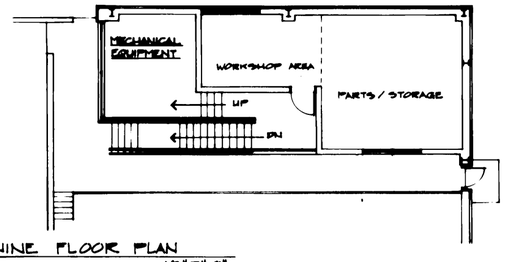
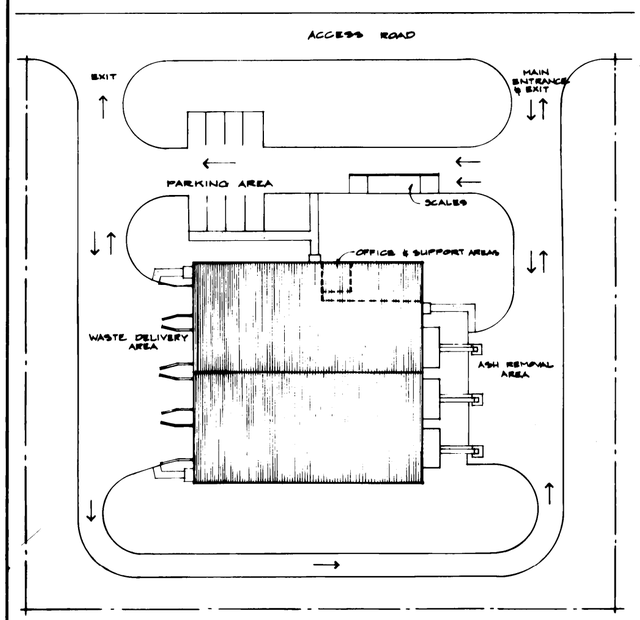
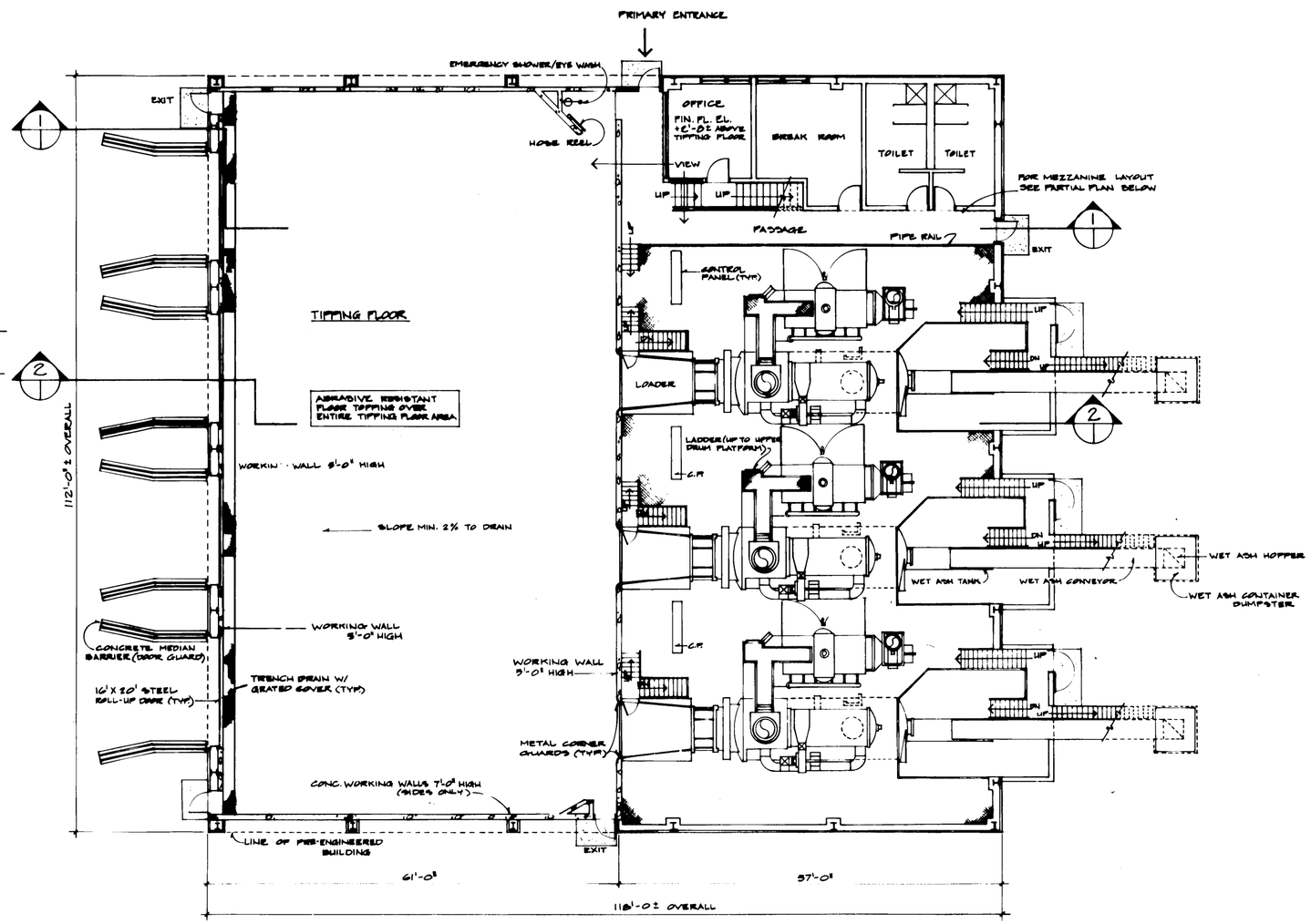


