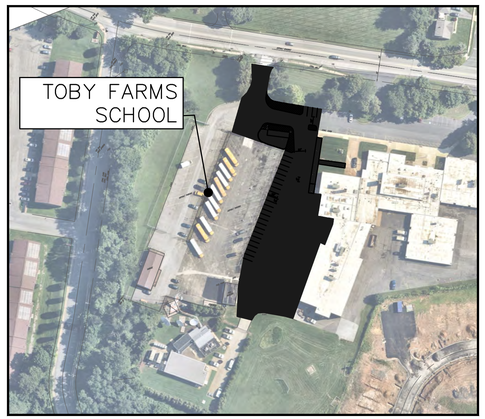
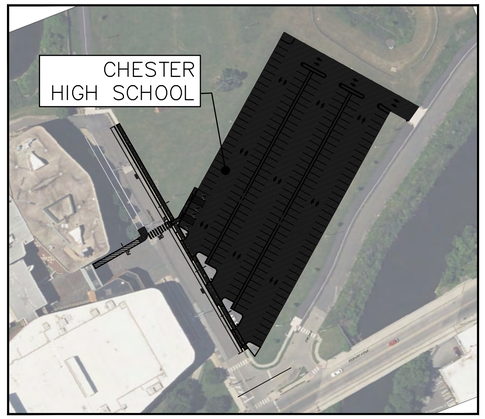
CONSTRUCTION PLANS
FOR
CHESTER UPLAND SCHOOL DISTRICT
PARKING LOT AND SITE UPGRADES
1450 EDGMONT AVENUE, MAIN STREET ELEMENTARY SCHOOL, CHESTER HIGH SCHOOL, CHESTER UPLAND SCHOOL OF THE ARTS AND TOBY FARMS SCHOOL
CHESTER TOWNSHIP, UPLAND BOROUGH AND CHESTER CITY
DELAWARE COUNTY, PA



AERIAL MAP
SCALE: NTS

AERIAL MAP
SCALE: NTS



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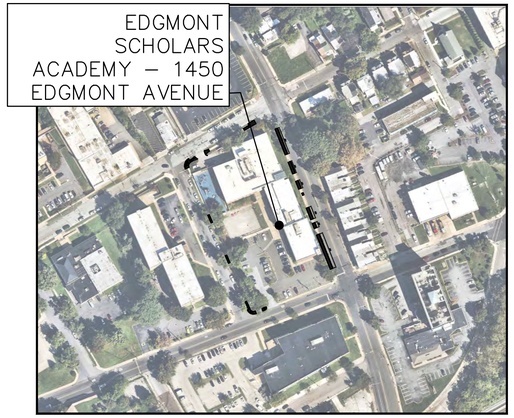

AERIAL MAP
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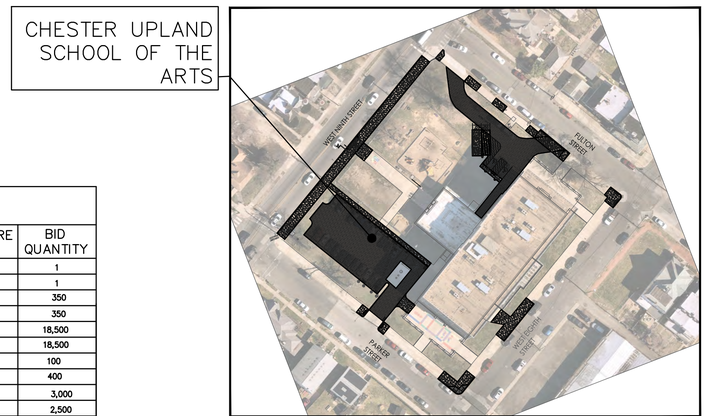

AERIAL MAP
SCALE: NTS

BID ITEM LIST

ITEM NO.	DESCRIPTION	UNIT	PLAN QUANTITY	IF AND WHERE DIRECTED	BID QUANTITY
1	MOBILIZATION (MAX 2.5% OF THE TOTAL AMOUNT BID UP TO $10,000)	LS	1	0	1
2	SITE CLEARING AND EARTHWORK	LS	1	0	1
3	BASE REPAIR, PARTIAL DEPTH, 4", INCLUDING EXCAVATION AND SUBBASE COMPACTION (IF AND WHERE DIRECTED)	SY	0	350	350
4	ASPHALT LEVELING COURSE, IF AND WHERE DIRECTED	TON	0	350	350
5	ASPHALT MILLING, 1-1/2" DEPTH, MILLED MATERIAL RETAINED BY CONTRACTOR	SY	17,595	905	18,500
6	SUPERPAVE ASPHALT MIXTURE DESIGN, WEARING COURSE, PG 64S-22, 3 TO 10 MILLION ESALS, 9.5 MM MIX, 1-1/2" DEPTH, SRL-L	SY	17,680	820	18,500
7	SUPERPAVE ASPHALT MIXTURE DESIGN, BASE COURSE, PG 64S-22, 3 TO 10 MILLION ESALS, 25 MM MIX, 4" DEPTH, SRL-L	SY	85	15	100
8	2A COURSE AGGREGATE, 6" THICK	SY	85	315	400
9	PLAIN CEMENT CONCRETE CURB, INCLUDING PERMANENT PAVEMENT RESTORATIONS	LF	2,613	387	3,000
10	PLAIN CEMENT CONCRETE SIDEWALK	SY	2,056	444	2,500
11	PLAIN CEMENT CONCRETE SIDEWALK FOR CURB RAMP CONSTRUCTION, INCLUDING DETECTABLE WARNING SURFACES	SY	366	84	450
12	REINFORCED CONCRETE PAD, 8" THICK	SY	437	63	500
13	10' X 30' MASONRY DUMPSTER ENCLOSURE, COMPLETE	LS	1	0	1
14	10' X 40' MASONRY DUMPSTER ENCLOSURE, COMPLETE	LS	1	0	1
15	6" STEEL POST BOLLARD WITH YELLOW SLEEVE	EA	46	14	60
16	SIGNAGE AND STRIPING, INCLUSIVE	LS	1	0	1

BEFORE YOU DIG ANYWHERE

IN... PENNSYLVANIA

STOP! CALL 1-800-242-1776 OR 811
(TOLL FREE)
PA LAW REQUIRES 3 WORKING DAYS NOTICE FOR CONSTRUCTION PHASE AND 10 WORKING DAYS NOTICE IN DESIGN STAGE
PENNSYLVANIA ONE CALL SYSTEM, Inc.

ALL TRENCHING, SHEETING AND SHORING SHALL BE IN STRICT ACCORDANCE WITH OSHA STANDARDS

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
MICHAEL D GALANTE
ENGINEER PE080959

ENGINEER:
MICHAEL GALANTE PE
334 W. FRONT STREET
MEDIA, PA 19063
PHONE: 1-856-404-0540

OWNER:
CHESTER UPLAND SCHOOL DISTRICT
1350 EDGMONT AVENUE
CHESTER, PA 19013

DATE:

MICHAEL D. GALANTE
PA PROFESSIONAL ENGINEER LIC. No. PE080959

MG ENGINEERING ASSOCIATES, LLC
334 W. FRONT STREET
MEDIA, PA 19063
PHONE: 1-856-404-0540
WWW.MGEASSOC.COM

ISSUED FOR BID

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ANY REUSE WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY MG ENGINEERING ASSOCIATES, LLC, FOR THE SPECIFIC PURPOSE INTENDED WILL BE AT OWNERS SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO MG ENGINEERING ASSOCIATES, LLC; AND OWNER SHALL INDEMNIFY AND HOLD HARMLESS MG ENGINEERING ASSOCIATES, LLC FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES ARISING OUT OF OR RESULTING THEREFROM.

No.	REVISION	DATE	BY	CHK.

COVER SHEET

CONSTRUCTION PLANS
FOR
CHESTER UPLAND SCHOOL DISTRICT
PARKING LOT AND SITE UPGRADES
1450 EDGMONT AVENUE, MAIN STREET ELEMENTARY SCHOOL, CHESTER HIGH SCHOOL, CHESTER UPLAND SCHOOL OF THE ARTS AND TOBY FARMS SCHOOL
CHESTER TOWNSHIP, UPLAND BOROUGH AND CHESTER CITY, DELAWARE COUNTY, PENNSYLVANIA

DRAWN BY:	DESIGN BY:	CHECKED BY:	SCALE:
CJB	MDG	MDG	AS NOTED
DATE: AUGUST 2026		SHEET No.: 1 OF 8	
JOB No.: CUSD-2026-01			

EDGEMONT SCHOOL ACADEMY

1"=30'

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

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IN... PENNSYLVANIA

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KEY

= DENOTES CONCRETE PAVEMENT

PLAN QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	PLAN QUANTITY
9	PLAIN CEMENT CONCRETE CURB, INCLUDING PERMANENT PAVEMENT RESTORATIONS	LF	315
10	PLAIN CEMENT CONCRETE SIDEWALK	SY	236
11	PLAIN CEMENT CONCRETE SIDEWALK FOR CURB RAMP CONSTRUCTION, INCLUDING DETECTABLE WARNING SURFACES	SY	60

EXISTING CONDITIONS NOTE

1. THE EXISTING CONDITIONS ARE BASED UPON HISTORICAL PLANS AND FIELD VISITS. CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXISTING CONDITIONS ON THE ROOF, PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER.

SITE SAFETY NOTE

1. THE CONTRACTOR IS RESPONSIBLE FOR ONSITE SITE SAFETY. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH CURRENT OSHA GUIDELINES. A SAFETY PLAN SHALL BE PROVIDED TO THE ENGINEER FOR REVIEW PRIOR TO THE START OF CONSTRUCTION.

SCOPE OF WORK

1. PROJECT LOCATION: EDGMONT SCHOLARS ACADEMY
1450 EDGMONT AVENUE
CHESTER, PA 19013

THE WORK GENERALLY CONSISTS OF THE SELECTIVE REMOVAL AND REPLACEMENT OF PLAIN CEMENT CONCRETE SIDEWALK AND CURB ALONG CITY STREETS AND WITHIN PENNDOT RIGHT-OF-WAY. THE WORK ALSO INCLUDES THE RECONSTRUCTION AND/OR INSTALLATION OF ADA-COMPLIANT CURB RAMPS IN ACCORDANCE WITH CURRENT PENNDOT STANDARDS, DETAILS, AND APPLICABLE ACCESSIBILITY REQUIREMENTS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LAYOUT, FIELD VERIFICATION, DEMOLITION, EXCAVATION, GRADING, CONSTRUCTION, RESTORATION, AND INCIDENTAL WORK NECESSARY TO COMPLETE THE PROPOSED IMPROVEMENTS. ALL DISTURBED AREAS SHALL BE RESTORED TO EQUAL OR BETTER CONDITION UPON COMPLETION OF THE WORK.

THE CONTRACTOR SHALL PROVIDE ALL REQUIRED MAINTENANCE AND PROTECTION OF TRAFFIC (MPT) FOR WORK PERFORMED WITHIN CITY AND PENNDOT RIGHTS-OF-WAY. TRAFFIC AND PEDESTRIAN CONTROL SHALL COMPLY WITH APPLICABLE PENNDOT REQUIREMENTS AND SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.

WHERE CURB REPLACEMENT REQUIRES DISTURBANCE OF THE ADJACENT ROADWAY PAVEMENT, PERMANENT ASPHALT PAVEMENT RESTORATION ALONG THE CURB LINE SHALL BE REQUIRED. ALL COSTS ASSOCIATED WITH SAWCUTTING, REMOVAL, PAVEMENT RESTORATION, MATERIALS, LABOR, AND INCIDENTAL WORK SHALL BE INCLUDED IN THE BID PRICE FOR "PLAIN CEMENT CONCRETE CURB, INCLUDING PERMANENT PAVEMENT RESTORATIONS." NO SEPARATE PAYMENT WILL BE MADE FOR PAVEMENT RESTORATION ASSOCIATED WITH CURB INSTALLATION.

