SKEB 36 END BOX

10'-0" | 10'-0" | 10'-0" | 10'-0" | 10'-0"

5 PIECES OF FVK 366 EDGEWISE BUSWAYS EACH 10'-0" LONG = 50'-0"

24" X 24" EDGEWISE ELBOW EIE 366

3 PIECES OF FVK 366 EDGEWISE BUSWAYS, EACH 10'-0" LONG

10'-6"

GABLE TAP BOX SKGB 36

EAST WALL MAIN LAUNDRY BLDG.

17'-8"

SKEB 36 END BOX

2 PIECES OF FVK 366 EDGEWISE BUSWAYS EACH 10'-0" LONG = 80'-0"

MAIN LAUNDRY BLDG.

SKEB 36 END BOX

48" X 24" EDGEWISE TEE

10'-0" | 10'-0" | 10'-0" | 10'-0" | 10'-0" | 10'-0"

8 PIECES OF FVK 366 EDGEWISE BUSWAYS EACH 10'-0" LONG = 80'-0"

1 PC. OF FVK 366-5 EDGEWISE BUSWAY 5'-0" LONG

1 PC. OF FVK 366 EDGEWISE BUSWAY 10'-0" LONG

40'-11"

2 ONLY NO. 72326-3 POLE-3 FUSE-600 AMPERE SWITCHES

CABLE TAP BOX SKGB 36

18'-7 1/2"

SOUTH WALL MAIN LAUNDRY BLDG.

DEEPEN THIS EXISTING MANHOLE IF NECESSARY

CONDUIT TO BE NOT LESS THAN 2'-0" FROM BOTTOM OF MANHOLE

THIS END OF CONDUITS TO BE 3 1/2" LOWER THAN END AT CONDULETS

EXISTING ELECTRICAL MANHOLE

DEPTH OF CONDUIT TO BE DETERMINED IN THE FIELD TO MEET CONDITIONS THAT ARISE.

CONCRETE SLAB & ENCASEMENT

- NOTE -

3 CONDUITS ONLY, WILL BE USED AT PRESENT, EACH CARRYING 6 ONLY, NO. 0000 CABLE, TOTALING 18 CABLES THAT ARE REQ'D.

3" DIA. CONDUITS FROM 'LB' CONDULETS INSIDE OF NORTH WALL OF CHEMICAL DOSING ROOM TO EXISTING MANHOLE.

4'-7"

3'-10"

3'-3"

GROUND LEVEL

EXISTING NORTH WALL

SIDE ELEVATION

CONDULETS - 4 'LB' TYPE REQ'D

90° ELLS - 12" RAD.

4 - 3" DIA. CONDUITS TO RUN FROM PANEL BUS-BARS TO 'LB' CONDULETS.

EXISTING LAUNDRY ANNEX CHEMICAL DOSING ROOM

EXISTING FLOOR

29'-1"

WEST WALL

WEST PIPE

EXISTING ELECTRICAL MANHOLE

CONCRETE SLAB & ENCASEMENT

4 - 3" DIA. CONDUITS FROM 'LB' CONDULETS INSIDE OF NORTH WALL OF CHEMICAL DOSING ROOM TO EXISTING MANHOLE.

CONDUITS TO BE ON 6" CENTERS WITH THE OUTSIDE OF WEST PIPE 3" FROM INSIDE OF WEST OF EXISTING MANHOLE.

EXISTING NORTH WALL

29'-1"

EXISTING EAST WALL

4 - 3" DIA. CONDUITS TO RUN FROM PANEL BUS BARS TO 'LB' CONDULETS.

EXISTING LAUNDRY ANNEX CHEMICAL DOSING ROOM

NEW PANEL

NEW LOCATION OF EXISTING PANEL

NEW 4'-6" X 4'-6" X 6'-6" MANHOLE

4'-3"

44'-8 1/2"

9 3/8"

12 3/8"

2 - 4 WAY DUCTS - EACH BORE 3 1/2" SQ.

CONCRETE SLAB & ENCASEMENT

EXISTING VENTS FOR TRANSFORMER VAULT.

EXISTING WALL OF TRANSFORMER VAULT

EXISTING SOUTH WALL

8 - 3" DIA. CONDUITS

PLAN VIEW

MAIN LAUNDRY

STORAGE

GARAGE

LAUNDRY ANNEX

LAUNDRY ANNEX CHEMICAL DOSING ROOM

EXISTING ELECTRICAL MANHOLE

EXISTING TRANSFORMER VAULT VENTS

NEW MANHOLE

NEW PANEL

PLOT PLAN
NO SCALE

EXISTING RAFTERS

4 - 3" DIA. CONDUITS FROM PANEL BUS BARS TO NORTH WALL OF BLDG. CONDUITS TO BE SUSPENDED FROM RAFTER BY HANGERS.

NEW PANEL

LAUNDRY ANNEX CHEMICAL DOSING ROOM

EAST WALL OF EXISTING CHEMICAL DOSING ROOM

EXISTING EAST WALL OF LAUNDRY ANNEX

NEW LOCATION OF EXISTING PANEL

EXISTING FLOOR

3" DIA. CONDUIT PIPE

NEW 4'-6" X 4'-6" X 6'-6" MANHOLE

44'-8 1/2"

GROUND LEVEL

4 WAY DUCT EACH BORE 3 1/2" SQ. - 2 DUCTS REQ'D

CONCRETE SLABS

6TR. LINE OF VAULT VENTS

SIDE ELEVATION

ELECTRICAL SERVICE LAUNDRY REMODELING

OFFICE OF THE CONSTRUCTION ENGINEER — LORTON, VA.

D.C. DEPT OF CORRECTIONS

SCALE 1/4" = 1 FT.

DRAWN BY: HAF	CHECKED BY:	DATE: 3/4/48