



To Solve "To Place" "To Stay"

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Architecture
Engineering
Construction

CONSULTANTS



PROJECT TITLE

DOY VOLUNTEER
FIRE DEPT
Headquarters
and Shop
Pennington County,
South Dakota

DATE: 10/26/07
DRAWN BY: JMS
CHECKED BY: JMS
DATE: 10/26/07

SHEET TITLE
SITE LAYOUT

1. FLAG POLE AND FOUNDATION. FIELD VERIFY LOCATION & ARCHITECT. SEE SHEET C-301 FOR DETAIL.
2. SEE HANDICAPPED PARKING LAYOUT DETAIL ON SHEET C-301.
3. INSTALL 1000 GALLON HOLDING TANK PER 2143.0175 OF THE SOUTH DAKOTA CODE. CHECK ACCESS MATCH TO SURFACE AND INSTALL 4" X 24" FIBER COLLAR AROUND THE TANK. ALARM AT 1' FOOT BELOW INLET ELEVATION. FIELD VERIFY LOCATION AND INVERT ELEVATION.
4. TRANSFORMER PAD TO BE SUPPLIED BY RMP.
5. 44" X 40" CU PAD (TYP) SEE DETAIL SHEET C-301. SEE MECHANICAL/ELECTRICAL DRAWINGS FOR FURTHER DETAILS.
6. COMMUNICATIONS INSTALLATION (SHOWN AS UTI) TRENCH AND INSTALL 3" CONDUIT FOR DIRECT TELEPHONE LINES BY THE LOCATION SHOWN. EXHUME MATERIAL, DEPTH AND INSTALLATION SHALL BE PER OWNER SPECIFICATIONS. INSTALL 2" CONDUIT FOR FUTURE RECOMMEND COMMUNICATIONS WIRING IN SAME TRENCH. CONDUIT MATERIAL, DEPTH AND INSTALLATION SHALL BE PER RECOMMEND COMMUNICATIONS SPECIFICATIONS.
7. POWER SERVICE - APPROXIMATELY 348 FEET FROM POWER MAIN TO TRANSFORMER - CONTRACTOR TO EXHUME TRENCH, SET AND BACKFILL - RMP TO SUPPLY WIRE - CONTRACTOR TO INSTALL 3-1/2" DRY GROUND TO PVC CONDUIT AT ROAD CROSSINGS - INSTALL TRENCH BORDERS, CONDUIT AND BACKFILL IN ACCORDANCE WITH SOUTH DAKOTA SPECIFICATIONS. CONTRACTOR SHALL ALSO EXPOSE THE WIRE ON THE FAR SIDE OF THE ROAD AND SHALL PAY FOR THE TRANSFORMER BARGAIN.

OCT 18 2007

Rapid City Growth
Management Department

RECEIVED

SANITARY SEWER CONNECTION IN THIS AREA - SANITARY SEWER OUTSIDE BUILDING BY OTHERS - SEE SHEET C-104 (FOR INFORMATION ONLY)

ASSUMED LOCATION OF NEW ROAD - FIELD VERIFY

CONTRACTOR TO INSTALL APPROXIMATELY 240 LF 1.25" PVC PIPE FROM WELL TO BUILDING. MAINTAIN 8" BURY DEPTH.

6 PRECAST CONCRETE WHEEL STOP - PLACE 2" FROM SIDEWALK - INSTALL USING 1/2" HD 5 REBAR OR AS RECOMMENDED BY MANUFACTURER (FOR BOW HANDICAPPED SPECIES) CONCRETE (SEE 84/C-501) ALIGN 1/4" ACCESS RABLE W/EDGE OF STOOP

THICKENED EDGE SIDEWALK - SEE DETAIL SHEET C-502

NOTE: STORM SYSTEM AND DRAINFIELD BY OTHERS - SANITARY PIPE WILL BE BROUGHT TO WITHIN 5' OF NEW BUILDING BY OTHERS

2-4" CONDUIT AT ROAD CROSSING TO WEST - LENGTH IS APPROXIMATELY 30' - FIELD VERIFY (CONDUIT IS EXISTING)

INSTALL 6" PVC 2" FROM EDGE OF ROAD

INSTALL 2" TAPPING SADDLE & CUMP STOP

INSTALL 2" CURB STOP 2' FROM EDGE OF ROAD

6" X 90' BOW WITH/OUT BLOCK

CONNECT TO EXISTING 6" WATERLINE USING AN 4" X 6" REDUCER

EXISTING 6" WATERLINE

TO BE REMOVED

GENERAL CONTRACTOR TO CONDUIT & CONNECT TO WATER AND ELECTRIC FROM WELL

NEW BUILDING (BASEMENT)

NEW BUILDING

3" GAS LINE

CONNECT TO EXISTING GAS POWER AND COMMUNICATIONS

NO STORAGE - SHOWN FOR PARKING COUNT ONLY

UTILITY CONTACTS

CASE SUITE
BLACK HILLS POWER AND LIGHT
605-361-1315

KOHN NELSON
ENR
605-276-4720

HURRY WOPER
WIDECOMMUNICATIONS
605-353-4021

WATERMAIN AND STORM SYSTEM INSTALLED BY
SCHWAB CONSTRUCTIONS INC.
SOUTH DAKOTA
605-718-2275

LEGEND
--- WATER LINE
--- UNDERGROUND COMMUNICATIONS
--- GAS LINE
--- LANDSCAPE POWER

BASE Bldg - DRAWN IN SHADDED AND HATCHED AREA SHALL BE GRAVEL (SEE 82/C-501)

ALTERNATE #1 DRIVE AREA SHALL BE ASPHALT PAVEMENT (SEE 84/C-501)

BASE Bldg - PARKING IN SHADDED AREAS SHALL BE GRAVEL (SEE 83/C-501)

ALTERNATE #2 PARKING AREA SHALL BE ASPHALT PAVEMENT (SEE 83/C-501)