ALL CONSTRUCTION ACTIVITIES SHALL BE COORDINATED WITH THE DISTRICT ENGINEER. THE CONTRACTOR SHALL SCHEDULE AND PERFORM THE WORK SO AS NOT TO INTERFERE WITH ESTABLISHED SCHOOL BUS ROUTES, STUDENT ARRIVAL AND DISMISSAL PERIODS, PEDESTRIAN ACCESS TO SCHOOL FACILITIES, OR OTHER SCHOOL OPERATIONS. WORK SHALL BE PERFORMED ONLY DURING APPROVED HOURS AND SHALL BE COORDINATED IN ADVANCE WITH THE DISTRICT ENGINEER TO MINIMIZE DISRUPTION TO STUDENTS, STAFF, RESIDENTS, AND THE TRAVELING PUBLIC.

THE CONTRACTOR SHALL MAINTAIN SAFE PEDESTRIAN ACCESS AT ALL TIMES AND SHALL COORDINATE ANY TEMPORARY SIDEWALK CLOSURES, ROADWAY RESTRICTIONS, OR DETOURS WITH THE DISTRICT ENGINEER.

GENERAL NOTES

1. EXISTING CONDITIONS IS BASED UPON A AERIAL IMAGERY AND SITE VISITS.
2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, EXISTING CONDITIONS AND EXISTING UTILITIES IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. ANY ERRORS OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
3. ALL PAVED AND CONCRETE AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO A CONDITION AT LEAST EQUAL TO THAT WHICH EXISTED PRIOR TO THE START OF CONSTRUCTION.
4. CONTRACTOR SHALL CONTACT THE APPROPRIATE PUBLIC UTILITIES 72 HOURS IN ADVANCE OF ANY CONSTRUCTION ACTIVITIES.
5. ALL GRASSED OR WOODED AREAS DISTURBED DURING CONSTRUCTION SHALL BE TOPSOILED AND SEEDED.
6. ALL FILL SHALL BE PLACED IN 12" LAYERS AND THOROUGHLY COMPACTED TO THE SATISFACTION OF THE ENGINEER. IF BORROW FILL IS REQUIRED. IT SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND PRESERVATION OF UNDERGROUND AND SURFACE UTILITIES AND STRUCTURES AT OR ADJACENT TO THE SITE OF CONSTRUCTION AND IT SHALL BE AT HIS OWN EXPENSE TO REPAIR OR REPLACE ANYTHING THAT THE CONTRACTOR DAMAGES.
8. ALL CONSTRUCTION MATERIALS AND METHODS SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND PENNDOT PUBLICATION 408, LATEST EDITION, UNLESS OTHERWISE NOTED.
9. THE CONTRACTOR IS RESPONSIBLE FOR DAILY MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES, PREVENTION OF RUNOFF FROM THE SITE, AND RESTORATION OF THE STREETS TO THEIR ORIGINAL CONDITIONS.
10. UNLESS OTHERWISE NOTED, EXISTING TREES ARE TO BE PROTECTED FROM DAMAGE DURING CONSTRUCTION ACTIVITIES.
11. CONTRACTOR SHALL PROVIDE ADEQUATE TEMPORARY FENCING TO ENSURE SAFETY OF THE PUBLIC.
12. ALL PROPOSED IMPROVEMENTS THAT ARE COMPLETED OUTSIDE THE SUPERVISION OF THE PROJECT ENGINEER WILL NEED TO BE REMOVED AND REPLACED AT THE CONTRACTORS EXPENSE.
13. THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ASPHALT PAVEMENT, CONCRETE CURB, GRAVEL, AND VEGETATION FOR THE REPAIR OF THE EXISTING PIPE. ALL FEATURES WITHIN THE IMPROVEMENTS LINE ON THE SITE SHALL BE REMOVED UNLESS OTHERWISE INDICATED. ALL DISCREPANCIES SHALL BE COORDINATED WITH THE ENGINEER, PRIOR TO THE START OF THE CONSTRUCTION,
14. CONTRACTOR SHALL COORDINATE WITH LOCAL UTILITY AUTHORITIES PRIOR TO UNDERGROUND EXCAVATIONS AND CALL IN A PA-ONE CALL PRIOR TO START OF CONSTRUCTION AND DURING THE DURATION OF CONSTRUCTION AS NECESSARY TO LAWFULLY EXCAVATE.
15. THE CONTRACTOR SHALL NOTIFY DELAWARE COUNTY AND THE PROJECT ENGINEER A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
16. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE AND PROTECTION OF PEDESTRIAN AND VEHICULAR TRAFFIC.
17. MG ENGINEERING ASSOCIATES, LLC MAKES NO CLAIM AS TO THE ACCURACY OF THE UNDERGROUND UTILITIES SHOWN ON THESE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND VERIFYING THE DEPTH OF THE EXISTING UTILITIES; IN THE EVENT OF A UTILITY CONFLICT, THE ENGINEER SHALL BE NOTIFIED.
18. CONTRACTOR WILL BE REQUIRED TAKE PRE-CONSTRUCTION PHOTOGRAPHS OF ENTIRE WORK AREA.

ADA NOTES:

1. ALL ACCESSIBLE COMPONENTS AND ROUTES SHALL COMPLY WITH THE MORE STRINGENT OF THE CURRENT ADA STANDARDS FOR ACCESSIBLE DESIGN AND APPLICABLE STATE AND LOCAL ACCESSIBILITY REQUIREMENTS.
2. THE CONTRACTOR SHALL EXERCISE CARE IN CONSTRUCTING ACCESSIBLE SIDEWALKS AND CURB RAMPS. FINISHED SURFACES SHALL COMPLY WITH APPLICABLE ACCESSIBILITY REQUIREMENTS, INCLUDING THE FOLLOWING:

   A. ACCESSIBLE ROUTES SHALL PROVIDE A MINIMUM 36-INCH CLEAR WIDTH, OR GREATER WHERE REQUIRED BY THE GOVERNING AGENCY. CROSS SLOPE SHALL NOT EXCEED 1:48 (2.0%). RUNNING SLOPE SHALL NOT EXCEED 1:20 (5.0%), EXCEPT AT COMPLIANT RAMPS OR WHERE OTHERWISE PERMITTED BY APPLICABLE STANDARDS.

   B. CURB RAMPS SHALL NOT EXCEED 1:12 (8.33%) RUNNING SLOPE. FLARED SIDES, WHERE PROVIDED, SHALL NOT EXCEED 1:10 (10%). LANDINGS SHALL BE PROVIDED AS REQUIRED BY APPLICABLE ACCESSIBILITY STANDARDS.

   C. CHANGES IN LEVEL, JOINTS, GRATINGS, AND OTHER OPENINGS WITHIN THE ACCESSIBLE ROUTE SHALL COMPLY WITH APPLICABLE ACCESSIBILITY STANDARDS.

   D. THE CONTRACTOR SHALL VERIFY EXISTING GRADES AND FIELD CONDITIONS PRIOR TO CONSTRUCTION. ANY CONDITION PREVENTING CONSTRUCTION IN ACCORDANCE WITH THE PLANS OR APPLICABLE ACCESSIBILITY REQUIREMENTS SHALL BE REPORTED TO THE ENGINEER PRIOR TO PROCEEDING
3. THE CONTRACTOR SHALL VERIFY FORM GRADES AND SLOPES PRIOR TO PLACING CONCRETE. NON-CONFORMING SIDEWALK, CURB RAMPS, OR OTHER ACCESSIBLE SURFACES SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
4. CONTRACTOR SHALL COORDINATE CONSTRUCTION WITH APPLICABLE LOCAL REQUIREMENTS AND THE CURRENT ADA STANDARDS FOR ACCESSIBLE DESIGN.

ENGINEER:
MICHAEL GALANTE PE
334 W. FRONT STREET
MEDIA, PA 19063
PHONE: 1-856-404-0540

OWNER:
CHESTER UPLAND SCHOOL DISTRICT
1350 EDGMONT AVENUE
CHESTER, PA 19013

DATE:
MICHAEL D. GALANTE
PA PROFESSIONAL ENGINEER LIC. No. PE080959

MG ENGINEERING ASSOCIATES, LLC
334 W. FRONT STREET
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WWW.MGEASSOC.COM

ISSUED FOR BID

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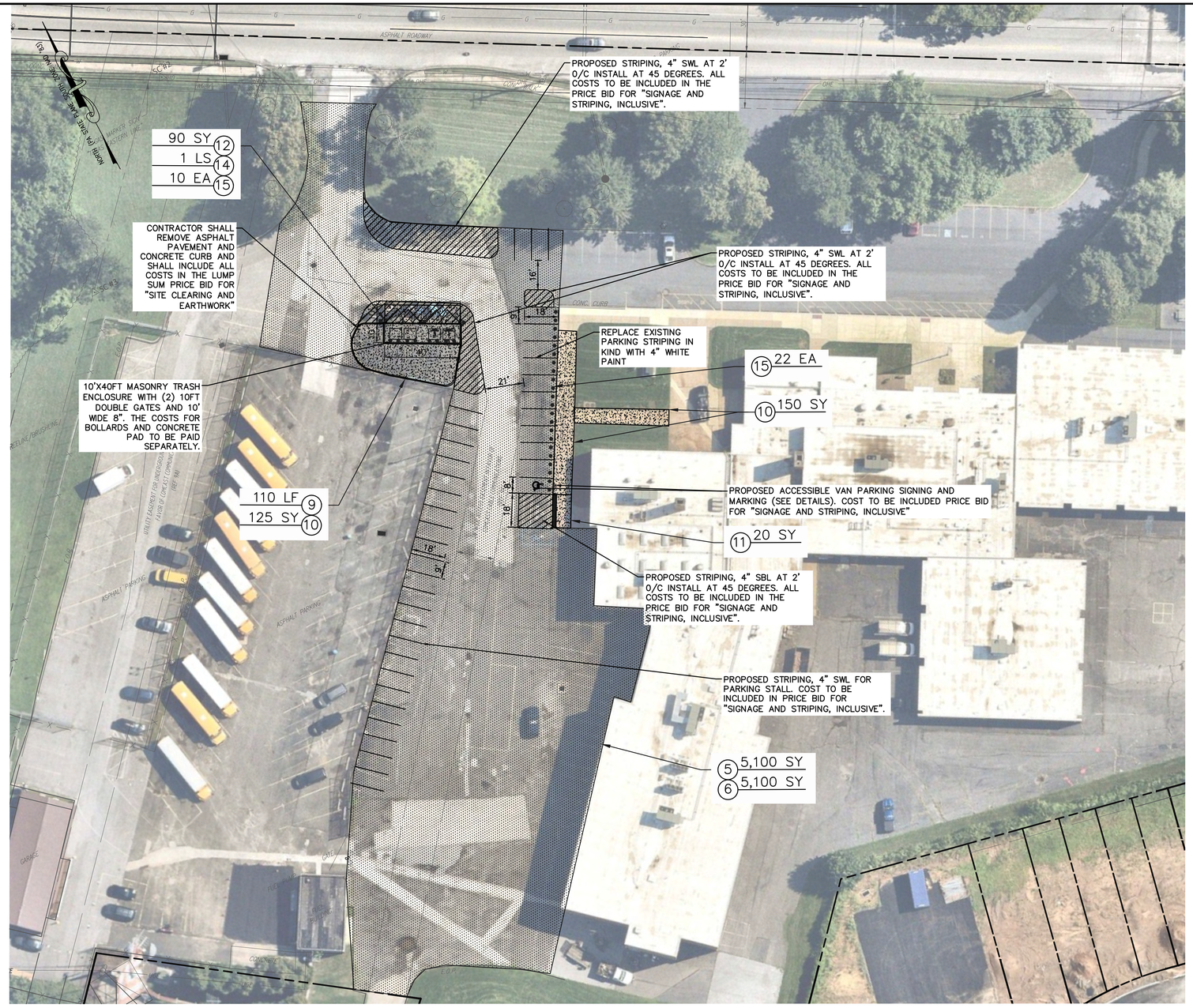
No.	REVISION	DATE	BY	CHK.