MEZZANINE FLOOR PLAN
SCALE 1/8" = 1'-0"



THREE 25-TON PER DAY UNITS / SITE PLAN
SCALE 1" = 50'-0"



GROUND FLOOR PLAN
SCALE 1/8" = 1'-0"

GROSS AREA TABULATION:

TIPPING FLOOR	6832 S.F.
INCINERATOR EQUIPMENT	5451 S.F.
OFFICE	218 S.F.
BREAK ROOM	300 S.F.
TOILETS	420 S.F.
CIRCULATION	490 S.F.
	13,708 S.F. TOTAL GROSS AREA (APPROX.)

ARCHITECTURAL GUIDE

1. THE BUILDING AND EQUIPMENT ARRANGEMENTS SHOWN ARE FOR TYPICAL SYSTEMS AND SHOULD BE USED ONLY AS A GUIDE. DIMENSIONS ARE APPROXIMATE.
2. FIRE PREVENTION DESIGN ANALYSIS TO BE IN ACCORDANCE WITH TM 5-812-1, UNIFORM BUILDING CODE AND ETL 110-3-340.
3. GENERAL DESIGN CRITERIA INCLUDING INSULATION TO BE IN ACCORDANCE WITH DOD-4270.1M.
4. APPROPRIATE POLLUTION ABATEMENT EQUIPMENT MUST BE ADDED WHERE REQUIRED BY LOCAL REGULATION.

MECHANICAL GUIDE

1. ALL HEATING AND VENTILATION TO BE IN ACCORDANCE WITH DOD-4270.1M.
2. HEATING OF TIPPING FLOOR AREA BY OVERHEAD UNIT HEATERS TO MAINTAIN A MINIMUM TEMPERATURE OF 45°F. FOR FREEZE PROTECTION OF SPRINKLER AND PLUMBING SYSTEMS.
3. HEATING OF OFFICE, BREAKROOM AND TOILETS AREAS BY CONVECTORS TO MAINTAIN A TEMPERATURE OF 68°F.
4. VENTILATION OF TIPPING FLOOR AND EQUIPMENT AREA TO BE BY POWER ROOF VENTILATORS TO PROVIDE A MINIMUM OF 30 AIR CHANGES PER HOUR.

PLUMBING GUIDE

1. ALL PLUMBING TO BE IN ACCORDANCE WITH THE LATEST EDITION OF NATIONAL STANDARD PLUMBING CODE.
2. AUTOMATIC SPRINKLER SYSTEM IS REQUIRED PER DOD 4270.1M TO BE DESIGNED IN ACCORDANCE WITH NFPA 13.

NOTE: SEE GENERAL NOTES SHEETS 2 AND 3

REV.	DATE	DESCRIPTION	BY	APP.

DEPARTMENT OF THE ARMY
NORFOLK DISTRICT, CORPS OF ENGINEERS
NORFOLK, VA.

DESIGNED: MAC/JA
DRAWN: JA
CHECKED: MAC
SUBMITTED:

DEFINITIVE DESIGN
REFUSE-FIRED HEAT RECOVERY INCINERATOR
(MODULAR INCINERATORS - USE CEGS-11171)

PLANT CAPACITY: 40-50 TONS/DAY

SCALE: –
TO ACCOMPANY SPECIFICATION NO.
PROJECT NO.
SHEET NO. 3 of 9
DATE MAY 1984
DRAWING NO. DEF 833-11-01

NORFOLK DISTRICT FILE NO.