ATTACHMENT #1
S&T Committee Meeting of 08/26/2008

CONSTRUCTION NOTES

1. ALL CONSTRUCTION WITHIN THE CITY OF DOVER R-O-W SHALL BE IN ACCORDANCE WITH THE MOST RECENT VERSION OF THE CITY OF DOVER "SPECIFICATIONS, STANDARDS AND PROCEDURES FOR PUBLIC WORKS CONSTRUCTION" AND/OR AS MODIFIED BY THESE PLANS.
2. ALL CONSTRUCTION NOT SPECIFIED IN CONSTRUCTION NOTE #1 SHALL BE IN ACCORDANCE WITH THE STATE OF DELAWARE DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", DATED AUGUST 2001, WITH CURRENT REVISIONS, AND IN ACCORDANCE WITH THE MOST CURRENT VERSION OF DELDOT'S "STANDARD CONSTRUCTION DETAILS" AND/OR AS MODIFIED BY THESE PLANS.
3. PERMANENT TRAFFIC SIGNS AND MARKINGS SHALL BE IN ACCORDANCE WITH THE STATE OF DELAWARE DEPARTMENT OF TRANSPORTATION "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES MILLENNIUM ADDITION", WITH CURRENT REVISIONS AND/OR AS MODIFIED BY THESE PLANS.
4. THE CONTRACTOR SHALL NOTIFY MISS UTILITY AT LEAST THREE (3) CONSECUTIVE WORKING DAYS PRIOR TO EXCAVATION AT 1-800-282-8555.
5. THE SITE CONTRACTOR SHALL CONTACT THE CITY OF DOVER DEPARTMENT OF PUBLIC UTILITIES AT (302) 736-7070 PRIOR TO THE START OF CONSTRUCTION. A REPRESENTATIVE FROM THE CITY OF DOVER MUST OBSERVE AND APPROVE ALL CITY OWNED WATER AND SANITARY SEWER INTERCONNECTIONS AND TESTING. ALL WATER TAPS MUST BE PERFORMED BY A CITY OF DOVER APPROVED CONTRACTOR. THE PROPOSED LOCATION FOR THE EIGHT-INCH (8") WATER TAP MAY NEED TO BE ADJUSTED IN THE FIELD DUE TO CONDITIONS OF THE EXISTING MAIN. POSSIBLE CONDITIONS THAT WOULD REQUIRE TAPPING RELOCATION INCLUDE PROXIMITY TO PIPE JOINTS, OTHER TAPS, CONCRETE ENCASEMENTS, CONFLICT WITH OTHER UTILITIES, AND THE LIKE. TEST HOLES MUST BE PERFORMED BY THE CONTRACTOR TO DETERMINE THE BEST TAPPING LOCATION. THE CITY OF DOVER WILL NOT BE HELD RESPONSIBLE FOR FIELD CONDITIONS REQUIRING ADJUSTMENT OF THE TAPPING LOCATION OR FOR ANY WORK REQUIRED BY THE CONTRACTOR TO MAKE AN APPROPRIATE AND LAWFUL CONNECTION.
6. EXISTING UTILITIES ARE SHOWN IN ACCORDANCE WITH THE BEST AVAILABLE INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY AND ALLOW FOR THEIR LOCATIONS. EXISTING AERIAL UTILITIES ARE NOT SHOWN.
7. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICES. ANY DAMAGE TO THEM DURING CONSTRUCTION SHALL BE IMMEDIATELY AND COMPLETELY REPAIRED AT THE CONTRACTOR'S EXPENSE.
8. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THERE IS SUFFICIENT COVER ON ALL PIPING DURING CONSTRUCTION TO PREVENT FAILURE OF PIPES. CONTACT THE DEPARTMENT OF PUBLIC UTILITIES FOR INFORMATION.
9. ALL AREAS EXCEPT UNDISTURBED AREAS SHALL BE GRADED TO DRAIN. MINIMUM PAVEMENT GRADE TO BE 0.5% AND MINIMUM LAWN GRADE TO BE 1%.
10. ALL PROPOSED UNDERGROUND UTILITIES SHALL BE MARKED WITH 6-INCH WIDE (MIN.) METALLIC MARKING TAPE OF APPROPRIATE COLOR AND MESSAGE TO CONFORM TO THE UTILITY BURIED BENEATH IT AND SHALL BE INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS.
11. PAINT STRIPING AND GRAPHICS SHALL UTILIZE CHLORINATED RUBBER-BASED, FACTORY-MIXED, NON-BLEEDING, FAST-DRYING, BEST-QUALITY, WHITE TRAFFIC PAINT WITH A LIFE EXPECTANCY OF TWO YEARS UNDER NORMAL TRAFFIC USE.
12. ALL DISTURBED AREAS NOT COVERED BY PAVING OR BUILDING SHALL RECEIVE 4" MINIMUM OF TOPSOIL, SEED, AND MULCH. SITE CONTRACTOR SHALL PROVIDE FINISH GRADED SITE COMPLETE WITH PERMANENT SEEDING. GRASS SHALL BE ESTABLISHED IN ALL SEEDED AREAS FOR A MINIMUM OF 1 YEAR. THE CONTRACTOR SHALL WATER AS NEEDED FOR GRASS ESTABLISHMENT.
13. NO DEBRIS SHALL BE BURIED ON SITE.
14. EXCESS TOPSOIL AND/OR EXCAVATION SHALL BE DISPOSED OF AT THE OWNER'S DISCRETION. EXCESS TOPSOIL CAN BE DISPOSED OF IN NON-STRUCTURAL AREAS, I.E., NOT UNDER DWELLINGS, PAVEMENTS, WALKS, DRIVEWAYS, OR IN DETENTION FACILITY EMBANKMENTS.
15. THE CONTRACTOR IS TO COORDINATE ALL WORK WITH THE UTILITY COMPANIES INVOLVED.
16. ALL UTILITY EXCAVATION SHALL BE KEPT DRY AT ALL TIMES.
17. STORMWATER MANAGEMENT FACILITIES REQUIRE FREQUENT MAINTENANCE TO ENSURE CONTINUED PROPER FUNCTIONALITY PERTAINING TO WATER QUALITY TREATMENT AS WELL AS THE STORMWATER QUANTITY COMPONENT IN CASE THE CONVEYANCE OF LARGER STORMS IS NECESSARY. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR THE PERPETUAL MAINTENANCE AND REPAIRS OF THE PROPOSED STORMWATER MANAGEMENT FACILITIES.
18. 4" PVC PIPE SLEEVES TO BE PROVIDED FOR ALL SIGNS IN SIDEWALK AREAS.
19. SAW CUT AT THE JUNCTION OF ALL EXISTING AND PROPOSED CURB, SIDEWALK, PAVEMENT, AND FOR ALL PAVEMENT REMOVAL. MATCH PROPOSED PAVING AND CURBING ELEVATIONS TO EXISTING PAVING AND CURBING ELEVATIONS WHEREVER THEY ADJOIN.
20. REQUIRED SANITARY SEWER SEPARATION FROM WATER MAINS AND STORM SEWERS: (10 STATE STANDARDS): HORIZONTAL: 10' MINIMUM; VERTICAL: 18" MINIMUM CLEARANCE, OUTSIDE PIPE TO OUTSIDE PIPE.