EDGEMONT SCHOLARS ACADEMY
1450 EDGMONT AVENUE

CONSTRUCTION PLANS
FOR
CHESTER UPLAND SCHOOL DISTRICT
PARKING LOT AND SITE UPGRADES
1450 EDGMONT AVENUE, MAIN STREET ELEMENTARY SCHOOL,
CHESTER HIGH SCHOOL, CHESTER UPLAND SCHOOL OF THE ARTS
AND TOBY FARMS SCHOOL
CHESTER TOWNSHIP, UPLAND BOROUGH AND CHESTER CITY, DELAWARE COUNTY, PENNSYLVANIA

DRAWN BY:	DESIGN BY:	CHECKED BY:	SCALE:
CJB	MDG	MDG	AS NOTED

DATE: AUGUST 2026
JOB No.: CUSD-2026-01
SHEET No.: 2 OF 8



TOBY FARMS INTERMEDIATE SCHOOL

1"=30'

EXISTING CONDITIONS NOTE

1. THE EXISTING CONDITIONS ARE BASED UPON HISTORICAL PLANS AND FIELD VISITS. CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXISTING CONDITIONS ON THE ROOF, PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER.

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

PLAN QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	PLAN QUANTITY
5	ASPHALT MILLING, 1-1/2" DEPTH, MILLED MATERIAL RETAINED BY CONTRACTOR	SY	5,100
6	SUPERPAVE ASPHALT MIXTURE DESIGN, WEARING COURSE, PG 64S-22, 3 TO 10 MILLION ESALS, 9.5 MM MIX, 1-1/2" DEPTH, SRL-L	SY	5,100
9	PLAIN CEMENT CONCRETE CURB, INCLUDING PERMANENT PAVEMENT RESTORATIONS	LF	110
10	PLAIN CEMENT CONCRETE SIDEWALK	SY	275
11	PLAIN CEMENT CONCRETE SIDEWALK FOR CURB RAMP CONSTRUCTION, INCLUDING DETECTABLE WARNING SURFACES	SY	110
12	REINFORCED CONCRETE PAD, 8" THICK	SY	90
14	10' X 40' MASONRY DUMPSTER ENCLOSURE, COMPLETE	LS	1
15	6" STEEL POST BOLLARD WITH YELLOW SLEEVE	EA	32

KEY

= DENOTES ASPHALT PAVEMENT TO BE RESURFACED WITH 1.5" OVERLAY

= DENOTES CONCRETE PAVEMENT

SITE SAFETY NOTE

1. THE CONTRACTOR IS RESPONSIBLE FOR ONSITE SITE SAFETY. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH CURRENT OSHA GUIDELINES. A SAFETY PLAN SHALL BE PROVIDED TO THE ENGINEER FOR REVIEW PRIOR TO THE START OF CONSTRUCTION.

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SCOPE OF WORK

1. PROJECT LOCATION: TOBY FARMS SCHOOL
201 BRIDGEWATER ROAD
BROOKHAVEN, PA 19015

THE WORK GENERALLY CONSISTS OF THE MILLING AND RESURFACING OF A PORTION OF THE EXISTING PARKING AREA AND RESTRIPING IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND PLANS. THE WORK SHALL ALSO INCLUDE, BUT NOT BE LIMITED TO, THE INSTALLATION OF STEEL BOLLARDS WITH SLEEVES, CONSTRUCTION OF A NEW DUMPSTER ENCLOSURE, REMOVAL OF THE EXISTING DUMPSTER AREA AS REQUIRED TO ACCOMMODATE THE PROPOSED ENCLOSURE, INSTALLATION OF CONCRETE CURB AND CONCRETE SIDEWALK, AND ALL OTHER INCIDENTAL IMPROVEMENTS NECESSARY TO COMPLETE THE PROJECT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED MAINTENANCE AND PROTECTION OF TRAFFIC THROUGHOUT CONSTRUCTION. NO SEPARATE PAYMENT WILL BE MADE FOR MAINTENANCE AND PROTECTION OF TRAFFIC, WHICH SHALL BE CONSIDERED INCIDENTAL TO THE WORK.

THE CONTRACTOR SHALL COORDINATE AND SCHEDULE ALL WORK TO AVOID CONFLICTS WITH ONGOING SCHOOL OPERATIONS. THE CONTRACTOR SHALL PLAN AND EXECUTE THE MILLING, PAVING, CONCRETE, DUMPSTER ENCLOSURE, STRIPING, AND RELATED IMPROVEMENTS IN A MANNER THAT MAINTAINS SAFE AND REASONABLE ACCESS TO THE SCHOOL AND DOES NOT INTERFERE WITH NORMAL SCHOOL ACTIVITIES.

PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL SUBMIT A DETAILED CONSTRUCTION SCHEDULE IDENTIFYING THE ANTICIPATED SEQUENCE AND DURATION OF THE WORK. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PROVIDING ALL LABOR, MATERIALS, EQUIPMENT, SUPERVISION, MEANS, METHODS, SEQUENCING, AND COORDINATION NECESSARY TO COMPLETE THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND WITHIN THE REQUIRED PROJECT SCHEDULE.

THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH THE OWNER AND SCHOOL REPRESENTATIVES AND SHALL MAKE NECESSARY ADJUSTMENTS TO THE WORK SCHEDULE AND CONSTRUCTION OPERATIONS TO ACCOMMODATE SCHOOL ACTIVITIES, EVENTS, DELIVERIES, AND OTHER SITE OPERATIONS.

GENERAL NOTES

1. EXISTING CONDITIONS IS BASED UPON A AERIAL IMAGERY AND SITE VISITS.
2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, EXISTING CONDITIONS AND EXISTING UTILITIES IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. ANY ERRORS OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
3. ALL PAVED AND CONCRETE AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO A CONDITION AT LEAST EQUAL TO THAT WHICH EXISTED PRIOR TO THE START OF CONSTRUCTION.
4. CONTRACTOR SHALL CONTACT THE APPROPRIATE PUBLIC UTILITIES 72 HOURS IN ADVANCE OF ANY CONSTRUCTION ACTIVITIES.
5. ALL GRASSED OR WOODED AREAS DISTURBED DURING CONSTRUCTION SHALL BE TOPSOILED AND SEEDED.
6. ALL FILL SHALL BE PLACED IN 12" LAYERS AND THOROUGHLY COMPACTED TO THE SATISFACTION OF THE ENGINEER. IF BORROW FILL IS REQUIRED. IT SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND PRESERVATION OF UNDERGROUND AND SURFACE UTILITIES AND STRUCTURES AT OR ADJACENT TO THE SITE OF CONSTRUCTION AND IT SHALL BE AT HIS OWN EXPENSE TO REPAIR OR REPLACE ANYTHING THAT THE CONTRACTOR DAMAGES.
8. ALL CONSTRUCTION MATERIALS AND METHODS SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND PENNDOT PUBLICATION 408, LATEST EDITION, UNLESS OTHERWISE NOTED.
9. THE CONTRACTOR IS RESPONSIBLE FOR DAILY MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES, PREVENTION OF RUNOFF FROM THE SITE, AND RESTORATION OF THE STREETS TO THEIR ORIGINAL CONDITIONS.
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13. THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ASPHALT PAVEMENT, CONCRETE CURB, GRAVEL, AND VEGETATION FOR THE REPAIR OF THE EXISTING PIPE. ALL FEATURES WITHIN THE IMPROVEMENTS LINE ON THE SITE SHALL BE REMOVED UNLESS OTHERWISE INDICATED. ALL DISCREPANCIES SHALL BE COORDINATED WITH THE ENGINEER, PRIOR TO THE START OF THE CONSTRUCTION,
14. CONTRACTOR SHALL COORDINATE WITH LOCAL UTILITY AUTHORITIES PRIOR TO UNDERGROUND EXCAVATIONS AND CALL IN A PA-ONE CALL PRIOR TO START OF CONSTRUCTION AND DURING THE DURATION OF CONSTRUCTION AS NECESSARY TO LAWFULLY EXCAVATE.
15. THE CONTRACTOR SHALL NOTIFY DELAWARE COUNTY AND THE PROJECT ENGINEER A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
16. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE AND PROTECTION OF PEDESTRIAN AND VEHICULAR TRAFFIC.
17. MG ENGINEERING ASSOCIATES, LLC MAKES NO CLAIM AS TO THE ACCURACY OF THE UNDERGROUND UTILITIES SHOWN ON THESE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND VERIFYING THE DEPTH OF THE EXISTING UTILITIES; IN THE EVENT OF A UTILITY CONFLICT, THE ENGINEER SHALL BE NOTIFIED.
18. CONTRACTOR WILL BE REQUIRED TAKE PRE-CONSTRUCTION PHOTOGRAPHS OF ENTIRE WORK AREA.

ADA NOTES:

1. ALL ACCESSIBLE COMPONENTS AND ROUTES SHALL COMPLY WITH THE MORE STRINGENT OF THE CURRENT ADA STANDARDS FOR ACCESSIBLE DESIGN AND APPLICABLE STATE AND LOCAL ACCESSIBILITY REQUIREMENTS.
2. THE CONTRACTOR SHALL EXERCISE CARE IN CONSTRUCTING ACCESSIBLE SIDEWALKS AND CURB RAMPS. FINISHED SURFACES SHALL COMPLY WITH APPLICABLE ACCESSIBILITY REQUIREMENTS, INCLUDING THE FOLLOWING:

   A. ACCESSIBLE ROUTES SHALL PROVIDE A MINIMUM 36-INCH CLEAR WIDTH, OR GREATER WHERE REQUIRED BY THE GOVERNING AGENCY. CROSS SLOPE SHALL NOT EXCEED 1:48 (2.0%). RUNNING SLOPE SHALL NOT EXCEED 1:20 (5.0%), EXCEPT AT COMPLIANT RAMPS OR WHERE OTHERWISE PERMITTED BY APPLICABLE STANDARDS.

   B. CURB RAMPS SHALL NOT EXCEED 1:12 (8.33%) RUNNING SLOPE. FLARED SIDES, WHERE PROVIDED, SHALL NOT EXCEED 1:10 (10%). LANDINGS SHALL BE PROVIDED AS REQUIRED BY APPLICABLE ACCESSIBILITY STANDARDS.

   C. CHANGES IN LEVEL, JOINTS, GRATINGS, AND OTHER OPENINGS WITHIN THE ACCESSIBLE ROUTE SHALL COMPLY WITH APPLICABLE ACCESSIBILITY STANDARDS.

   D. THE CONTRACTOR SHALL VERIFY EXISTING GRADES AND FIELD CONDITIONS PRIOR TO CONSTRUCTION. ANY CONDITION PREVENTING CONSTRUCTION IN ACCORDANCE WITH THE PLANS OR APPLICABLE ACCESSIBILITY REQUIREMENTS SHALL BE REPORTED TO THE ENGINEER PRIOR TO PROCEEDING
3. THE CONTRACTOR SHALL VERIFY FORM GRADES AND SLOPES PRIOR TO PLACING CONCRETE. NON-CONFORMING SIDEWALK, CURB RAMPS, OR OTHER ACCESSIBLE SURFACES SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
4. CONTRACTOR SHALL COORDINATE CONSTRUCTION WITH APPLICABLE LOCAL REQUIREMENTS AND THE CURRENT ADA STANDARDS FOR ACCESSIBLE DESIGN.

