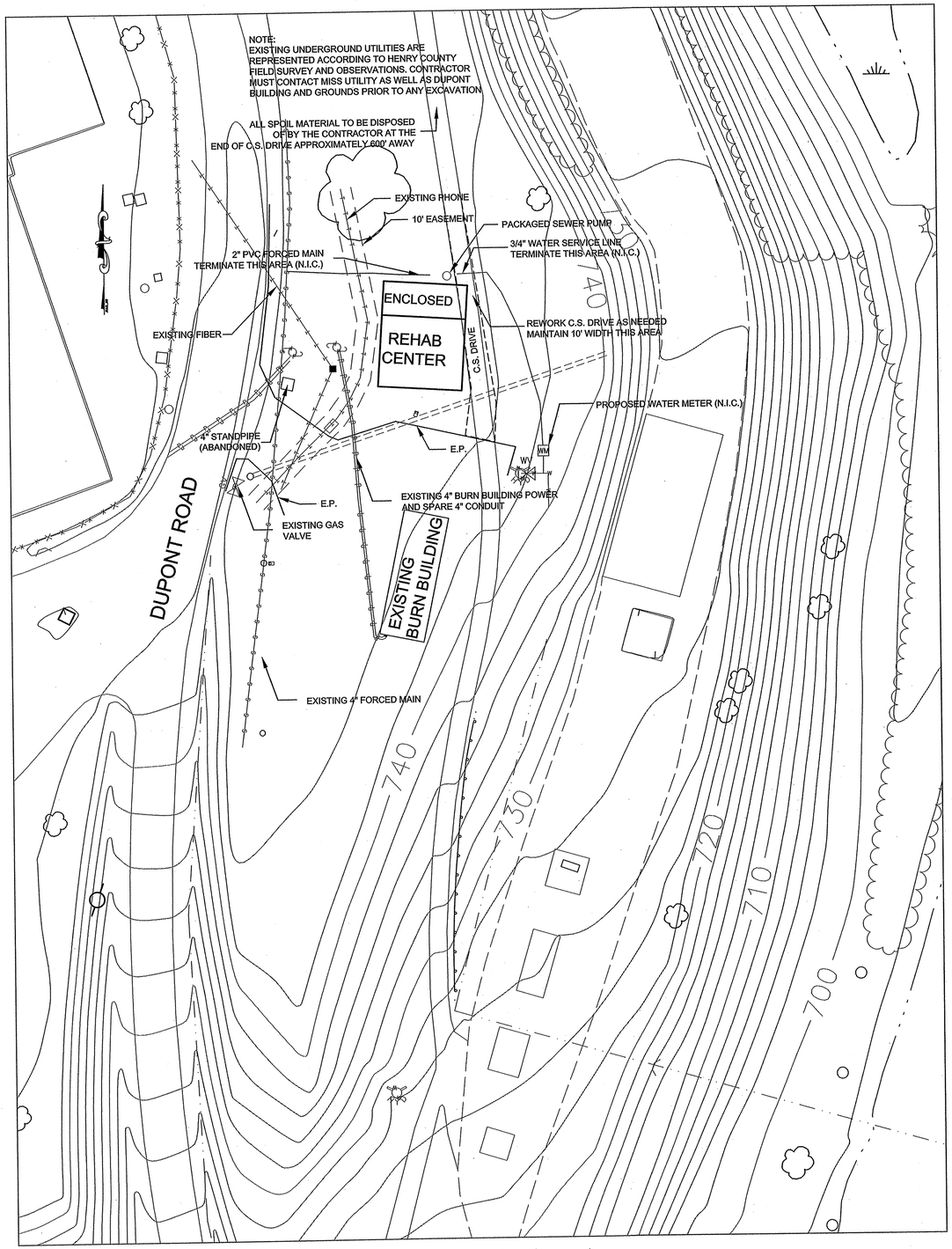
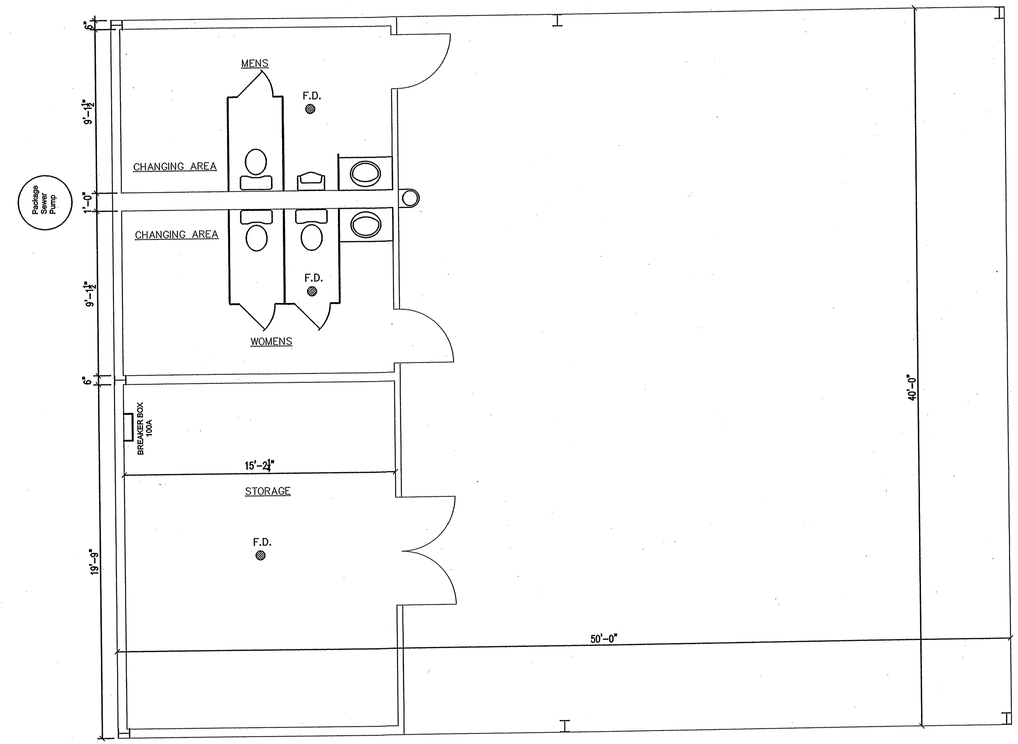