21. WHEN IT IS IMPOSSIBLE TO OBTAIN THE MINIMAL 10 FOOT HORIZONTAL AND/OR 18 INCH VERTICAL SEPARATION BETWEEN WATER MAINS AND SANITARY SEWER, THE OFFICE OF DRINKING WATER MUST SPECIFICALLY APPROVE ANY VARIANCE SUPPORTED BY DATA FROM THE DESIGN ENGINEER. IF APPROVED, SANITARY SEWER MAINS WHICH ARE WITHIN MINIMUM SEPARATION DISTANCE OF EITHER EXISTING OR PROPOSED STORM SEWERS, WATER MAINS OR WATER LATERALS SHALL RECEIVE CONCRETE ENCASEMENT. ENCASEMENT SHALL EXTEND 10' ON EITHER SIDE OF ALL CROSSINGS. LAY ALL PIPING SO ONE FULL PIPE LENGTH IS CENTERED OVER CROSSING.
22. ALL DIMENSIONS ARE TO FACE OF CURB, CENTERLINE OF UTILITY, OR FACE OF BUILDING, UNLESS OTHERWISE NOTED.
23. ALL AREAS ADJACENT TO THE BUILDING SHALL BE GRADED TO DIRECT WATER AWAY FROM THE BUILDING.
24. MINIMUM COMPACTION AS DEFINED BY MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM-D1557) SHALL BE:
    PAVEMENT SUBGRADE AREAS – 95 PERCENT
    UNPAVED SUBGRADE AREAS – 90 PERCENT
25. ALL SIDEWALKS SHALL BE PROVIDED WITH BARRIER FREE ACCESS RAMPING AT ALL CORNERS AND STREET INTERSECTIONS. RAMPING SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE CITY OF DOVER STANDARDS AND SPECIFICATIONS AS WELL AS DELAWARE DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS.
26. ALL EXISTING AND PROPOSED WATER VALVE BOXES, SEWER CLEANOUT CAPS, CATCH BASIN FRAMES, UTILITY BOXES AND MANHOLE COVERS SHALL BE INSTALLED FLUSH WITH PROPOSED FINISH GRADE.
27. ALL CONCRETE PIPE SHALL BE CLASS III UNLESS OTHERWISE NOTED.
28. ALL CORRUGATED METAL PIPE SHALL BE GAUGE 14.
29. ALL HDPE PIPE SHALL BE HIGH DENSITY CORRUGATED POLYETHYLENE PIPE WITH A MANNINGS N OF 0.012 AND WATERTIGHT JOINTS IN ACCORDANCE WITH ASTM D3212 AND F1417 AS MANUFACTURED BY ADVANCED DRAINAGE SYSTEMS, OR APPROVED EQUAL.
30. ALL WATER MAIN WITHIN THE CITY OF DOVER OR DELDOT R-O-W SHALL BE CLASS 52 DUCTILE IRON PIPE. ALL WATER MAIN OUTSIDE OF THE CITY OF DOVER OR DELDOT R-O-W SHALL BE EITHER CLASS 52 DUCTILE IRON OR PVC DR 18 PIPE. ALL WATER MAIN SHALL BE INSTALLED WITH 42-INCH MINIMUM COVER FROM PROPOSED FINISHED GRADE, EXCEPT AS NOTED. ALL WATER MAIN FITTINGS SHALL BE MECHANICAL JOINT CLASS 250 DUCTILE IRON.
31. ALL NON-METALLIC WATER LINES MUST BE INSTALLED WITH A TRACER WIRE. THE WIRE SHALL BE A MINIMUM OF 12-GAUGE BLUE COATED SOLID COPPER WIRE EXTENDED UP INTO ALL VALVE BOXES. TRACER WIRE SHALL BE CONNECTED TO ALL FIRE HYDRANTS AND EXTENDED UP INTO ALL VALVE BOXES. THE DETECTION TAPE SHALL BE SIX INCHES (6") WIDE WITH THE FOLLOWING TEXT, "CAUTION BURIED WATER LINE BELOW".
32. CONCRETE THRUST BLOCKS (MIN. 3000 PSI) PLACED AGAINST UNDISTURBED EARTH SHALL BE PROVIDED AT ALL CHANGES IN WATER MAIN DIRECTION AND AT DEAD ENDS.
33. UNLESS OTHERWISE SPECIFIED, ALL CURB SHALL BE P.C.C. CURB TYPE 3, MODIFIED.
34. FOR EXACT LOCATION OF BUILDING WATER SERVICE AND SANITARY SEWER LATERAL SEE MECHANICAL/PLUMBING PLANS.
35. FOR ACCEPTANCE OF WATER, A HYDROSTATIC PRESSURE TEST IN CONJUNCTION WITH A LEAKAGE TEST IS REQUIRED IN ACCORDANCE WITH NOTE # 1.
36. ALL EXISTING SANITARY SEWER LINES AND WATER LINES NOT TO BE UTILIZED BY THE PROPOSED FACILITY MUST BE PROPERLY ABANDONED AT THE MAINS IN ACCORDANCE WITH THE CITY OF DOVER DEPARTMENT OF PUBLIC UTILITIES SPECIFICATIONS AND REQUIREMENTS.
37. ALL STORM DRAINAGE STRUCTURES SPECIFIED ON THESE PLANS SHALL BE CONSTRUCTED AND INSTALLED PER SECTION III OF THE DELDOT STANDARD CONSTRUCTION DETAILS, LATEST EDITION, UNLESS OTHERWISE SPECIFIED.
38. ALL STORMWATER MANAGEMENT FACILITIES, INCLUDING STORM DRAINS, LOCATED ONSITE SHALL BE MAINTAINED BY THE PROPERTY OWNER IN PERPETUITY.
39. PART II, CHAPTER 180, ARTICLE III, SECTION 180-10 OF THE CODE OF KENT COUNTY REQUIRES THAT "NO PERSON SHALL DISCHARGE OR CAUSE TO BE DISCHARGED ANY STORMWATER, SURFACE WATER, UNCONTAMINATED GROUNDWATER, ROOF RUNOFF, SUBSURFACE DRAINAGE, UNCONTAMINATED NONCONTACT COOLING WATER OR UNPOLLUTED INDUSTRIAL PROCESS WASTES TO ANY SANITARY SEWER". THIS SHALL INCLUDE CONDENSATE. SEC. 110-231 OF THE CITY OF DOVER CODE DEFINES STORM SEWER AS "...ANY SYSTEM USED FOR CONVEYING RAIN WATER, SURFACE WATER, CONDENSATE, COOLING WATER OR SIMILAR LIQUID WASTES EXCLUSIVE OF SEWAGE." THE CONTRACTOR, DEVELOPER, OWNER AND DESIGNERS SHALL ENSURE DURING CONSTRUCTION THAT NO ILLEGAL DISCHARGES TO THE SANITARY SEWER SYSTEM ARE CREATED WITH THE SITE IMPROVEMENTS.
40. IN THE EVENT THERE IS INSUFFICIENT FILL AND/OR TOPSOIL ON THE SITE, THE CONTRACTOR IS TO PROVIDE ADDITIONAL SATISFACTORY OFF-SITE FILL/TOP SOIL TO COMPLETE THE PROJECT REQUIREMENTS.
41. ALL WORK REQUIRED TO EFFECT THE FINAL RESULT DESCRIBED AND SHOWN SHALL BE INCLUDED IN THE CONTRACTOR'S PROPOSAL. THE CONTRACTOR IS TO COMPLETELY INVESTIGATE EXISTING CONDITIONS AFFECTING THE WORK BEFORE SUBMITTING HIS PROPOSAL.
42. MAKE CERTAIN THAT VALUE OF DEMOLISHED OR REMOVED MATERIAL ACCRUES TO THE OWNER. IT SHOULD BE TURNED OVER TO THE OWNER WHERE POSSIBLE.
43. HYDRANT CONNECTIONS BY THE CONTRACTOR ARE PROHIBITED.

THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.

ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND THE RULES AND REGULATIONS THERETO APPURTENANT

SITE PLANS
FOR
CENTRAL MIDDLE SCHOOL
AUDITORIUM RENOVATION & FIELDHOUSE ADDITION
EAST DOVER HUNDRED - CITY OF DOVER
DELAWARE

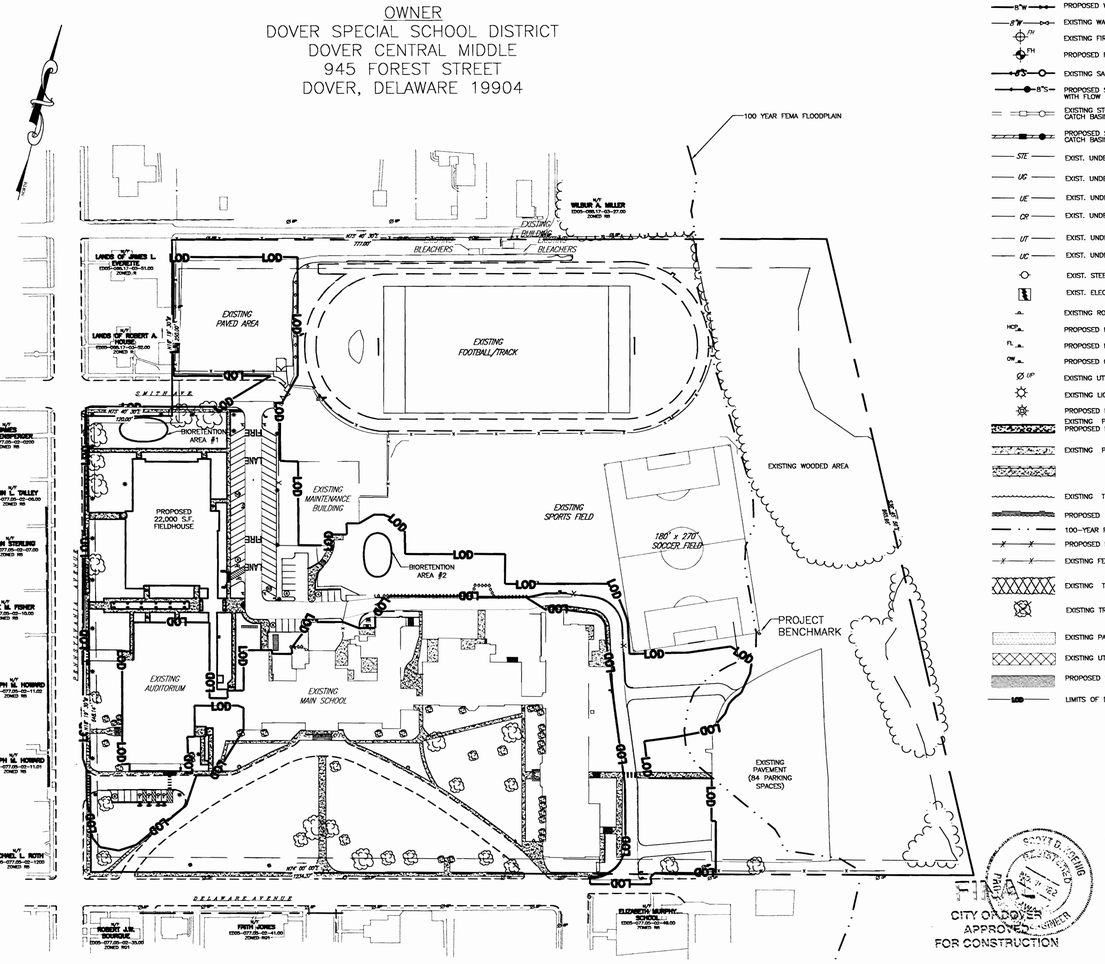
OWNER
DOVER SPECIAL SCHOOL DISTRICT
DOVER CENTRAL MIDDLE
945 FOREST STREET
DOVER, DELAWARE 19904