ENGINEER:
MICHAEL GALANTE PE
334 W. FRONT STREET
MEDIA, PA 19063
PHONE: 1-856-404-0540

OWNER:
CHESTER UPLAND SCHOOL DISTRICT
1350 EDGMONT AVENUE
CHESTER, PA 19013

DATE:
MICHAEL D. GALANTE
PA PROFESSIONAL ENGINEER LIC. No. PE080959

MG ENGINEERING ASSOCIATES, LLC
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PHONE: 1-856-404-0540
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ISSUED FOR BID

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No.	REVISION	DATE	BY	CHK

TOBY FARMS SCHOOL

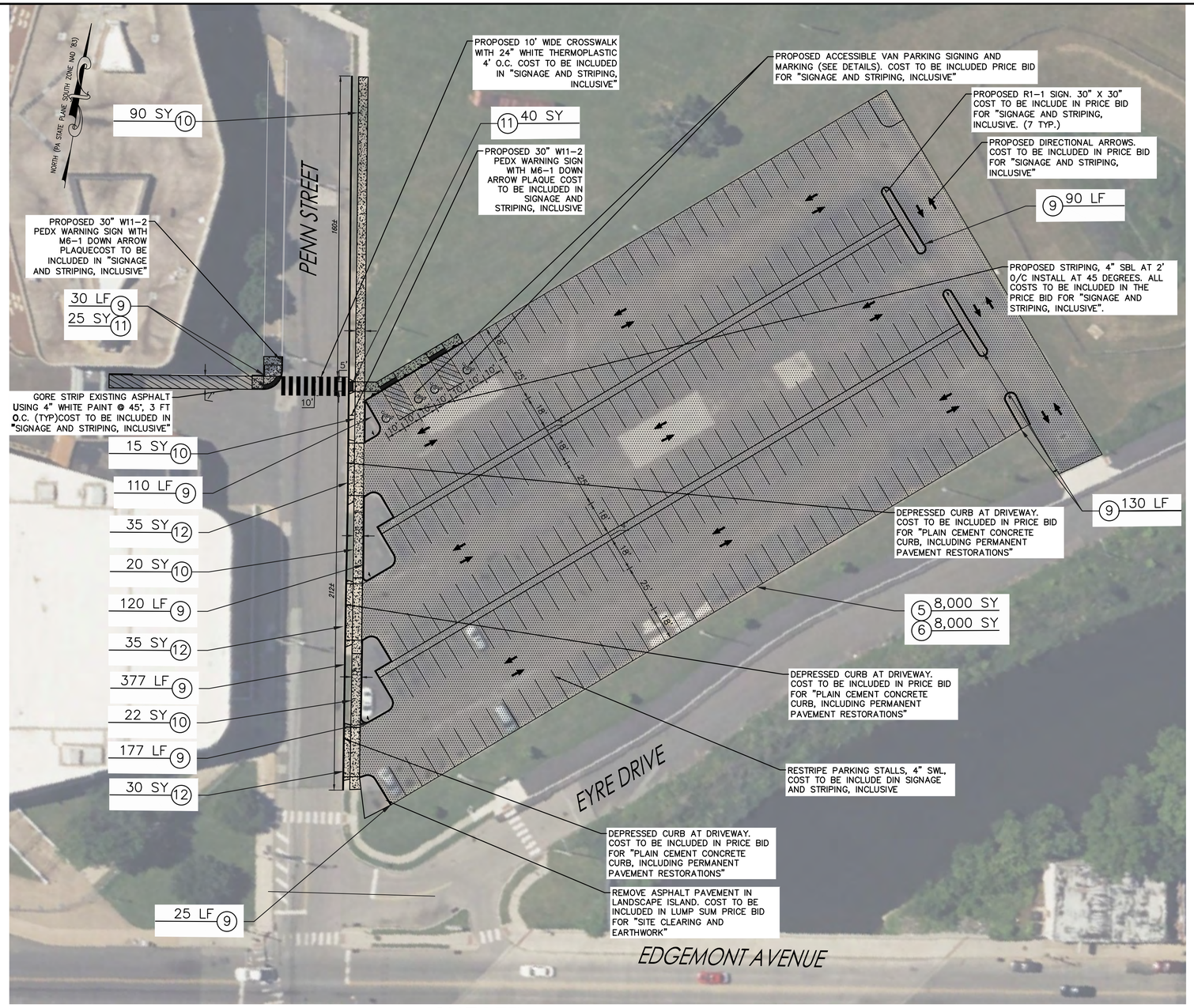
CONSTRUCTION PLANS
FOR
CHESTER UPLAND SCHOOL DISTRICT
PARKING LOT AND SITE UPGRADES
1450 EDGMONT AVENUE, MAIN STREET ELEMENTARY SCHOOL,
CHESTER HIGH SCHOOL, CHESTER UPLAND SCHOOL OF THE ARTS
AND TOBY FARMS SCHOOL
CHESTER TOWNSHIP, UPLAND BOROUGH AND CHESTER CITY, DELAWARE COUNTY, PENNSYLVANIA

DRAWN BY	DESIGN BY	CHECKED BY	SCALE
CJB	MDG	MDG	AS NOTED

DATE: AUGUST 2026

JOB No.: CUSD-2026-01

SHEET No.: 3 OF 8



CHESTER HIGH SCHOOL

1"=30'

KEY

= DENOTES ASPHALT PAVEMENT TO BE RESURFACED WITH 1.5" OVERLAY

= DENOTES CONCRETE PAVEMENT

PLAN QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	PLAN QUANTITY
5	ASPHALT MILLING, 1-1/2" DEPTH, MILLED MATERIAL RETAINED BY CONTRACTOR	SY	8,000
6	SUPERPAVE ASPHALT MIXTURE DESIGN, WEARING COURSE, PG 64S-22, 3 TO 10 MILLION ESALS, 9.5 MM MIX, 1-1/2" DEPTH, SRL-L	SY	8,000
9	PLAIN CEMENT CONCRETE CURB, INCLUDING PERMANENT PAVEMENT RESTORATIONS	LF	1,059
10	PLAIN CEMENT CONCRETE SIDEWALK	SY	147
11	PLAIN CEMENT CONCRETE SIDEWALK FOR CURB RAMP CONSTRUCTION, INCLUDING DETECTABLE WARNING SURFACES	SY	65
12	REINFORCED CONCRETE PAD, 8" THICK	SY	100

BEFORE YOU DIG ANYWHERE

IN... PENNSYLVANIA

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(TOLL FREE)
PA LAW REQUIRES 3 WORKING DAYS NOTICE FOR CONSTRUCTION PHASE AND 10 WORKING DAYS NOTICE IN DESIGN STAGE.
PENNSYLVANIA ONE CALL SYSTEM, Inc.

ALL TRENCHING, SHEETING AND SHORING SHALL BE IN STRICT ACCORDANCE WITH OSHA STANDARDS

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

EXISTING CONDITIONS NOTE

1. THE EXISTING CONDITIONS ARE BASED UPON HISTORICAL PLANS AND FIELD VISITS. CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXISTING CONDITIONS ON THE ROOF, PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER.

SITE SAFETY NOTE

1. THE CONTRACTOR IS RESPONSIBLE FOR ONSITE SITE SAFETY. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH CURRENT OSHA GUIDELINES. A SAFETY PLAN SHALL BE PROVIDED TO THE ENGINEER FOR REVIEW PRIOR TO THE START OF CONSTRUCTION.

SCOPE OF WORK

1. PROJECT LOCATION: CHESTER UPLAND SCHOOL DISTRICT
232 W. 9TH STREET
CHESTER, PA 19013

THE WORK GENERALLY CONSISTS OF MILLING AND RESURFACING OF THE EXISTING PARKING AREA AND RESTRIPING IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND PLANS. THE WORK SHALL ALSO INCLUDE, BUT NOT BE LIMITED TO, REMOVAL OF EXISTING CURB ISLANDS AND INSTALLATION OF NEW CURBED LANDSCAPE ISLANDS, ADA-ACCESSIBLE PEDESTRIAN CROSSINGS AND CURB RAMPS, SIGNAGE, CONCRETE CURB AND SIDEWALK, DUMPSTER ENCLOSURE IMPROVEMENTS, AND ALL OTHER INCIDENTAL WORK NECESSARY TO COMPLETE THE PROJECT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED MAINTENANCE AND PROTECTION OF TRAFFIC THROUGHOUT CONSTRUCTION. NO SEPARATE PAYMENT WILL BE MADE FOR MAINTENANCE AND PROTECTION OF TRAFFIC, WHICH SHALL BE INCIDENTAL TO THE WORK.

THE CONTRACTOR SHALL COORDINATE AND SCHEDULE ALL WORK TO MINIMIZE CONFLICTS WITH ONGOING SCHOOL OPERATIONS AND MAINTAIN SAFE AND REASONABLE ACCESS TO THE SCHOOL AT ALL TIMES. MILLING, PAVING, CONCRETE, DUMPSTER ENCLOSURE, STRIPING, AND RELATED WORK SHALL BE PHASED AS NECESSARY TO MINIMIZE DISRUPTION TO NORMAL SCHOOL ACTIVITIES.

PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL SUBMIT A DETAILED CONSTRUCTION SCHEDULE IDENTIFYING THE ANTICIPATED SEQUENCE AND DURATION OF THE WORK. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, SUPERVISION, MEANS, METHODS, AND COORDINATION NECESSARY TO COMPLETE THE PROJECT IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND REQUIRED SCHEDULE.

THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE OWNER AND SCHOOL REPRESENTATIVES AND MAKE NECESSARY ADJUSTMENTS TO ACCOMMODATE SCHOOL ACTIVITIES, EVENTS, DELIVERIES, AND OTHER SITE OPERATIONS.

GENERAL NOTES

1. EXISTING CONDITIONS IS BASED UPON A AERIAL IMAGERY AND SITE VISITS.
2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, EXISTING CONDITIONS AND EXISTING UTILITIES IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. ANY ERRORS OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
3. ALL PAVED AND CONCRETE AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO A CONDITION AT LEAST EQUAL TO THAT WHICH EXISTED PRIOR TO THE START OF CONSTRUCTION.
4. CONTRACTOR SHALL CONTACT THE APPROPRIATE PUBLIC UTILITIES 72 HOURS IN ADVANCE OF ANY CONSTRUCTION ACTIVITIES.
5. ALL GRASSED OR WOODED AREAS DISTURBED DURING CONSTRUCTION SHALL BE TOPSOILED AND SEEDED.
6. ALL FILL SHALL BE PLACED IN 12" LAYERS AND THOROUGHLY COMPACTED TO THE SATISFACTION OF THE ENGINEER. IF BORROW FILL IS REQUIRED. IT SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND PRESERVATION OF UNDERGROUND AND SURFACE UTILITIES AND STRUCTURES AT OR ADJACENT TO THE SITE OF CONSTRUCTION AND IT SHALL BE AT HIS OWN EXPENSE TO REPAIR OR REPLACE ANYTHING THAT THE CONTRACTOR DAMAGES.
8. ALL CONSTRUCTION MATERIALS AND METHODS SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND PENNDOT PUBLICATION 408, LATEST EDITION, UNLESS OTHERWISE NOTED.
9. THE CONTRACTOR IS RESPONSIBLE FOR DAILY MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES, PREVENTION OF RUNOFF FROM THE SITE, AND RESTORATION OF THE STREETS TO THEIR ORIGINAL CONDITIONS.
10. UNLESS OTHERWISE NOTED, EXISTING TREES ARE TO BE PROTECTED FROM DAMAGE DURING CONSTRUCTION ACTIVITIES.
11. CONTRACTOR SHALL PROVIDE ADEQUATE TEMPORARY FENCING TO ENSURE SAFETY OF THE PUBLIC.
12. ALL PROPOSED IMPROVEMENTS THAT ARE COMPLETED OUTSIDE THE SUPERVISION OF THE PROJECT ENGINEER WILL NEED TO BE REMOVED AND REPLACED AT THE CONTRACTORS EXPENSE.
13. THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ASPHALT PAVEMENT, CONCRETE CURB, GRAVEL, AND VEGETATION FOR THE REPAIR OF THE EXISTING PIPE. ALL FEATURES WITHIN THE IMPROVEMENTS LINE ON THE SITE SHALL BE REMOVED UNLESS OTHERWISE INDICATED. ALL DISCREPANCIES SHALL BE COORDINATED WITH THE ENGINEER, PRIOR TO THE START OF THE CONSTRUCTION,
14. CONTRACTOR SHALL COORDINATE WITH LOCAL UTILITY AUTHORITIES PRIOR TO UNDERGROUND EXCAVATIONS AND CALL IN A PA-ONE CALL PRIOR TO START OF CONSTRUCTION AND DURING THE DURATION OF CONSTRUCTION AS NECESSARY TO LAWFULLY EXCAVATE.
15. THE CONTRACTOR SHALL NOTIFY DELAWARE COUNTY AND THE PROJECT ENGINEER A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
16. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE AND PROTECTION OF PEDESTRIAN AND VEHICULAR TRAFFIC.
17. MG ENGINEERING ASSOCIATES, LLC MAKES NO CLAIM AS TO THE ACCURACY OF THE UNDERGROUND UTILITIES SHOWN ON THESE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND VERIFYING THE DEPTH OF THE EXISTING UTILITIES; IN THE EVENT OF A UTILITY CONFLICT, THE ENGINEER SHALL BE NOTIFIED.
18. CONTRACTOR WILL BE REQUIRED TAKE PRE-CONSTRUCTION PHOTOGRAPHS OF ENTIRE WORK AREA.

