

BUILDING SITE COVERAGE 16,600 SQUARE FEET.

LAYOUT NOTES:

1. LOCATION OF NEW BUILDING: WESTERN MOST FACE OF NEW BUILDING SHALL BE 55' FROM, AND PARALLEL TO, THE EAST FACE OF DUNCAN HALL. THE NORTHERN MOST FACE OF THE NEW BUILDING SHALL BE ON-LINE WITH THE NORTH FACE OF DUNCAN HALL. SEE LAYOUT NOTE 2.
2. BASELINE: THE BASELINE SHALL BE LOCATED 5' FROM, AND PARALLEL TO, THE NORTH FACE OF DUNCAN HALL.
3. LAYOUT OF PARKING LOTS BASED ON NORTHEAST AND NORTHWEST FACES OF THE NEW BUILDING. ALL DIMENSIONS ARE AT RIGHT ANGLES.
4. ALL DIMENSIONS ARE MEASURED TO FACE OF CURB, EDGE OF PAVEMENT, FACE OF WALLS AND FACE OF BUILDING WALLS.
5. EDGE OF WALK SHALL BE ON-LINE WITH EDGE OF EXISTING WALK.
6. EDGE OF WALK SHALL BE ON-LINE WITH FACE OF BUILDING.
7. CONCRETE HANDICAPPED RAMP AND ADJACENT WALK SHALL RECEIVE A HEAVY BROOM FINISH TRANSVERSE TO SLOPE.
8. EDGE OF NEW ASPHALT PAVEMENT SHALL MATCH EDGE OF EXISTING PAVEMENT.
9. FINISHED GRADE ELEVATIONS OF NEW ASPHALT PAVEMENT SHALL BE FLUSH WITH GRADE OF EXISTING PAVEMENT.
10. FINISHED GRADE ELEVATIONS OF CONCRETE WALK SHALL BE FLUSH WITH GRADE OF EXISTING WALK.
11. 4" WIDE PAINTED LINE STRIPE, MARKING PARKING SPACE. TYPICAL EACH SPACE.
12. FACE OF RETAINING WALL SHALL BE PARALLEL WITH FACE OF BUILDING.
13. NOT USED.
14. NEW ENERGY MONITORING AND CONTROLS SYSTEM, EMCS, MANHOLE. TOP ELEV. 1086.0.
15. NEW ROUTING FOR EXIST. EMCS LINES.
16. NEW UTILITY FILE BY ARD. N.I.C.
17. PATCH AND RESTORE EXIST. DRIVES, WALKS AND LANDSCAPING AS REQUIRED.
18. NEW HANDRAIL, BOTH SIDE OF WALK.
19. 4'x4' CONCRETE PAD, CENTERED ON CENTERLINE OF DOOR.

SANITARY, WATER & GAS NOTES

1. EXIST. SANITARY MANHOLE IN EXIST. 6" SAN. SEWER. RIM ELEV.: 1099.26. EXIST. INVERT: 1096.91. NEW 6" INVERT OUT: 1096.93.
2. 6" SAN. SEWER. ± 116 L.F. AT 9.48%.
3. NEW SANITARY MANHOLE. RIM ELEV.: 1090.0. 6" INVERT IN: 1082.30. 4" INVERT IN: 1084.50. 8" INVERT OUT: 1082.50.
4. 8" SAN. SEWER. ± 132 L.F. AT 11.06%.
5. NEW SANITARY MANHOLE. RIM ELEV.: 1080.25. 8" INVERT IN: 1067.90. 4" INVERT IN: 1076.50. 8" INVERT OUT: 1066.0. 15' DEF.
6. 8" SAN. SEWER. ± 238 L.F. AT 6.16%.
7. EXIST. SAN. MANHOLE. RIM ELEV.: 1055.97. 8" INVERT IN: 1051.33. EXIST. 8" INVERT IN: 1051.33. EXIST. 10" INVERT OUT: 1048.62.
8. 4" SAN. SEWER. INVERT 5' FROM BUILDING: 108.50.
9. 6" SAN. SEWER. ± 142 L.F. AT 1.0%.
10. 4" A.W. SAN. SEWER. INVERT 5' FROM BLDG.: 1085.50.
11. 4" SAN. SEWER. ± 40 L.F. AT 2.5%.
12. 4" SAN. SEWER. INVERT 5' FROM BUILDING: 1082.50.
13. 4" SAN. SEWER. ± 100 L.F. AT 6.0%.
14. PROVIDE CONNECTION FOR NEW 3" DOMESTIC WATER LINE.
15. 3" DOMESTIC WATER LINE.
16. PROVIDE TAPPING SLEEVE + VALVE FOR 2" EXIST. TO NEW 3" D.W. LINE.
17. 8" FIRE WATER LINE.
18. FIRE HYDRANT (PUMPER).
19. FIRE DEPARTMENT CONNECTION.
20. VALVE VLT. LOCATED 5' NORTH WEST OF EXISTING VALVE VAULT. TEE, VALVES & VAULT BY CITY OF ROANOKE.
21. GAS LINE. PROVIDE CONNECTION TO EXIST. 3/4" GAS LINE. N.I.C.
22. GAS METER. N.I.C.
23. SEE WATER LINE ROUTING MAP, SHEET C1.1, FOR CONTINUATION OF 8" F.W.
24. SEE SITE LAYOUT AND UTILITY PLAN, SHEET C1.1, FOR CONTINUATION OF 8" F.W.
25. NEW SAN. MANHOLE. RIM ELEV.: 1070.0. 6" INV. IN: 1075.51. 6" INV. OUT: 1075.0.
26. 2" DOMESTIC WATER LINE.
27. CONNECT NEW 2" DOMESTIC WATER LINE TO EXISTING.