PLAN DATA

1. TAX PARCEL NUMBER: ED-05-068.17-03-66.00-000
2. TOTAL SITE AREA: 22.5± ACRES
3. SOURCE OF BEARINGS:
   "OVERALL SITE PLAN FOR DOVER CENTRAL MIDDLE SCHOOL" BY VANDEMARK & LYNCH, DATED MAY 6, 2002
4. EXISTING ZONING: IO
   RESTRICTIONS:
   FRONT SETBACK = 100 FEET
   SIDE SETBACK = 10 FEET
   REAR BLDG. SETBACK = 41' (MAX. PROPOSED BUILDING HEIGHT)
   MAX BLDG. HEIGHT = 130'
   MAX. NO. OF STORIES = 10
   MAX. FLOOR ARE RATIO = 4
5. PARKING REQUIREMENTS: 1 SPACE PER 8 AUDITORIUM SEATS
   - PARKING SPACES REQUIRED = 1008/8 = 126 (5 HANDICAP)
   - PARKING SPACES PROVIDED = 148 (6 HANDICAP)
   - LOADING SPACES REQUIRED = 1
   - LOADING SPACES PROVIDED = 1
7. IMPERVIOUS COVERAGE:
   - EXISTING SITE IMPERVIOUS COVERAGE= 5.80 ACRES (25.77%)
   - PROPOSED SITE IMPERVIOUS COVERAGE = 5.93 ACRES (26.35%)
8. WATER SUPPLY: CITY OF DOVER
9. SANITARY SEWER DISPOSAL: CITY OF DOVER
10. TRASH COLLECTION: THE STATE OF DELAWARE (SEE PLAN SHEET #6 FOR TRASH COMPACTOR LOCATION)
11. WETLANDS: NOT DELINEATED
12. FLOODPLAIN: PRESENT (SEE PLANS)
    A 100 YEAR FLOODPLAIN EXISTS IN THE AREA SHOWN ON THE SUBJECT PLAN IN ACCORDANCE WITH FLOOD INSURANCE RATE MAP NO. 10001C0186H, DATED MAY 5, 2003
13. DATUM: NAVD 88
    A. OVERALL BENCHMARK ELEVATION = 11.82'
       - STANDARD USC+GS T-36 STAMPED DISK STAMPED T-36, SET IN TOP OF SOUTHWEST GUARDRAIL BASE OF STATE ROUTE 8 BRIDGE OVER ST. JONES RIVER.
    B. PROJECT BENCHMARK ELEVATION = 20.77'
       - CAPPED REBAR SET NORTH OF THE EXISTING EASTERN PARKING LOT AT THE TOP OF BANK.
14. THE PERIMETER BOUNDARY INFORMATION SHOWN ON THESE SITE PLANS HAS BEEN PREPARED WITHOUT THE BENEFIT OF A TITLE SEARCH WHICH MAY REVEAL BENEFITS OR ENCUMBRANCES UPON THE SUBJECT PROPERTY NOT REVEALED BY THIS PLAN.
15. THE EXISTING CONDITIONS SHOWN ARE BASED UPON A TOPOGRAPHIC SURVEY PERFORMED BY LANDMARK ENGINEERING IN SEPTEMBER, 2007. UNDERGROUND UTILITIES SHOWN ARE BASED UPON THE AFOREMENTIONED TOPOGRAPHIC SURVEY AND "SITE PLANS FOR DOVER CENTRAL MIDDLE SCHOOL" BY VANDEMARK & LYNCH DATED 5-6-02.
16. LANDMARK ENGINEERING, INC. MAKES NO GUARANTEES AS TO THE TRUE LOCATION OF ANY BELOW GROUND STRUCTURES OR UTILITIES. EXISTING AERIAL UTILITIES ARE NOT SHOWN.
18. RPC CONDITIONS:
    AT ITS MEETING OF JANUARY 22, 2008 THE CITY OF DOVER PLANNING COMMISSION MOVED TO APPROVE THE SITE PLAN APPLICATION WITH THE CONDITIONS OUTLINED IN THE DEVELOPMENT ADVISORY COMMITTEE (D.A.C.) REPORT DATED NOVEMBER 29, 2007 AND AS LISTED BELOW:
    - THE LOOP ROAD IS TO BE A ONE WAY ROAD WITH ONE WAY OUT AT THE EXIT POINT NEAR DELAWARE AVENUE DUE TO THE NARROWNESS OF THE SPACE AT THE EXIT.
    - THE EXISTING PARKING LOT CURRENTLY LOCATED ON THE EAST SIDE OF THE SCHOOL BUILDING WILL BE ACCESSIBLE FROM THE NEW LOOP ROAD.
    - THE PARKING SPACES IN THE NEW PARKING LOT JUST EAST OF THE NEW GYMNASIUM BUILDING WILL BE CONSTRUCTED AS ANGLED PARKING SPACES IN ORDER TO BETTER INDICATE THE ONE WAY CIRCULATION OF THE LOOP ROAD.
    - SUGGESTION OF THE OPPORTUNITY FOR ADDITIONAL ANGLED PARKING ALONG THE EAST SIDE OF THE SCHOOL BUILDING FROM THE LOOP ROAD WAS GIVEN. HOWEVER, IT WAS ALSO NOTED THAT FUNDING ISSUES OR BUDGET CONCERNS MAY LIMIT THE IMPLEMENTATION OF THIS SUGGESTION. THIS IS NOT A PLAN APPROVAL REQUIREMENT, RATHER A SUGGESTION TO GAIN ADDITIONAL ON-SITE PARKING.
    - THE COMMISSION ACKNOWLEDGED SHEET PE (2-0) PRESENTED AS AN ALTERNATIVE ALIGNMENT OF THE EGRESS OF THE LOOP ROAD.
    - IF THE EGRESS LOOP ROAD CAN NOT HAPPEN THEN THE APPLICANT MUST SUBMIT AN ALTERNATIVE PLAN FOR PLANNING COMMISSION REVIEW.
17. RPC WAIVERS:
    THE FOLLOWING WAIVERS WERE GRANTED AT THE CITY OF DOVER PLANNING COMMISSION MEETING ON JANUARY 22, 2008:
    A. REDUCTION IN THE NUMBER OF REQUIRING LOADING SPACES ON THE PROPERTY AND A REDUCTION IN THE REQUIRED SIZE FOR THE ONE LOADING SPACE FOR THIS PROJECT.
    B. ELIMINATION OF PORTIONS OF THE CURBING ADJACENT TO THE PROPOSED STORMWATER MANAGEMENT FACILITIES TO ALLOW FOR THE SHEET FLOW OF STORMWATER INTO SAID FACILITIES.
18. THE STREET ADDRESS FOR THE SUBJECT PROPERTY WITHIN THE CITY OF DOVER IS 211 DELAWARE AVENUE.
19. BUILDING SQUARE FOOTAGE:
    - EXISTING FIELDHOUSE TO BE DEMOLISHED: 19,400
    - PROPOSED FIELDHOUSE: 22,000
    - PROPOSED CONNECTOR HALLWAY ADDITION: 2,500

RECEIVED
CITY OF DOVER
PUBLIC UTILITIES DEPARTMENT
WATER / WASTEWATER UTILITIES

APPROVED
☒ AS SHOWN ☐ WITH CONDITIONS
Engineering
5-21-08
Date

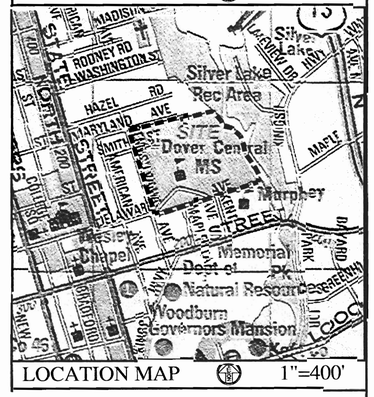


PLAN INDEX
SCALE: 1" = 100'