ADA NOTES:

1. ALL ACCESSIBLE COMPONENTS AND ROUTES SHALL COMPLY WITH THE MORE STRINGENT OF THE CURRENT ADA STANDARDS FOR ACCESSIBLE DESIGN AND APPLICABLE STATE AND LOCAL ACCESSIBILITY REQUIREMENTS.
2. THE CONTRACTOR SHALL EXERCISE CARE IN CONSTRUCTING ACCESSIBLE SIDEWALKS AND CURB RAMPS. FINISHED SURFACES SHALL COMPLY WITH APPLICABLE ACCESSIBILITY REQUIREMENTS, INCLUDING THE FOLLOWING:

   A. ACCESSIBLE ROUTES SHALL PROVIDE A MINIMUM 36-INCH CLEAR WIDTH, OR GREATER WHERE REQUIRED BY THE GOVERNING AGENCY. CROSS SLOPE SHALL NOT EXCEED 1:48 (2.0%). RUNNING SLOPE SHALL NOT EXCEED 1:20 (5.0%), EXCEPT AT COMPLIANT RAMPS OR WHERE OTHERWISE PERMITTED BY APPLICABLE STANDARDS.

   B. CURB RAMPS SHALL NOT EXCEED 1:12 (8.33%) RUNNING SLOPE. FLARED SIDES, WHERE PROVIDED, SHALL NOT EXCEED 1:10 (10%). LANDINGS SHALL BE PROVIDED AS REQUIRED BY APPLICABLE ACCESSIBILITY STANDARDS.

   C. CHANGES IN LEVEL, JOINTS, GRATINGS, AND OTHER OPENINGS WITHIN THE ACCESSIBLE ROUTE SHALL COMPLY WITH APPLICABLE ACCESSIBILITY STANDARDS.

   D. THE CONTRACTOR SHALL VERIFY EXISTING GRADES AND FIELD CONDITIONS PRIOR TO CONSTRUCTION. ANY CONDITION PREVENTING CONSTRUCTION IN ACCORDANCE WITH THE PLANS OR APPLICABLE ACCESSIBILITY REQUIREMENTS SHALL BE REPORTED TO THE ENGINEER PRIOR TO PROCEEDING
3. THE CONTRACTOR SHALL VERIFY FORM GRADES AND SLOPES PRIOR TO PLACING CONCRETE. NON-CONFORMING SIDEWALK, CURB RAMPS, OR OTHER ACCESSIBLE SURFACES SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
4. CONTRACTOR SHALL COORDINATE CONSTRUCTION WITH APPLICABLE LOCAL REQUIREMENTS AND THE CURRENT ADA STANDARDS FOR ACCESSIBLE DESIGN.

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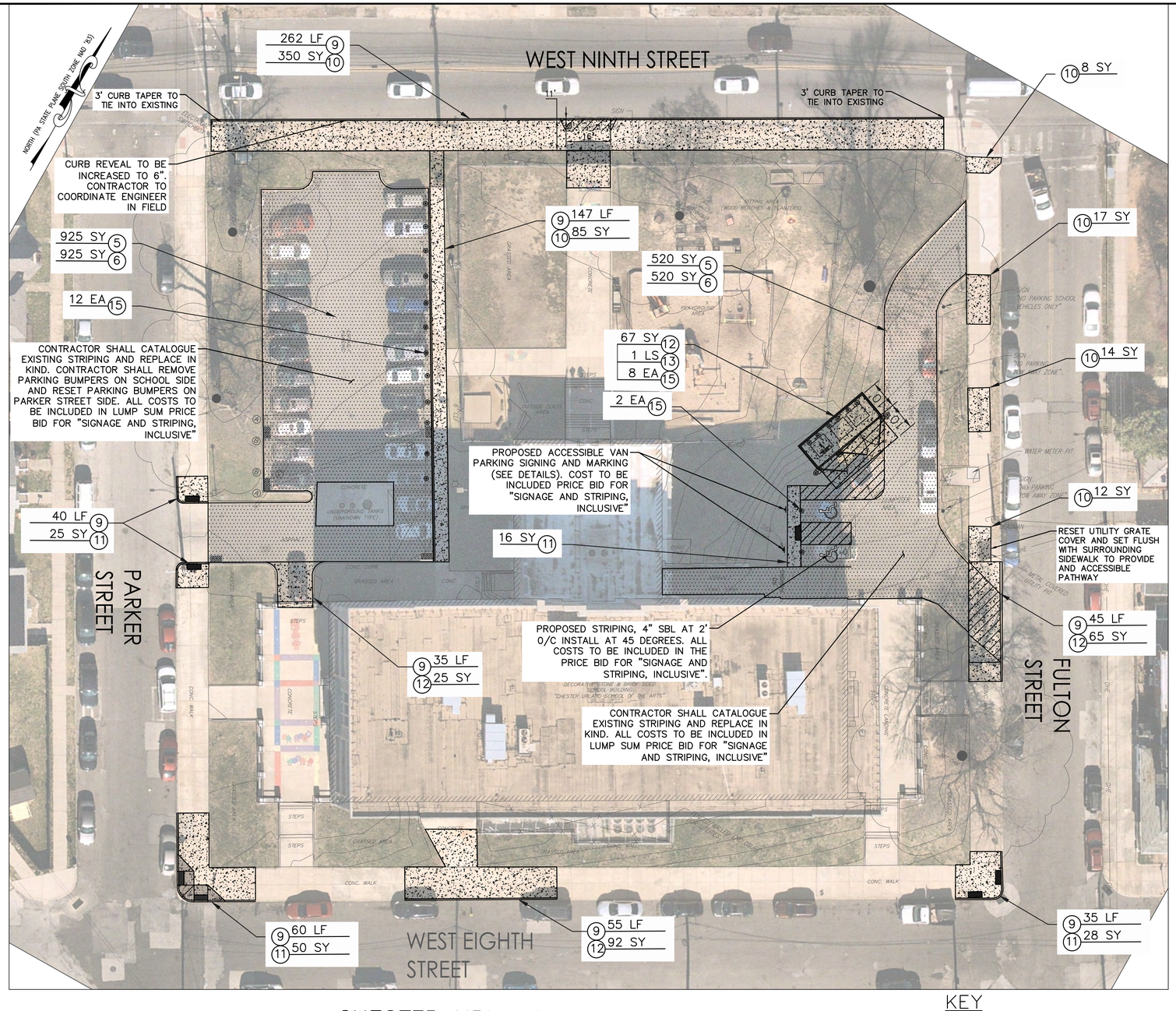
No.	REVISION	DATE	BY	CHK

CHESTER HIGH SCHOOL

CONSTRUCTION PLANS
FOR
CHESTER UPLAND SCHOOL DISTRICT
PARKING LOT AND SITE UPGRADES
1450 EDGMONT AVENUE, MAIN STREET ELEMENTARY SCHOOL,
CHESTER HIGH SCHOOL, CHESTER UPLAND SCHOOL OF THE ARTS
AND TOBY FARMS SCHOOL
CHESTER TOWNSHIP, UPLAND BOROUGH AND CHESTER CITY, DELAWARE COUNTY, PENNSYLVANIA

DRAWN BY	DESIGN BY	CHECKED BY	SCALE
CJB	MDG	MDG	AS NOTED

DATE: AUGUST 2026
JOB No.: CUSD-2026-01
SHEET No.: 4 OF 8



CHESTER UPLAND SCHOOL OF THE ARTS

1"=20'

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

PLAN QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	PLAN QUANTITY
5	ASPHALT MILLING, 1-1/2" DEPTH, MILLED MATERIAL RETAINED BY CONTRACTOR	SY	1,445
6	SUPERPAVE ASPHALT MIXTURE DESIGN, WEARING COURSE, PG 64S-22, 3 TO 10 MILLION ESALS, 9.5 MM MIX, 1-1/2" DEPTH, SRL-L	SY	1,445
9	PLAIN CEMENT CONCRETE CURB, INCLUDING PERMANENT PAVEMENT RESTORATIONS	LF	679
10	PLAIN CEMENT CONCRETE SIDEWALK	SY	486
11	PLAIN CEMENT CONCRETE SIDEWALK FOR CURB RAMP CONSTRUCTION, INCLUDING DETECTABLE WARNING SURFACES	SY	119
12	REINFORCED CONCRETE PAD, 8" THICK	SY	247
13	10' X 30' MASONRY DUMPSTER ENCLOSURE, COMPLETE	LS	1
15	6" STEEL POST BOLLARD WITH YELLOW SLEEVE	EA	14

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KEY

= DENOTES ASPHALT PAVEMENT TO BE RESURFACED WITH 1.5" OVERLAY

= DENOTES CONCRETE PAVEMENT

EXISTING CONDITIONS NOTE

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SITE SAFETY NOTE

1. THE CONTRACTOR IS RESPONSIBLE FOR ONSITE SITE SAFETY. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH CURRENT OSHA GUIDELINES. A SAFETY PLAN SHALL BE PROVIDED TO THE ENGINEER FOR REVIEW PRIOR TO THE START OF CONSTRUCTION.

SCOPE OF WORK

1. PROJECT LOCATION: CHESTER UPLAND SCHOOL OF THE ARTS
501 W. 9TH STREET
CHESTER, PA 19013

THE WORK GENERALLY CONSISTS OF THE MILLING AND RESURFACING OF THE EXISTING PARKING AREA AND RESTRIPING IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND PLANS. THE WORK SHALL ALSO INCLUDE, BUT NOT BE LIMITED TO, THE INSTALLATION OF STEEL BOLLARDS WITH SLEEVES, CONSTRUCTION OF A NEW DUMPSTER ENCLOSURE, REMOVAL OF THE EXISTING DUMPSTER AREA AS REQUIRED TO ACCOMMODATE THE PROPOSED ENCLOSURE, INSTALLATION OF CONCRETE CURB AND CONCRETE SIDEWALK, AND ALL OTHER INCIDENTAL IMPROVEMENTS NECESSARY TO COMPLETE THE PROJECT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED MAINTENANCE AND PROTECTION OF TRAFFIC THROUGHOUT CONSTRUCTION. NO SEPARATE PAYMENT WILL BE MADE FOR MAINTENANCE AND PROTECTION OF TRAFFIC, WHICH SHALL BE CONSIDERED INCIDENTAL TO THE WORK.

THE CONTRACTOR SHALL COORDINATE AND SCHEDULE ALL WORK TO AVOID CONFLICTS WITH ONGOING SCHOOL OPERATIONS. THE CONTRACTOR SHALL PLAN AND EXECUTE THE MILLING, PAVING, CONCRETE, DUMPSTER ENCLOSURE, STRIPING, AND RELATED IMPROVEMENTS IN A MANNER THAT MAINTAINS SAFE AND REASONABLE ACCESS TO THE SCHOOL AND DOES NOT INTERFERE WITH NORMAL SCHOOL ACTIVITIES.

PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL SUBMIT A DETAILED CONSTRUCTION SCHEDULE IDENTIFYING THE ANTICIPATED SEQUENCE AND DURATION OF THE WORK. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PROVIDING ALL LABOR, MATERIALS, EQUIPMENT, SUPERVISION, MEANS, METHODS, SEQUENCING, AND COORDINATION NECESSARY TO COMPLETE THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND WITHIN THE REQUIRED PROJECT SCHEDULE.

THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH THE OWNER AND SCHOOL REPRESENTATIVES AND SHALL MAKE NECESSARY ADJUSTMENTS TO THE WORK SCHEDULE AND CONSTRUCTION OPERATIONS TO ACCOMMODATE SCHOOL ACTIVITIES, EVENTS, DELIVERIES, AND OTHER SITE OPERATIONS.

