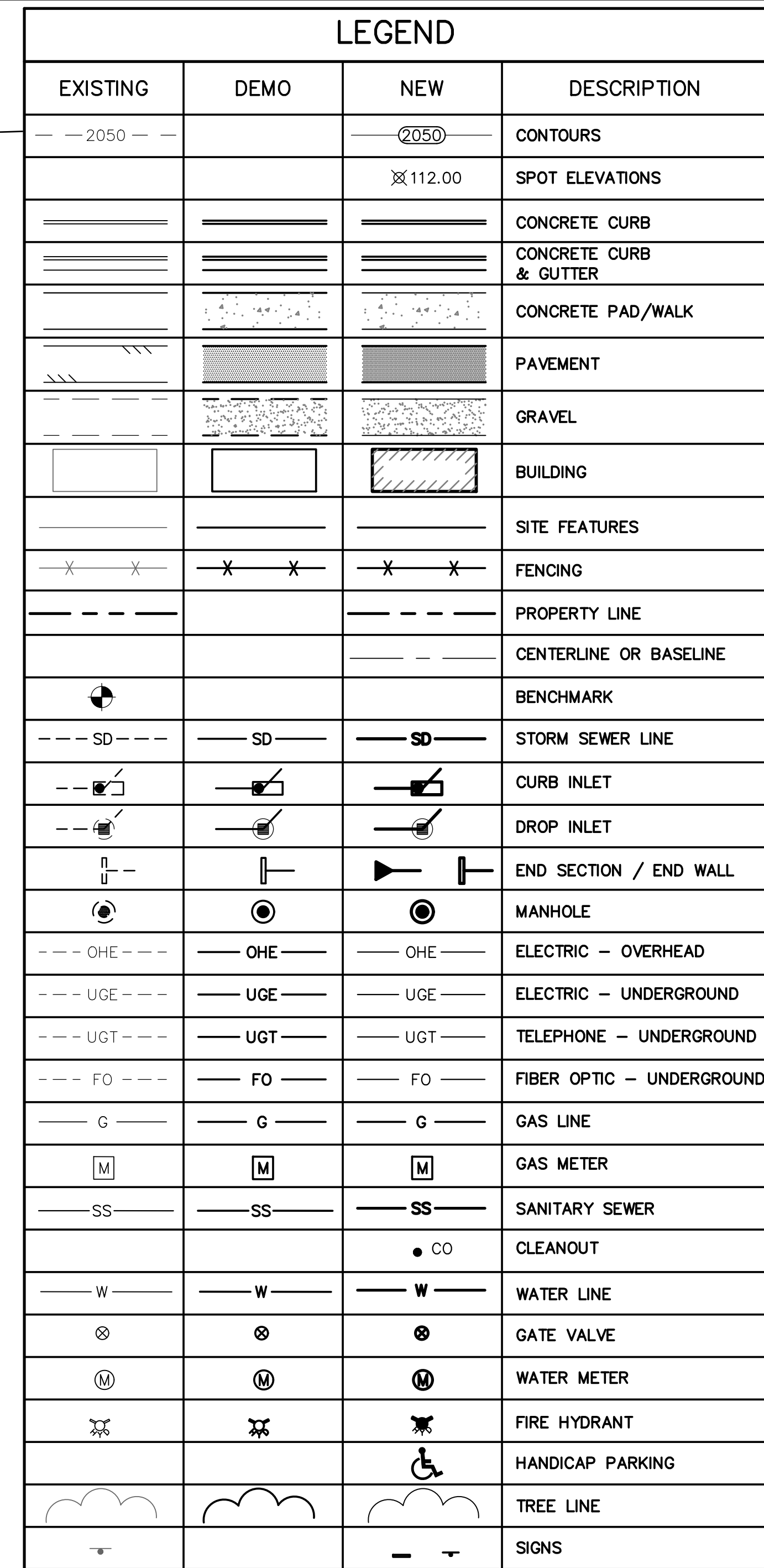


REQUIRED PARKING SPACES:
COLLEGE (1 SPACE PER 5 STUDENTS)
140 STUDENTS = 28 SPACES
ELEMENTARY SCHOOL (2 SPACES PER 1 CLASSROOM)
15 CLASSROOMS = 30 SPACES
OFFICE (1 SPACE PER 400 SF FLOOR AREA)
28,774 SF = 72 SPACES
AUTOMOBILE SERVICE STATION (3 SPACES PER SERVICE BAY)
5 SERVICE BAYS = 15 SPACES
GENERAL SERVICE/REPAIR (1 SPACE PER 2 EMPLOYEES)
1 EMPLOYEE = 1 SPACE
WAREHOUSE (1 SPACE PER 2 EMPLOYEES)
11 EMPLOYEES = 6 SPACES
TOTAL REQUIRED = 152 CAR SPACES

PARKING SPACES TO REMAIN:
70 CAR SPACES

PROPOSED PARKING SPACES
95 CAR SPACES
75 BUS SPACES

TOTAL PARKING SPACES:
165 CAR SPACES
75 BUS SPACES



TOTAL AREA:
15.80 AC.
IMPERVIOUS SURFACE AREA:
49% OF TOTAL (7.73 AC. = 336,585 S.F.)
GREENSPACE REQUIRED:
20% OF TOTAL (3.16 AC. = 137,650 S.F.)
GREENSPACE PROVIDED:
51% OF TOTAL (8.07 AC. = 351,663 S.F.)
LANDSCAPING (TREES) REQUIRED:
10% OF TOTAL (1.58 AC. = 68,825 S.F.)
LANDSCAPING (TREES) PROVIDED:
12% OF TOTAL (1.82 AC. = 79,333 S.F.)

<u>SYMBOL</u>	<u>NAME</u>
	GREENSPACE
	LANDSCAPED AREA

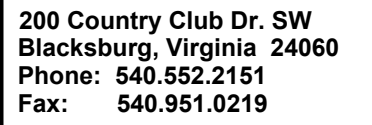


50 25 0 50 100

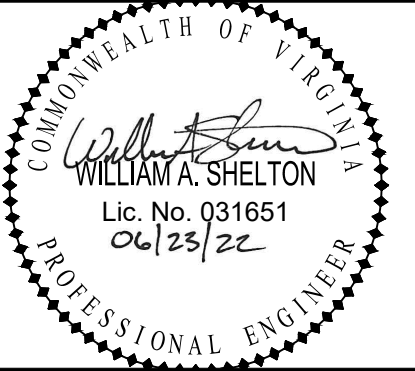
SCALE: 1" = 50' FEET

APPROVED: Engineering Date

APPROVED: Planning Date



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[illegible]

MCPS - OPERATIONS CENTER
NEW PARKING LOT
MONTGOMERY COUNTY SCHOOL BOARD
CHRISTIANSBURG, VIRGINIA

CONSTRUCTION DOCUMENTS

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OVERALL SITE PLAN FULL BUILDOUT

DRAWN

BTL

LCK

CHECKED
WAS
DATE

COMM. NO.
2020-094

C101