LEGEND

- PROPOSED TOP AND BOTTOM OF CURB ELEVATION (TC21.25 / BC20.75)
- PROPOSED SPOT ELEVATION (21.25)
- EXISTING SPOT ELEVATION (+ 24.7)
- EXISTING CONTOURS (29)
- PROPOSED CONTOURS (29)
- EXISTING CURB
- PROPOSED P.C.C. CURB, TYPE 3 MODIFIED
- PROPOSED WATER MAIN AND VALVE (8"W)
- EXISTING WATER MAIN AND VALVE (8"W)
- EXISTING FIRE HYDRANT (FH)
- PROPOSED FIRE HYDRANT (FH)
- EXISTING SANITARY SEWER AND MANHOLE (8"S)
- PROPOSED SANITARY AND MANHOLE WITH FLOW DIRECTION (8"S)
- EXISTING STORM SEWER & CATCH BASIN/MANHOLE
- PROPOSED STORM SEWER & CATCH BASIN/MANHOLE
- EXIST. UNDERGROUND STEAM (STE)
- EXIST. UNDERGROUND GAS (UG)
- EXIST. UNDERGROUND ELECTRIC (UE)
- EXIST. UNDERGROUND CONDENTISATE RETURN (CR)
- EXIST. UNDERGROUND TELEPHONE (UT)
- EXIST. UNDERGROUND COMPUTER DATA (UC)
- EXIST. STEEL BOLLARD
- EXIST. ELECTRIC TRANSFORMER
- EXISTING ROADWAY SIGN
- PROPOSED HANDICAP PARKING SIGN (HCP)
- PROPOSED FIRE LANE SIGN (FL)
- PROPOSED ONE WAY SIGN (OW)
- EXISTING UTILITY POLE (Ø UP)
- EXISTING LIGHT POLE
- PROPOSED LIGHT POLE
- EXISTING P.C.C. SIDEWALK TO BE REMOVED / PROPOSED P.C.C. SIDEWALK
- EXISTING P.C.C. SIDEWALK
- EXISTING TREE LINE
- PROPOSED TREE LINE
- 100-YEAR FLOOD PLAIN
- PROPOSED FENCE
- EXISTING FENCE
- EXISTING TREES TO BE REMOVED
- EXISTING TREE TO BE REMOVED
- EXISTING PAVEMENT TO BE REMOVED
- EXISTING UTILITY TO BE REMOVED
- PROPOSED PAVEMENT
- LIMITS OF DISTURBANCE (LOD)





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FILED
CITY OF DOVER
APPROVED
FOR CONSTRUCTION

SCOTT D. LYNCH
REGISTERED
No. 10142
STATE OF DELAWARE
ENGINEER

INDEX PLAN
FOR
CENTRAL MIDDLE SCHOOL
AUDITORIUM RENOVATION & FIELDHOUSE ADDITION
EAST DOVER HUNDRED – KENT COUNTY
DELAWARE

OWNER
DOVER SPECIAL SCHOOL DISTRICT
DOVER CENTRAL MIDDLE
945 FOREST STREET
DOVER, DELAWARE 19904
(302) 672-1500 (P)
(302) 672-1714 (F)

0 50 100 200
GRAPHIC SCALE

OWNER'S CERTIFICATION

I, THE UNDERSIGNED, HEREBY CERTIFY THAT I AM THE OWNER'S REPRESENTATIVE OF THE PROPERTY DESCRIBED AND SHOWN HEREON, THAT THE PLANS WERE MADE AT THE OWNER'S DIRECTION AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF ALL LAND CLEARING, CONSTRUCTION AND DEVELOPMENT SHALL BE DONE PURSUANT TO THE APPROVED PLANS IN ACCORDANCE WITH ALL APPLICABLE LAWS AND REGULATIONS.

Michael D. Thomas 5-14-08
DR. MICHAEL D. THOMAS DATE
CAPITAL SCHOOL DISTRICT SUPERINTENDENT

ENGINEER'S CERTIFICATION

I, KEITH R. KOOKER, P.E., HEREBY CERTIFY THAT I AM A REGISTERED ENGINEER IN THE STATE OF DELAWARE, THAT THE INFORMATION SHOWN HEREON HAS BEEN PREPARED UNDER MY SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF REPRESENTS GOOD ENGINEERING PRACTICES AS REQUIRED BY THE APPLICABLE LAWS OF THE STATE OF DELAWARE.

Keith Kooker 5-8-08
KEITH R. KOOKER, P.E., DE #10142 DATE

* Attachment "A" added to Page 7
* All Attorneys Removed

APPROVED
This plan reflects conformity with all applicable conditions of approval specified by the City of Dover Planning Commission at its meeting of 1/22/08
Name Michael D. Miller
Date Friday 2nd, 2008

Keith D. Kooker 7.18.2008
Signature Date

REVISIONS	CHECKED BY
1. DESIGN DEVELOPMENT	KRK 1-15-08
2. SITE REVIEW AGENCY SUBMITTALS	KRK 4-15-08
3. 50% CD	KRK 4-1-08
4. SITE REVIEW AGENCY SUBMITTALS #2	KRK 4-11-08
5. BID ISSUE	KRK 5-1-08
6. SITE REVIEW AGENCY SUBMITTALS #3	KRK 5-7-08

LANDMARK ENGINEERING
CIVIL AND SITE ENGINEERING SPECIALISTS
29 SOUTH STATE STREET • DOVER, DELAWARE
PHONE - (302) 734-9597 • FAX - (302) 734-3875
INFO@LANDMARKENGINEERING.COM • WWW.LANDMARKENGINEERING.COM