ELECTRICAL NOTES:

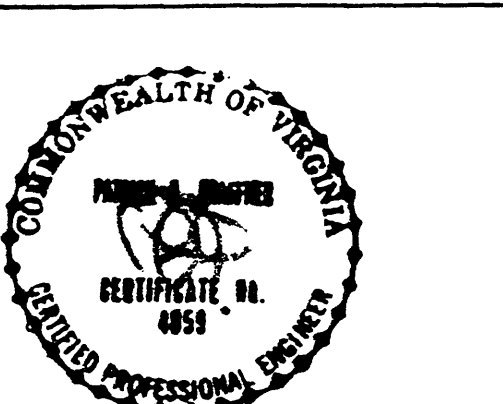
1. FOR CONT. SEE WATER LINE ROUTING MAP, THIS DWG.
2. FOR CONT. SEE DWG. E.2.1.
3. PROVIDE 4" EC FROM EXIST. CAP MANHOLE, UNDER SIDEWALK TO A POINT 5'-0" BEYOND EDGE OF SIDEWALK. INSTALL @ 24" BEL GRADE. CUT + PATCH MANHOLE AS REQ'D. SEAL PENETRATION WATER TIGHT.
4. TYPE (20) LGT. FIXT. CONN. TO CKT. 1HA-9 THRU LGT. CONT. 'A'.
5. TYPE (20) LGT. FIXT. CONN. TO CKT. 1HA-9 THRU LGT. CONT. 'B'.
6. TYPE (20) LGT. FIXT. CONN. TO CKT. 1HA-9 THRU LGT. CONT. 'A'.
7. TYPE (20) LGT. FIXT. CONN. TO CKT. 1HA-9 THRU LGT. CONT. 'B'.
8. ROUTING OF EMER. FOR 4" A.T.S. CONTROL WIRING ABV. 1" FL. CUG.
9. APPROX. LOCATION OF EXIST. A.T.S.

SITE LAYOUT AND UTILITY PLAN SCALE: 1" = 30'



NO.	DESCRIPTION	DATE
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REVISIONS



SFCs

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DESIGNED BY CRC/J3	DRAWN BY J3
CHECKED BY JND	APPROVED BY SWS

PROJECT TITLE

VIRGINIA WESTERN
COMMUNITY
COLLEGE
LABORATORY/
CONTINUING
EDUCATION BUILDING

SHEET TITLE

SITE LAYOUT
AND UTILITY
PLAN

COMM. NO. 88031	DATE 12-1-89
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DRAWING

C1.1

SHEET

4 of 45

BASE SHEET	CB1/CB1
CIVIL	C1.1/C1.1
ARCH	
STRUCT	
MECH	
ELECT	
MISC	
COMPOSITE	C1.1/C1.1
SHEET NO.	
COMM. NO.	88031

PRELIMINARY
11-25-92