GENERAL NOTES

1. EXISTING CONDITIONS IS BASED UPON A AERIAL IMAGERY AND SITE VISITS.
2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, EXISTING CONDITIONS AND EXISTING UTILITIES IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. ANY ERRORS OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
3. ALL PAVED AND CONCRETE AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO A CONDITION AT LEAST EQUAL TO THAT WHICH EXISTED PRIOR TO THE START OF CONSTRUCTION.
4. CONTRACTOR SHALL CONTACT THE APPROPRIATE PUBLIC UTILITIES 72 HOURS IN ADVANCE OF ANY CONSTRUCTION ACTIVITIES.
5. ALL GRASSED OR WOODED AREAS DISTURBED DURING CONSTRUCTION SHALL BE TOPSOILED AND SEEDED.
6. ALL FILL SHALL BE PLACED IN 12" LAYERS AND THOROUGHLY COMPACTED TO THE SATISFACTION OF THE ENGINEER. IF BORROW FILL IS REQUIRED. IT SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND PRESERVATION OF UNDERGROUND AND SURFACE UTILITIES AND STRUCTURES AT OR ADJACENT TO THE SITE OF CONSTRUCTION AND IT SHALL BE AT HIS OWN EXPENSE TO REPAIR OR REPLACE ANYTHING THAT THE CONTRACTOR DAMAGES.
8. ALL CONSTRUCTION MATERIALS AND METHODS SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND PENNDOT PUBLICATION 408, LATEST EDITION, UNLESS OTHERWISE NOTED.
9. THE CONTRACTOR IS RESPONSIBLE FOR DAILY MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES, PREVENTION OF RUNOFF FROM THE SITE, AND RESTORATION OF THE STREETS TO THEIR ORIGINAL CONDITIONS.
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15. THE CONTRACTOR SHALL NOTIFY DELAWARE COUNTY AND THE PROJECT ENGINEER A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
16. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE AND PROTECTION OF PEDESTRIAN AND VEHICULAR TRAFFIC.
17. MG ENGINEERING ASSOCIATES, LLC MAKES NO CLAIM AS TO THE ACCURACY OF THE UNDERGROUND UTILITIES SHOWN ON THESE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND VERIFYING THE DEPTH OF THE EXISTING UTILITIES; IN THE EVENT OF A UTILITY CONFLICT, THE ENGINEER SHALL BE NOTIFIED.
18. CONTRACTOR WILL BE REQUIRED TAKE PRE-CONSTRUCTION PHOTOGRAPHS OF ENTIRE WORK AREA.

ADA NOTES:

1. ALL ACCESSIBLE COMPONENTS AND ROUTES SHALL COMPLY WITH THE MORE STRINGENT OF THE CURRENT ADA STANDARDS FOR ACCESSIBLE DESIGN AND APPLICABLE STATE AND LOCAL ACCESSIBILITY REQUIREMENTS.
2. THE CONTRACTOR SHALL EXERCISE CARE IN CONSTRUCTING ACCESSIBLE SIDEWALKS AND CURB RAMPS. FINISHED SURFACES SHALL COMPLY WITH APPLICABLE ACCESSIBILITY REQUIREMENTS, INCLUDING THE FOLLOWING:

   A. ACCESSIBLE ROUTES SHALL PROVIDE A MINIMUM 36-INCH CLEAR WIDTH, OR GREATER WHERE REQUIRED BY THE GOVERNING AGENCY. CROSS SLOPE SHALL NOT EXCEED 1:48 (2.0%). RUNNING SLOPE SHALL NOT EXCEED 1:20 (5.0%), EXCEPT AT COMPLIANT RAMPS OR WHERE OTHERWISE PERMITTED BY APPLICABLE STANDARDS.

   B. CURB RAMPS SHALL NOT EXCEED 1:12 (8.33%) RUNNING SLOPE. FLARED SIDES, WHERE PROVIDED, SHALL NOT EXCEED 1:10 (10%). LANDINGS SHALL BE PROVIDED AS REQUIRED BY APPLICABLE ACCESSIBILITY STANDARDS.

   C. CHANGES IN LEVEL, JOINTS, GRATINGS, AND OTHER OPENINGS WITHIN THE ACCESSIBLE ROUTE SHALL COMPLY WITH APPLICABLE ACCESSIBILITY STANDARDS.

   D. THE CONTRACTOR SHALL VERIFY EXISTING GRADES AND FIELD CONDITIONS PRIOR TO CONSTRUCTION. ANY CONDITION PREVENTING CONSTRUCTION IN ACCORDANCE WITH THE PLANS OR APPLICABLE ACCESSIBILITY REQUIREMENTS SHALL BE REPORTED TO THE ENGINEER PRIOR TO PROCEEDING
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4. CONTRACTOR SHALL COORDINATE CONSTRUCTION WITH APPLICABLE LOCAL REQUIREMENTS AND THE CURRENT ADA STANDARDS FOR ACCESSIBLE DESIGN.

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No.	REVISION	DATE	BY	CHK.

CHESTER UPLAND SCHOOL OF THE ARTS

CONSTRUCTION PLANS
FOR
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PARKING LOT AND SITE UPGRADES
1450 EDGMONT AVENUE, MAIN STREET ELEMENTARY SCHOOL,
CHESTER HIGH SCHOOL, CHESTER UPLAND SCHOOL OF THE ARTS
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DRAWN BY:	DESIGN BY:	CHECKED BY:	SCALE:
CJB	MDG	MDG	AS NOTED

DATE: AUGUST 2026

JOB No.: CUSD-2026-01

SHEET No.: 5 OF 8

MAIN STREET ELEMENTARY SCHOOL

1"=30'

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KEY

= DENOTES FULL DEPTH ASPHALT PAVEMENT

= DENOTES ASPHALT PAVEMENT TO BE RESURFACED WITH 1.5" OVERLAY

= DENOTES CONCRETE PAVEMENT

SCOPE OF WORK

1. PROJECT LOCATION: MAIN STREET ELEMENTARY SCHOOL
704 MAIN STREET
UPLAND, PA 19015

THE WORK GENERALLY CONSISTS OF THE MILLING AND RESURFACING OF THE EXISTING PARKING AREA AND RESTRIPING IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND PLANS. THE WORK SHALL ALSO INCLUDE, BUT NOT BE LIMITED TO, THE INSTALLATION OF NEW CONCRETE CURB, CONCRETE SIDEWALK, ADA CURB RAMPS, AND OTHER INCIDENTAL IMPROVEMENTS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED MAINTENANCE AND PROTECTION OF TRAFFIC THROUGHOUT CONSTRUCTION. NO SEPARATE PAYMENT WILL BE MADE FOR MAINTENANCE AND PROTECTION OF TRAFFIC, WHICH SHALL BE CONSIDERED INCIDENTAL TO THE WORK.

THE CONTRACTOR SHALL COORDINATE AND SCHEDULE ALL WORK TO AVOID CONFLICTS WITH ONGOING SCHOOL OPERATIONS. THE CONTRACTOR SHALL PLAN AND EXECUTE THE MILLING, PAVING, CONCRETE, DUMPSTER ENCLOSURE, STRIPING, AND RELATED IMPROVEMENTS IN A MANNER THAT MAINTAINS SAFE AND REASONABLE ACCESS TO THE SCHOOL AND DOES NOT INTERFERE WITH NORMAL SCHOOL ACTIVITIES.

PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL SUBMIT A DETAILED CONSTRUCTION SCHEDULE IDENTIFYING THE ANTICIPATED SEQUENCE AND DURATION OF THE WORK. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PROVIDING ALL LABOR, MATERIALS, EQUIPMENT, SUPERVISION, MEANS, METHODS, SEQUENCING, AND COORDINATION NECESSARY TO COMPLETE THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND WITHIN THE REQUIRED PROJECT SCHEDULE.

THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH THE OWNER AND SCHOOL REPRESENTATIVES AND SHALL MAKE NECESSARY ADJUSTMENTS TO THE WORK SCHEDULE AND CONSTRUCTION OPERATIONS TO ACCOMMODATE SCHOOL ACTIVITIES, EVENTS, DELIVERIES, AND OTHER SITE OPERATIONS.

GENERAL NOTES

1. EXISTING CONDITIONS IS BASED UPON A AERIAL IMAGERY AND SITE VISITS.
2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, EXISTING CONDITIONS AND EXISTING UTILITIES IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. ANY ERRORS OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
3. ALL PAVED AND CONCRETE AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO A CONDITION AT LEAST EQUAL TO THAT WHICH EXISTED PRIOR TO THE START OF CONSTRUCTION.
4. CONTRACTOR SHALL CONTACT THE APPROPRIATE PUBLIC UTILITIES 72 HOURS IN ADVANCE OF ANY CONSTRUCTION ACTIVITIES.
5. ALL GRASSED OR WOODED AREAS DISTURBED DURING CONSTRUCTION SHALL BE TOPSOILED AND SEEDED.
6. ALL FILL SHALL BE PLACED IN 12" LAYERS AND THOROUGHLY COMPACTED TO THE SATISFACTION OF THE ENGINEER. IF BORROW FILL IS REQUIRED. IT SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND PRESERVATION OF UNDERGROUND AND SURFACE UTILITIES AND STRUCTURES AT OR ADJACENT TO THE SITE OF CONSTRUCTION AND IT SHALL BE AT HIS OWN EXPENSE TO REPAIR OR REPLACE ANYTHING THAT THE CONTRACTOR DAMAGES.
8. ALL CONSTRUCTION MATERIALS AND METHODS SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND PENNDOT PUBLICATION 408, LATEST EDITION, UNLESS OTHERWISE NOTED.
9. THE CONTRACTOR IS RESPONSIBLE FOR DAILY MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES, PREVENTION OF RUNOFF FROM THE SITE, AND RESTORATION OF THE STREETS TO THEIR ORIGINAL CONDITIONS.
10. UNLESS OTHERWISE NOTED, EXISTING TREES ARE TO BE PROTECTED FROM DAMAGE DURING CONSTRUCTION ACTIVITIES.
11. CONTRACTOR SHALL PROVIDE ADEQUATE TEMPORARY FENCING TO ENSURE SAFETY OF THE PUBLIC.
12. ALL PROPOSED IMPROVEMENTS THAT ARE COMPLETED OUTSIDE THE SUPERVISION OF THE PROJECT ENGINEER WILL NEED TO BE REMOVED AND REPLACED AT THE CONTRACTORS EXPENSE.
13. THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ASPHALT PAVEMENT, CONCRETE CURB, GRAVEL, AND VEGETATION FOR THE REPAIR OF THE EXISTING PIPE. ALL FEATURES WITHIN THE IMPROVEMENTS LINE ON THE SITE SHALL BE REMOVED UNLESS OTHERWISE INDICATED. ALL DISCREPANCIES SHALL BE COORDINATED WITH THE ENGINEER, PRIOR TO THE START OF THE CONSTRUCTION,
14. CONTRACTOR SHALL COORDINATE WITH LOCAL UTILITY AUTHORITIES PRIOR TO UNDERGROUND EXCAVATIONS AND CALL IN A PA-ONE CALL PRIOR TO START OF CONSTRUCTION AND DURING THE DURATION OF CONSTRUCTION AS NECESSARY TO LAWFULLY EXCAVATE.
15. THE CONTRACTOR SHALL NOTIFY DELAWARE COUNTY AND THE PROJECT ENGINEER A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
16. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE AND PROTECTION OF PEDESTRIAN AND VEHICULAR TRAFFIC.
17. MG ENGINEERING ASSOCIATES, LLC MAKES NO CLAIM AS TO THE ACCURACY OF THE UNDERGROUND UTILITIES SHOWN ON THESE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND VERIFYING THE DEPTH OF THE EXISTING UTILITIES; IN THE EVENT OF A UTILITY CONFLICT, THE ENGINEER SHALL BE NOTIFIED.
18. CONTRACTOR WILL BE REQUIRED TAKE PRE-CONSTRUCTION PHOTOGRAPHS OF ENTIRE WORK AREA.