SCALE 1" = 30'



SCALE 1/4" = 1'

Technical Specifications

General

Design and construct a 40' X 50' unloading and training area for students at the Henry County Public Safety Departments burn building. All construction is to meet the requirements of the Virginia Uniform Statewide Building Code as well as all other state and local codes. It is the contractors' responsibility to obtain all necessary permits. This facility is not required to be A.D.A. compliant.

It is the intent of this contract to provide a complete and functioning building. Coordination of this project is the responsibility of the General Contractor. It is the responsibility of the contractor to contact Miss Utility as well as DuPont Building and Grounds to locate underground utilities prior to any excavation. The building floor plan is to be adjusted by the contractor as necessary to accommodate building steel and restroom compliance with codes.

Drawings for foundations, steel, plumbing, mechanical and electrical shall be submitted to the owner for approval before construction.

Building

Building shall be 40' X 50' with 40' clear span, 25' column spacing with a 12' eave height as manufactured by Champion Buildings (800-942-6812) (or approved equal). The building shall consist of 34' X 40' open area and 16' X 40' enclosed area with two 36" single doors and one 72" double door. All doors are to be insulated and lockable. Double door shall also have dead bolt lock. All locks to be keyed according to H.C.P.S. requirements. Building shall be supplied with gutters and downspouts. Provide precast splash blocks for all downspouts. Doors and partitions shall be located as indicated on plans. Building manufacturer shall submit stamped engineered drawings for building structural steel and foundation design. Floor slab shall be 4" thick 3,000 psi concrete.

Exterior walls are to be selected from building manufactured standard styles and colors. Interior walls as well as the interior face of exterior walls shall be 5/8" thick gypsum wall board primed with 2 finish coats paint (color to be selected by owner). Partition walls shall extend from floor to roof deck. C.M.U. is an acceptable alternative to G.W.B. All walls are to be insulated. Toilet room partitions are to be 1" thick complete with stall doors. Toilet rooms are to be complete with paper holders and mirrors. Base bid shall not include interior partitions or finishing of the interior of exterior walls. Alternative shall include all remaining work.

Plumbing

Mens room is to consist of 1 commode, 1 urinal, 1 lavatory and 1 floor drain. Ladies room is to consist of 2 commodes, 1 lavatory and 1 floor drain. Storage room is to have 1 floor drain. Lavatories are to have 36" vanities. Supply and install water heater in mens room vanity. Supply and install 1 freeze-proof non-refrigerated drinking fountain in open area on partition wall and 1 freeze-proof wall hydrant on buildings exterior. Water meter with service to the building as well as forced main extension is to be installed by the owner where indicated on drawings. Supply and install a packaged sewer pump equal to a Zoeller model 912-1093 complete with automatic controls and audible high level alarm. Base bid shall include interior underground rough in only. Alternative shall include all remaining work.

Electrical

Electrical service shall be from existing burn building as indicated on plans. Reroute existing spare 4" conduit from power pole to building as needed and from stub up at burn building to existing burn building breaker box. Install breaker in existing burn building breaker box for feed to rehab center. Supply and install panel box for rehab center in storage area. Restrooms and storage area shall be illuminated sufficiently to meet applicable code requirements. Supply and install unit heaters to maintain the temperature within restrooms and storage area to 45 degrees Fahrenheit for freeze protection. Supply and install restroom ventilation as per the Uniform Statewide Building Code. Sufficient ground fault receptacles shall be installed to meet code requirements in each space. All fixtures are to be suitable for commercial exterior application. Base bid shall include all underground work as well as panel box and work required to energize it only. Alternative shall include all remaining work.

COMMONWEALTH OF VIRGINIA
JEFFREY T. TURTON
Lic. No. 41967
12/08
PROFESSIONAL ENGINEER

HENRY COUNTY PUBLIC SAFETY
Henry County, Virginia
P.O. BOX 7
3300 KINGS MOUNTAIN ROAD
COLLINSVILLE VA, 24078
PHONE (276) 634-2568

REHAB CENTER
BID # 08-01243-2603

HORSEPASTURE MAGISTERIAL DISTRICT
HENRY COUNTY, VIRGINIA

REV.	DESCRIPTION	BY	DATE

PROJECT: DUPONT SHELTER 121407
DRAWN BY: JTT
DESIGNED BY: JTT
CHECKED BY: TWP
DATE: DEC. 17, 2007
PLAN #: 1008-01-C
SCALE: AS NOTED
SHEET: 1 OF 1