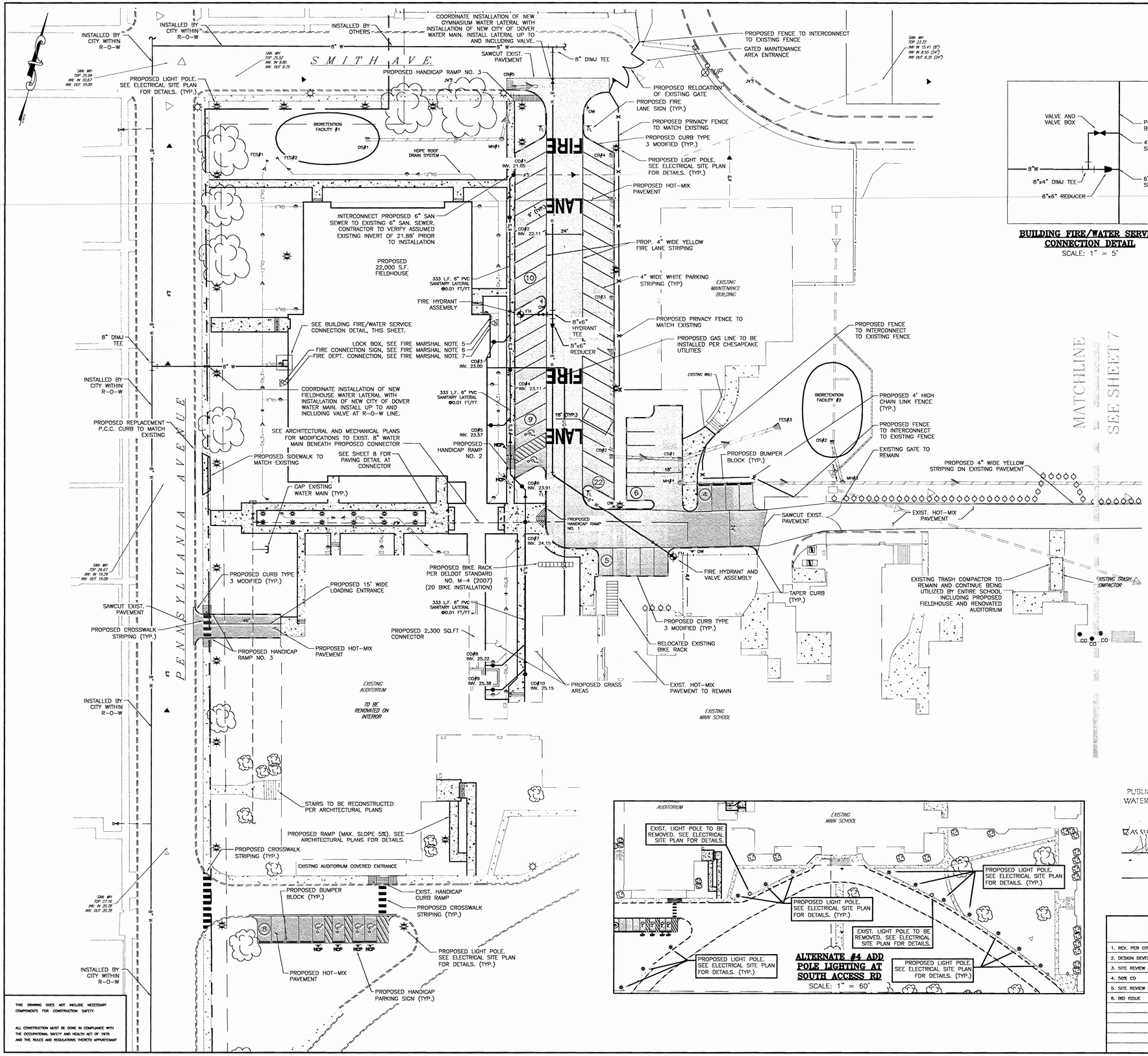
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SCALE: 1" = 100'		DRAWN BY: CDS	
DESIGNED BY: JSM	CHECKED BY: KRK	DRAWING NAME	INDEX.DWG
DATE: 11-2-07	COMM. NO. C1986-1	FILE NO. 004	

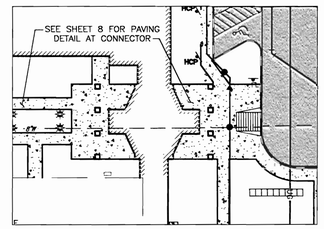
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68C - Central Middle School Capital School District

ATTACHMENT #1
S&T Committee Meeting of 08/26/2008



BUILDING FIRE/WATER SERVICE CONNECTION DETAIL
SCALE: 1" = 5'



ALTERNATE #5 ADD ENLARGED CONNECTOR
SCALE: 1" = 30'

ALTERNATE #4 ADD POLE LIGHTING AT SOUTH ACCESS RD
SCALE: 1" = 60'

FIRE MARSHAL NOTES

1. ALL FIRE LANES, FIRE HYDRANTS, FIRE LANE SIGNS, AND FIRE DEPARTMENT CONNECTIONS SHALL BE MARKED AND/OR LOCATED IN ACCORDANCE WITH PART V, CHAPTER 5 OF THE DELAWARE STATE FIRE REGULATIONS, DATED MAY 15, 1999, AND PER THE APPROVED FIRE MARSHAL PLAN.
2. ANY GAS FIRED HVAC EQUIPMENT MUST BE EQUIPPED WITH EMERGENCY CUT OFF SWITCHES REMOTELY LOCATED. ANY NATURAL OR LP GAS BOTTLES, METERS, VALVES, REGULATORS, ETC., MUST HAVE IMPACT PROTECTION. SEE MECHANICAL PLANS FOR ADDITIONAL DETAILS, IF APPLICABLE.
3. PAINT STRIPING AND GRAPHICS SHALL UTILIZE CHLORINATED RUBBER-BASED, FACTORY-MIXED, NON-BLEEDING, FAST-DRYING, BEST-QUALITY, TRAFFIC PAINT WITH A LIFE EXPECTANCY OF TWO YEARS UNDER NORMAL TRAFFIC USE.
4. THE PROPOSED BUILDINGS HAVE THE FOLLOWING DESIGN HEIGHTS, AS MEASURED FROM FINISHED GRADE:

HIGHEST OCCUPIED FLOOR:	12'-0" (FIELDHOUSE)
TOP OF PARAPET (EAVE OF HIGHEST ROOF):	30'-0" (FIELDHOUSE)
TOP OF ROOF (TOP OF BOW ROOF -ALT #1):	41'-0" (FIELDHOUSE)
HIGHEST OCCUPIED FLOOR:	15'-6" (AUDITORIUM)
TOP OF PARAPET:	35'-0" (AUDITORIUM)
TOP OF ROOF (LOW-SLOPE ROOF, BEHIND PARAPET):	33'-6" TO 34'-6" +/- (AUDITORIUM)

5. INSTALL KNOX BOX CONTAINING KEYS FOR FIRE DEPT. ACCESS PER DE STATE FIRE PREVENTION REGULATIONS, PART V, CHAPTER 1, SECTION 2.6
6. INSTALL "FIRE DEPT. CONNECTION" SIGN ALONG WALL ABOVE CONNECTION (MIN. 12" X 18").
7. THE FIRE DEPARTMENT CONNECTION FOR THE SPRINKLER/STANDPIPE SYSTEM MUST BE OF THE 5-INCH STORZ TYPE WITH A 30 DEGREE ANGLE.
8. PROPOSED BUILDING USE: SCHOOL GYMNASIUM AND AUDITORIUM LOBBY
9. THE PROPOSED BUILDING MUST BE EQUIPPED WITH A STANDPIPE SYSTEM AND A FULL FIRE ALARM SYSTEM WITH VOICE EVACUATION. BOTH THE FIRE ALARM AND SPRINKLER SYSTEMS MUST BE MONITORED BY AN APPROVED METHOD. SEE ARCHITECT'S MECHANICAL PLANS FOR ADDITIONAL DETAILS.
10. ADDRESS NUMBERS OF AT LEAST 12 INCHES IN HEIGHT MUST BE PLACED ON THE STREET SIDE OF THE BUILDING VISIBLE FROM THE INTERIOR ROAD.