ADA NOTES:

1. ALL ACCESSIBLE COMPONENTS AND ROUTES SHALL COMPLY WITH THE MORE STRINGENT OF THE CURRENT ADA STANDARDS FOR ACCESSIBLE DESIGN AND APPLICABLE STATE AND LOCAL ACCESSIBILITY REQUIREMENTS.
2. THE CONTRACTOR SHALL EXERCISE CARE IN CONSTRUCTING ACCESSIBLE SIDEWALKS AND CURB RAMPS. FINISHED SURFACES SHALL COMPLY WITH APPLICABLE ACCESSIBILITY REQUIREMENTS, INCLUDING THE FOLLOWING:

   A. ACCESSIBLE ROUTES SHALL PROVIDE A MINIMUM 36-INCH CLEAR WIDTH, OR GREATER WHERE REQUIRED BY THE GOVERNING AGENCY. CROSS SLOPE SHALL NOT EXCEED 1:48 (2.0%). RUNNING SLOPE SHALL NOT EXCEED 1:20 (5.0%), EXCEPT AT COMPLIANT RAMPS OR WHERE OTHERWISE PERMITTED BY APPLICABLE STANDARDS.

   B. CURB RAMPS SHALL NOT EXCEED 1:12 (8.33%) RUNNING SLOPE. FLARED SIDES, WHERE PROVIDED, SHALL NOT EXCEED 1:10 (10%). LANDINGS SHALL BE PROVIDED AS REQUIRED BY APPLICABLE ACCESSIBILITY STANDARDS.

   C. CHANGES IN LEVEL, JOINTS, GRATINGS, AND OTHER OPENINGS WITHIN THE ACCESSIBLE ROUTE SHALL COMPLY WITH APPLICABLE ACCESSIBILITY STANDARDS.

   D. THE CONTRACTOR SHALL VERIFY EXISTING GRADES AND FIELD CONDITIONS PRIOR TO CONSTRUCTION. ANY CONDITION PREVENTING CONSTRUCTION IN ACCORDANCE WITH THE PLANS OR APPLICABLE ACCESSIBILITY REQUIREMENTS SHALL BE REPORTED TO THE ENGINEER PRIOR TO PROCEEDING
3. THE CONTRACTOR SHALL VERIFY FORM GRADES AND SLOPES PRIOR TO PLACING CONCRETE. NON-CONFORMING SIDEWALK, CURB RAMPS, OR OTHER ACCESSIBLE SURFACES SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
4. CONTRACTOR SHALL COORDINATE CONSTRUCTION WITH APPLICABLE LOCAL REQUIREMENTS AND THE CURRENT ADA STANDARDS FOR ACCESSIBLE DESIGN.

EXISTING CONDITIONS NOTE

1. THE EXISTING CONDITIONS ARE BASED UPON HISTORICAL PLANS AND FIELD VISITS. CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXISTING CONDITIONS ON THE ROOF, PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER.

SITE SAFETY NOTE

1. THE CONTRACTOR IS RESPONSIBLE FOR ONSITE SITE SAFETY. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH CURRENT OSHA GUIDELINES. A SAFETY PLAN SHALL BE PROVIDED TO THE ENGINEER FOR REVIEW PRIOR TO THE START OF CONSTRUCTION.

PLAN QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	PLAN QUANTITY
5	ASPHALT MILLING, 1-1/2" DEPTH, MILLED MATERIAL RETAINED BY CONTRACTOR	SY	3,050
6	SUPERPAVE ASPHALT MIXTURE DESIGN, WEARING COURSE, PG 64S-22, 3 TO 10 MILLION ESALS, 9.5 MM MIX, 1-1/2" DEPTH, SRL-L	SY	3,135
7	SUPERPAVE ASPHALT MIXTURE DESIGN, BASE COURSE, PG 64S-22, 3 TO 10 MILLION ESALS, 25 MM MIX, 4" DEPTH, SRL-L	SY	85
8	2A COURSE AGGREGATE, 6" THICK	SY	85
9	PLAIN CEMENT CONCRETE CURB, INCLUDING PERMANENT PAVEMENT RESTORATIONS	LF	450
10	PLAIN CEMENT CONCRETE SIDEWALK	SY	912
11	PLAIN CEMENT CONCRETE SIDEWALK FOR CURB RAMP CONSTRUCTION, INCLUDING DETECTABLE WARNING SURFACES	SY	12

GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET)
1 inch = 30 ft.

ENGINEER:
MICHAEL GALANTE PE
334 W. FRONT STREET
MEDIA, PA 19063
PHONE: 1-856-404-0540

OWNER:
CHESTER UPLAND SCHOOL DISTRICT
1350 EDGMONT AVENUE
CHESTER, PA 19013

DATE:
MICHAEL D. GALANTE
PA PROFESSIONAL ENGINEER LIC. No. PE080959

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ISSUED FOR BID

ALL DOCUMENTS PREPARED BY MG ENGINEERING ASSOCIATES LLC, ARE INSTRUMENTS OF SERVICE IN RESPECT OF THE PROJECT. THEY ARE NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR REUSE BY OWNER OR OTHERS ON EXTENSIONS OF THE PROJECT OR ON ANY OTHER PROJECT.

ANY REUSE WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY MG ENGINEERING ASSOCIATES, LLC, FOR THE SPECIFIC PURPOSE INTENDED WILL BE AT OWNERS SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO MG ENGINEERING ASSOCIATES, LLC; AND OWNER SHALL INDEMNIFY AND HOLD HARMLESS MG ENGINEERING ASSOCIATES, LLC FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES ARISING OUT OF OR RESULTING THEREFROM.

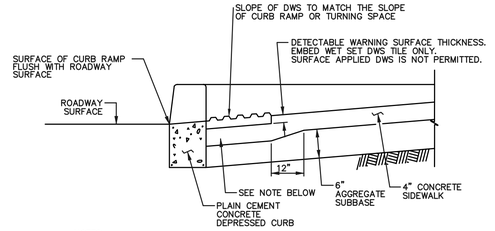
No.	REVISION	DATE	BY	CHK

MAIN STREET ELEMENTARY SCHOOL

CONSTRUCTION PLANS
FOR
CHESTER UPLAND SCHOOL DISTRICT
PARKING LOT AND SITE UPGRADES
1450 EDGMONT AVENUE, MAIN STREET ELEMENTARY SCHOOL,
CHESTER HIGH SCHOOL, CHESTER UPLAND SCHOOL OF THE ARTS
AND TOBY FARMS SCHOOL
CHESTER TOWNSHIP, UPLAND BOROUGH AND CHESTER CITY, DELAWARE COUNTY, PENNSYLVANIA

DRAWN BY	DESIGN BY	CHECKED BY	SCALE
CJB	MDG	MDG	AS NOTED

DATE: AUGUST 2026
JOB No.: CUSD-2026-01
SHEET No.: 6 OF 8

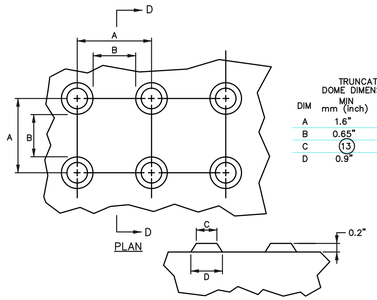


NOTES:
CONSTRUCT NOTCH AS SHOWN TO PROVIDE FULL THICKNESS SIDEWALK UNDER DETECTABLE WARNING SURFACE.

OPTIONAL: CONSTRUCT 2" MAX CONCRETE BORDER AROUND DWS TO PROVIDE PROPER INSTALLATION. SEE PEDESTRIAN PUSHBUTTON ACCESS AREAS DETAIL ON SHEET 14, FOR PLAN VIEW DETAILS.

DETECTABLE WARNING SURFACE DETAIL

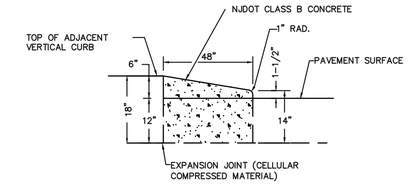
N.T.S.



DIM	TRUNCATED DOME DIMENSIONS MIN mm (inch)	MAX mm (inch)
A	1.6"	2.4"
B	0.65"	1.5"
C	(13)	(13)
D	0.9"	1.4"

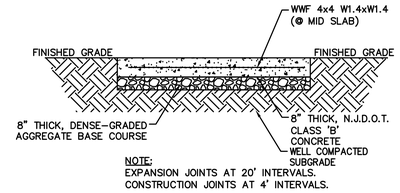
TRUNCATED DOME DETAIL

N.T.S.



CURB TAPER DETAIL

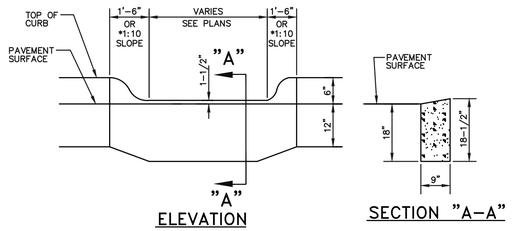
N.T.S.



NOTE:
EXPANSION JOINTS AT 20' INTERVALS.
CONSTRUCTION JOINTS AT 4' INTERVALS.

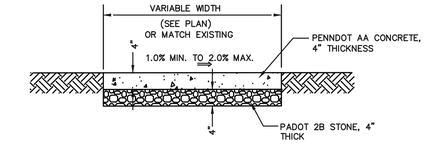
REINFORCED CONCRETE DETAIL

SCALE: N.T.S.



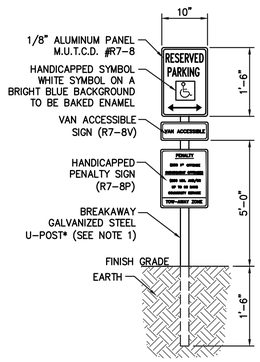
DEPRESSED CURB DETAIL –DRIVEWAYS

N.T.S.



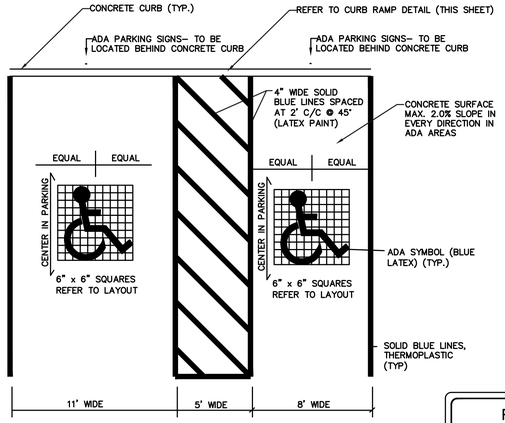
CONCRETE SIDEWALK DETAIL

N.T.S.



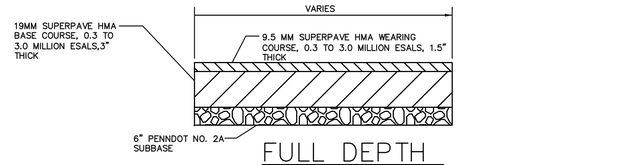
ADA PARKING SIGN

N.T.S.



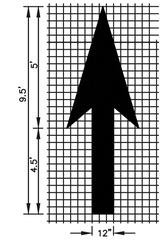
ADA PARKING DETAIL

N.T.S.



FULL DEPTH PAVEMENT AND RESTORATION DETAIL

N.T.S.



DIRECTIONAL PAVEMENT ARROWS

N.T.S.

STRIPING AND TRAFFIC MARKING NOTES:
ALL STRIPING (LONG–LIFE EPOXY RESIN) AND TRAFFIC MARKINGS (LONG–LIFE THERMOPLASTIC) SHALL CONFORM WITH PENNDOT STANDARDS.

GRID LAYOUT 6" X 6"

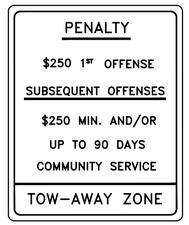
ADA SYMBOL DETAIL

N.T.S.

NOTES: 1. WHITE LEGEND ON BLUE REFLECTORIZED BACKGROUND.
2. 6" x 12" SIGN
3. TO BE INSTALLED WHEN NOTED ON PLANS

VAN ACCESSIBLE SIGN DETAIL

N.T.S.



NOTES: 1. BLACK LEGEND ON WHITE REFLECTORIZED BACKGROUND.
2. 10" x 12" SIGN

ADA PENALTY SIGN

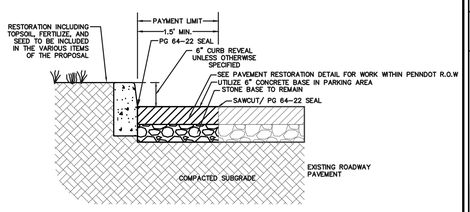
N.T.S.

NOTES:
1. MARKINGS ON CONCRETE SHALL BE EPOXY RESIN (WHITE).
2. MARKINGS ON ASPHALT SHALL BE LONG–LIFE THERMOPLASTIC.

STOPBAR DETAIL

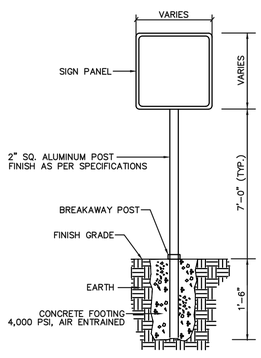
N.T.S.

STRIPING AND TRAFFIC MARKING NOTES:
ALL STRIPING (LONG–LIFE EPOXY RESIN) AND TRAFFIC MARKINGS (LONG–LIFE THERMOPLASTIC) SHALL CONFORM WITH PENNDOT STANDARDS.



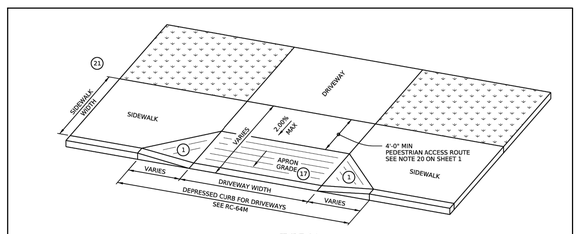
CONCRETE CURB RESTORATION DETAIL (R.O.W.)

N.T.S.

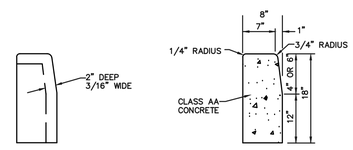


SIGN AND POST DETAIL

N.T.S.

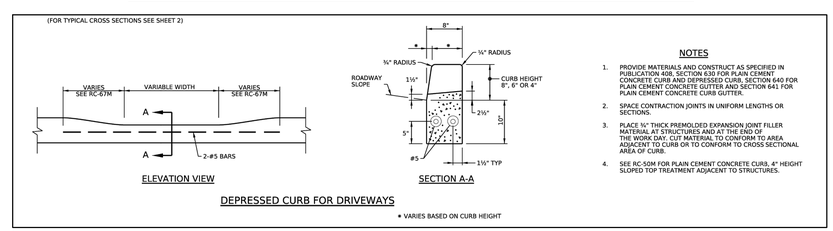


TYPE 1A
DRIVEWAY APRON



DETAIL "A"

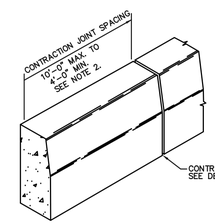
TYPICAL CROSS SECTION



NOTES

1. PROVIDE MATERIALS AND CONSTRUCT AS SPECIFIED IN PUBLICATION 408, SECTION 630 FOR PLAIN CEMENT CONCRETE CURB AND DEPRESSED CURB, SECTION 640 FOR PLAIN CEMENT CONCRETE GUTTER AND SECTION 641 FOR PLAIN CEMENT CONCRETE CURB GUTTER.
2. SPACE CONTRACTION JOINTS IN UNIFORM LENGTHS OR SECTIONS.
3. PLACE ½" THICK PREMOLDED EXPANSION JOINT FILLER MATERIAL AT STRUCTURES AND AT THE END OF THE WORK DAY. CUT MATERIAL TO CONFORM TO AREA ADJACENT TO CURB OR TO CONFORM TO CROSS SECTIONAL AREA OF CURB.
4. SEE RC-50M FOR PLAIN CEMENT CONCRETE CURB, 4" HEIGHT SLOPED TOP TREATMENT ADJACENT TO STRUCTURES.

DEPRESSED CURB FOR DRIVEWAYS



NOTES

1. PROVIDE MATERIALS AND CONSTRUCTION MEETING THE REQUIREMENTS OF PUBLICATION 408/2020, SECTION 630 FOR PLAIN CEMENT CONCRETE CURB AND DEPRESSED CURB, SECTION 640 FOR PLAIN CEMENT CONCRETE GUTTER AND SECTION 641 FOR PLAIN CEMENT CONCRETE CURB GUTTER.
2. SPACE CONTRACTION JOINTS IN UNIFORM LENGTHS OR SECTIONS.
3. PLACE 3/4" PREMOLDED EXPANSION JOINT FILLER MATERIAL AT STRUCTURES AND AT THE END OF THE WORK DAY. CUT MATERIAL TO CONFORM TO AREA ADJACENT TO CURB OR TO CONFORM TO CROSS SECTIONAL AREA OF CURB.
4. SEE RC–50M FOR PLAIN CEMENT CONCRETE CURB SLOPED TOP TREATMENT AT END OF STRUCTURES.
5. ALL CONCRETE IS TO BE PENNDOT CLASS AA
6. TOP OF DEPRESSED CURB SHALL BE SLOPED 1/4" PER FOOT TOWARDS THE STREET.
7. EIGHTEEN (18) INCHES OF ROADWAY RESTORATION SHALL BE INCLUDED IN THE COST FOR PLAIN CONCRETE CURB. THE CONTRACTOR IS RESPONSIBLE TO LIMIT THE WIDTH OF THE RESTORATION TRENCH
8. CONTRACTOR SHALL SAWCUT PAVEMENT AND EXISTING CONCRETE, AND FORM NEW CURB WITH FORMS SET ON THE FRONT AND BACK OF THE NEW CURB. FACE FORMED CURB IS NOT PERMITTED.
9. CURB SHALL BE MONOLITHIC, INDEPENDENT FROM CONCRETE SIDEWALK

PLAIN CEMENT CONCRETE CURB

N.T.S.

ENGINEER:
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OWNER:
CHESTER UPLAND SCHOOL DISTRICT
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CHESTER, PA 19013

DATE:
MICHAEL D. GALANTE
PA PROFESSIONAL ENGINEER LIC. No. PE080959

MG ENGINEERING ASSOCIATES, LLC
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ISSUED FOR BID

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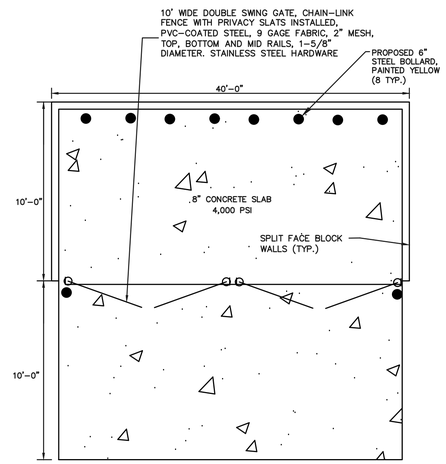
No.	REVISION	DATE	BY	CHK.

CONSTRUCTION DETAILS 1

CONSTRUCTION PLANS
FOR
CHESTER UPLAND SCHOOL DISTRICT
PARKING LOT AND SITE UPGRADES
1450 EDGMONT AVENUE, MAIN STREET ELEMENTARY SCHOOL, CHESTER HIGH SCHOOL, CHESTER UPLAND SCHOOL OF THE ARTS AND TOBY FARMS SCHOOL
CHESTER TOWNSHIP, UPLAND BOROUGH AND CHESTER CITY, DELAWARE COUNTY, PENNSYLVANIA

DRAWN BY:	DESIGN BY:	CHECKED BY:	SCALE:
CJB	MDG	MDG	AS NOTED

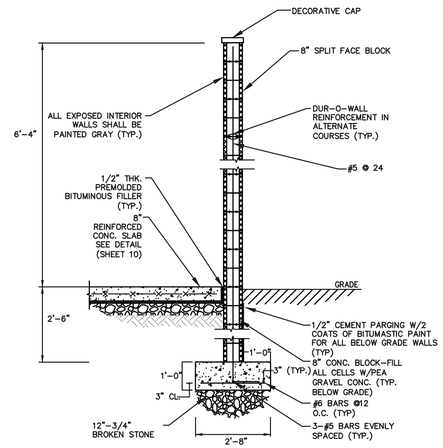
DATE: AUGUST 2026
JOB No.: CUSD-2026-01
SHEET No.: 7 OF 8



NOTE: CONTRACTOR SHALL PROVIDE A CHAIN-LINK FENCE SUBMITTAL FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION..

TRASH ENCLOSURE PLAN

N.T.S.

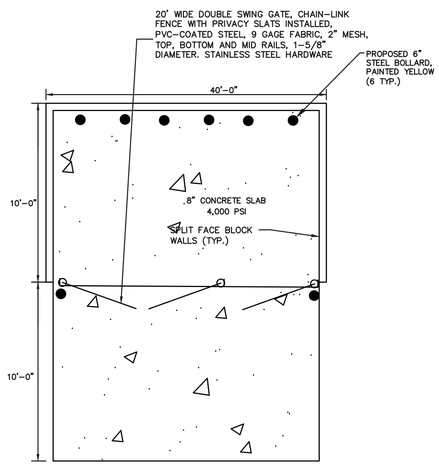


NOTES:

1. ALL CONCRETE SHALL BE AIR ENTRAINED CONCRETE.
2. ALL SPLIT FACE BLOCK AND COLORS SHALL BE APPROVED BY THE OWNER PRIOR TO INSTALLATION.

TRASH ENCLOSURE MASONRY WALL SECTION

N.T.S.



NOTE: CONTRACTOR SHALL PROVIDE A CHAIN-LINK FENCE SUBMITTAL FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION..

TRASH ENCLOSURE PLAN

N.T.S.

BEFORE YOU DIG ANYWHERE

IN... PENNSYLVANIA

STOP! CALL 1-800-242-1776 OR 811
(TOLL FREE)
PA LAW REQUIRES 3 WORKING DAYS NOTICE FOR CONSTRUCTION PHASE AND 10 WORKING DAYS NOTICE IN DESIGN STAGE
PENNSYLVANIA ONE CALL SYSTEM, Inc.

ALL TRENCHING, SHEETING AND SHORING SHALL BE IN STRICT ACCORDANCE WITH OSHA STANDARDS

ENGINEER:
MICHAEL GALANTE PE
334 W. FRONT STREET
MEDIA, PA 19063
PHONE: 1-856-404-0540

OWNER:
CHESTER UPLAND SCHOOL DISTRICT
1350 EDGMONT AVENUE
CHESTER, PA 19013

DATE:

MICHAEL D. GALANTE
PA PROFESSIONAL ENGINEER LIC. No. PE080959

MG ENGINEERING ASSOCIATES, LLC
334 W. FRONT STREET
MEDIA, PA 19063
PHONE: 1-856-404-0540
WWW.MGEASSOC.COM

ISSUED FOR BID

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No.	REVISION	DATE	BY	CHK

CONSTRUCTION DETAILS 2

CONSTRUCTION PLANS
FOR
CHESTER UPLAND SCHOOL DISTRICT
PARKING LOT AND SITE UPGRADES
1450 EDGMONT AVENUE, MAIN STREET ELEMENTARY SCHOOL,
CHESTER HIGH SCHOOL, CHESTER UPLAND SCHOOL OF THE ARTS
AND TOBY FARMS SCHOOL
CHESTER TOWNSHIP, UPLAND BOROUGH AND CHESTER CITY, DELAWARE COUNTY, PENNSYLVANIA

DRAWN BY	DESIGN BY	CHECKED BY	SCALE
CJB	MDG	MDG	AS NOTED
DATE: AUGUST 2026		SHEET No.: 8 OF 8	
JOB No.: CUSD-2026-01			