GENERAL NOTES

1. THE CONTRACTOR MUST LOCATE ALL EXISTING SANITARY SEWER LINES TO THIS SITE AND MUST PROPERLY ABANDON THE LINES AT THE MAINS IN ACCORDANCE WITH THE CITY OF DOVER PUBLIC UTILITIES DEPARTMENT SPECIFICATIONS AND REQUIREMENTS.
2. WATER METERS SHALL BE A ONE (2") METER WITH ITRON ERT. THESE METERS MUST BE PURCHASED THROUGH THE CITY OF DOVER. (PLEASE CONTACT THEIR OFFICE A MINIMUM OF SIX (6) WEEKS PRIOR TO REQUIRING THIS METER REGARDING PURCHASING THE METER.) A REDUCED PRESSURE BACK FLOW PREVENTER SHALL BE INSTALLED DOWNSTREAM OF THE METERS. A WATER METER BYPASS LINE IS NOT PERMITTED FOR THIS TYPE OF BUILDING APPLICATION. METER IS TO BE INSTALLED INSIDE A MECHANICAL ROOM AS PER CITY OF DOVER REQUIREMENTS.

THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.

ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND THE RULES AND REGULATIONS THERETO APPURTENANT

CITY OF DOVER
PUBLIC UTILITIES
WATER / WASTEWATER
APPROVED
AS SHOWN
Mary Ann Quass
5-21-08

PAVING AND UTILITY PLAN 1
FOR

CENTRAL MIDDLE SCHOOL AUDITORIUM RENOVATION & FIELDHOUSE ADDITION

EAST DOVER HUNDRED – KENT COUNTY
DELAWARE

OWNER
DOVER SPECIAL SCHOOL DISTRICT
DOVER CENTRAL MIDDLE
945 FOREST STREET
DOVER, DELAWARE 19904
(302) 672-1500 (P)
(302) 672-1714 (F)

0 15 30 60
GRAPHIC SCALE

REVISIONS	CHECKED BY
1. REV. PER CITY OF DOVER PLANNING CMTS	KRK 12-6-07
2. DESIGN DEVELOPMENT	KRK 1-10-08
3. SITE REVIEW AGENCY SUBMITTALS	KRK 2-15-08
4. 50% CD	KRK 4-1-08
5. SITE REVIEW AGENCY SUBMITTALS #2	KRK 4-11-08
6. BID ISSUE	KRK 5-1-08

LANDMARK ENGINEERING
CIVIL AND SITE ENGINEERING SPECIALISTS
29 SOUTH STATE STREET • DOVER, DELAWARE
PHONE - (302) 734-9597 • FAX - (302) 734-3825
INFO@LANDMARKENGINEERING.COM • WWW.LANDMARKENGINEERING.COM

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SCALE: 1" = 30'			DRAWN BY: CDS		
DESIGNED BY: JSM	CHECKED BY: KRK		DRAWING NAME: PAV&UTIL.DWG		
DATE: 11-2-07	COMM. NO. C1986-1	FILE NO. 009	SHEET NO. 6		

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SEE SHEET 6 MATCHLINE

EXISTING SPORTS FIELD

180' x 270' SOCCER FIELD

SAWCUT EXIST. PAVEMENT

PROPOSED HOT-MIX PAVEMENT

PROPOSED 5' WIDE WALKWAY STRIPING ON EXISTING PAVEMENT

MH#2

2' HIGH WOODEN POST AND CABLE FENCE

EXIST. HOT-MIX PAVEMENT

PROPOSED SIDEWALK

EXISTING TRASH COMPACTOR

RECONSTRUCT AND REGRADE THE CONCRETE PAD AS NECESSARY TO BE FLUSH WITH THE NEW DRIVE AISLE AND EXISTING MANHOLE LID

PROPOSED HOT-MIX PAVEMENT

EXIST. HOT-MIX PAVEMENT

EXIST. STRIPING

4" WIDE YELLOW STRIPING (TYP.)

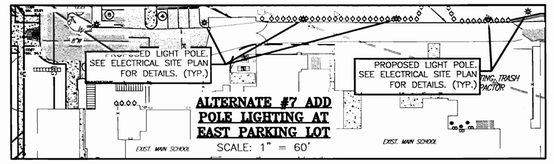
PROPOSED CROSSWALK STRIPING (TYP.)

PROPOSED HOT-MIX PAVEMENT

SAWCUT EXIST. PAVEMENT

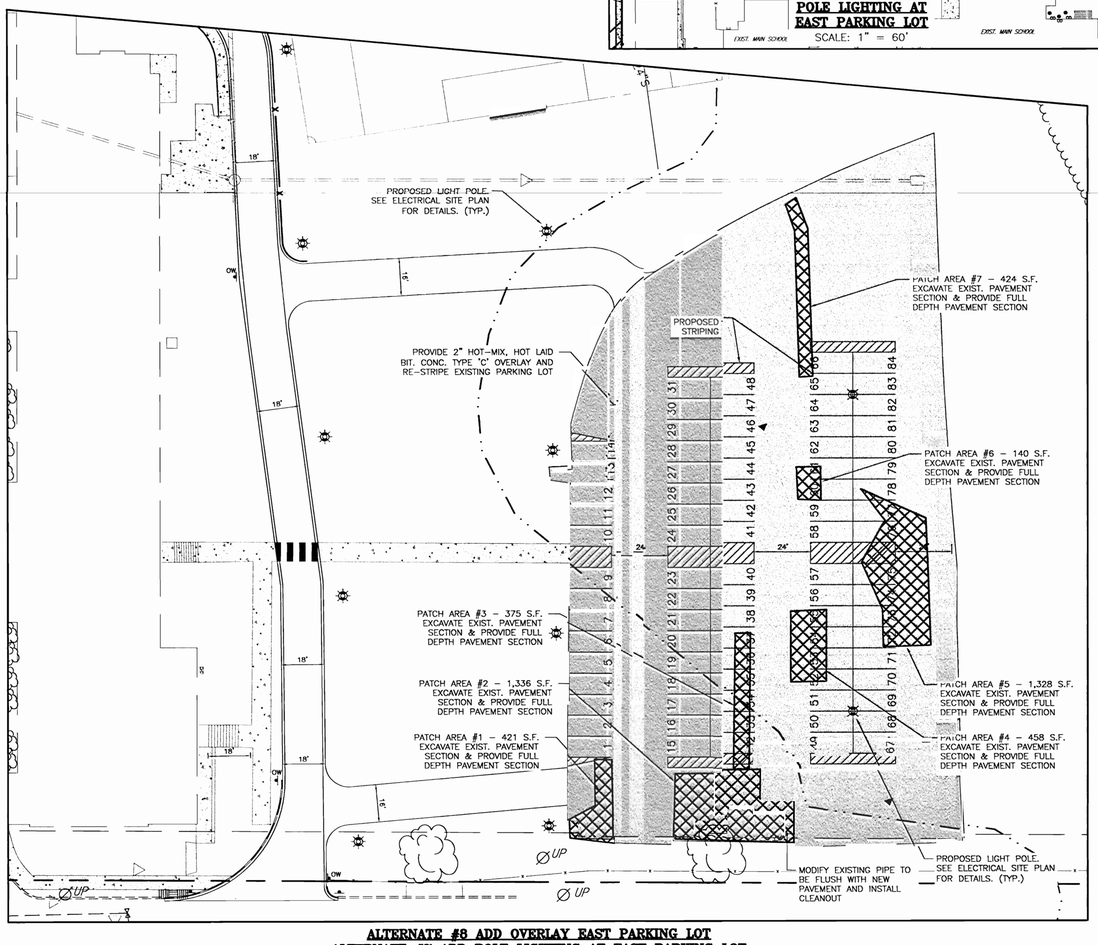
THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.

ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND THE RULES AND REGULATIONS THERETO APPURTENANT



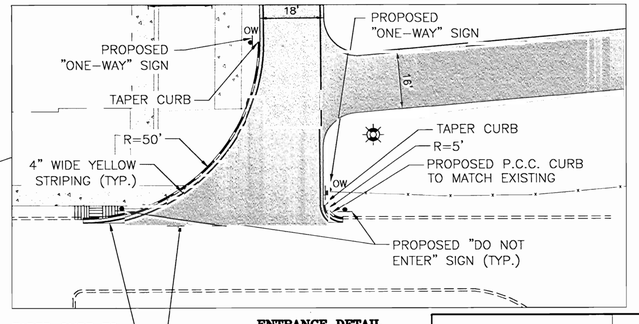
ALTERNATE #7 ADD POLE LIGHTING AT EAST PARKING LOT

SCALE: 1" = 60'



ALTERNATE #8 ADD OVERLAY EAST PARKING LOT
ALTERNATE #7 ADD POLE LIGHTING AT EAST PARKING LOT

SCALE: 1" = 30'



ENTRANCE DETAIL

SCALE: 1" = 20'

CITY OF DOVER
PUBLIC UTILITIES DEPARTMENT
WATER / WASTEWATER UTILITIES

APPROVED
☒ AS SHOWN ☐ WITH CONDITIONS

Engineering

5-21-08
Date

PAVING AND UTILITY PLAN 2
FOR

CENTRAL MIDDLE SCHOOL AUDITORIUM RENOVATION & FIELDHOUSE ADDITION

EAST DOVER HUNDRED – KENT COUNTY
DELAWARE

OWNER
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0 15 30 60
GRAPHIC SCALE

REVISIONS	CHECKED BY
1. 50% CD	KRK 4-11-08
2. SITE REVIEW AGENCY SUBMITTALS #2	KRK 4-11-08
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SCALE:	1" = 30'		DRAWN BY:	CDS	
DESIGNED BY:	JSM	CHECKED BY:	KRK	DRAWING NAME	PAV&UTIL.DWG
DATE: 2-15-08	COMM. NO. C1986-1	FILE NO. 010	SHEET NO. 7		

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Dover/Kent County Metropolitan Planning Organization
P.O. Box 383, Dover, Delaware 19903 (302) 760-2713 FAX: (302) 739-6340
http://www.doverkentmpo.org

NORFOLK SOUTHERN/MAYORS MEETING
JULY 15, 2008
Dover Police Department Community Room

RECEIVED
AUG 11 2008
Mayor/City Manager

ATTENDEES:
C. Scott Muir, NS, Government Relations DE MD NJ
Joseph Constantine, Trainmaster, NS Delmarva Business Unit
Kim Gomes, Wolf Block (consultant for NS)
Mark Anderson, Chief of Police, Town of Harrington
Mayor Wayne Stover, Town of Clayton
Mayor Carleton E. Carey, Sr., City of Dover
Mayor Robert A. Mooney, Town of Camden
Dwayne Day, DelDOT Traffic
David Campbell, DE Transit Corporation (DTC)
Glenn S. Condon, Chief of Police, Town of Cheswold
J. Allen Metheny, Sr., Kent County Emergency Management
Arthur D. Paul, DEMA
Chuck Manuszak, Chief of Police, Town of Wyoming
Wayne C. Hutchison, Emergency Management, City of Dover
Tony DePrima, City Manager, City of Dover
Juanita S. Wieczoreck, Executive Director, D/KC MPO
Joshua Waltz, D/KC MPO
Catherine Samardza, D/KC MPO

Mr. Muir distributed material providing an overview of Norfolk Southern and agreed to send additional copies to MPO staff for all attendees.

Discussion during the meeting led to the following requests:

Questions to NS that require follow-up from appropriate NS personnel:

- When did the practice of placard removal begin? Is there a way to tell when tank cars are full versus empty?
- Where is the NS security plan kept; who has access to it locally?
- Who at NS can work with DelDOT's Homeland Security Planner to improve communications? Specifically, there is insufficient communication between NS and DelDOT Homeland Security when TSA contacts DelDOT for freight rail resources or activities. An example is when TSA seeks a vulnerability assessment.
- On a recent Sunday about 20 tank cars were observed at Jello Yard along New Burton Road. What is the normal number of tank cars that would be spotted there and why were so many there at that time?

Dover/Kent County MPO

Dover/Kent County Metropolitan Planning Organization

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Action Items requested by the MPO Group of Mayors:

1. Provide a copy of the NS Security Plan to Captain Bill Harris at the DE Intelligence Analysis Center.

2. Provide capability to immediately identify the contents of a tank car and whether it is empty.

3. Provide information regarding cost and types of camera surveillance systems that could be employed along New Burton Road and Harrington Yard, with local agencies monitoring the system.

4. Provide information on the OREISIS software and Operation Respond.

5. Provide a written response to the questions listed in the December 2007 letter from DE SERC (letter provided by Art Paul DEMA).

Harrington Yard Police/Town Council items:

- ***SAFETY CONCERN:*** Liberty Street crossing condition was reported with a gap that snagged a resident in a motorized wheel chair.

- ***SAFETY CONCERN:*** Restrict hazardous chemical cars located near fairgrounds during State Fair.

- ***SAFETY CONCERN:*** Flashing lights at Route 13 near Harrington activate when train is drilling industry; investigate if signal electronics can be improved to reduce motorist ignoring flashing lights.

- Remove washing machine near dumpster and relocate dumpster from open view.

- Cut and maintain weeds along RR Avenue, at Commerce Street, and around Yard Office.

- Remove Jersey barriers near yard office.

- Center Street crossing condition is rough.

At the conclusion of the meeting, Mayor Carey asked that MPO staff provide the list of questions and requests to those attending.

CSM/crs