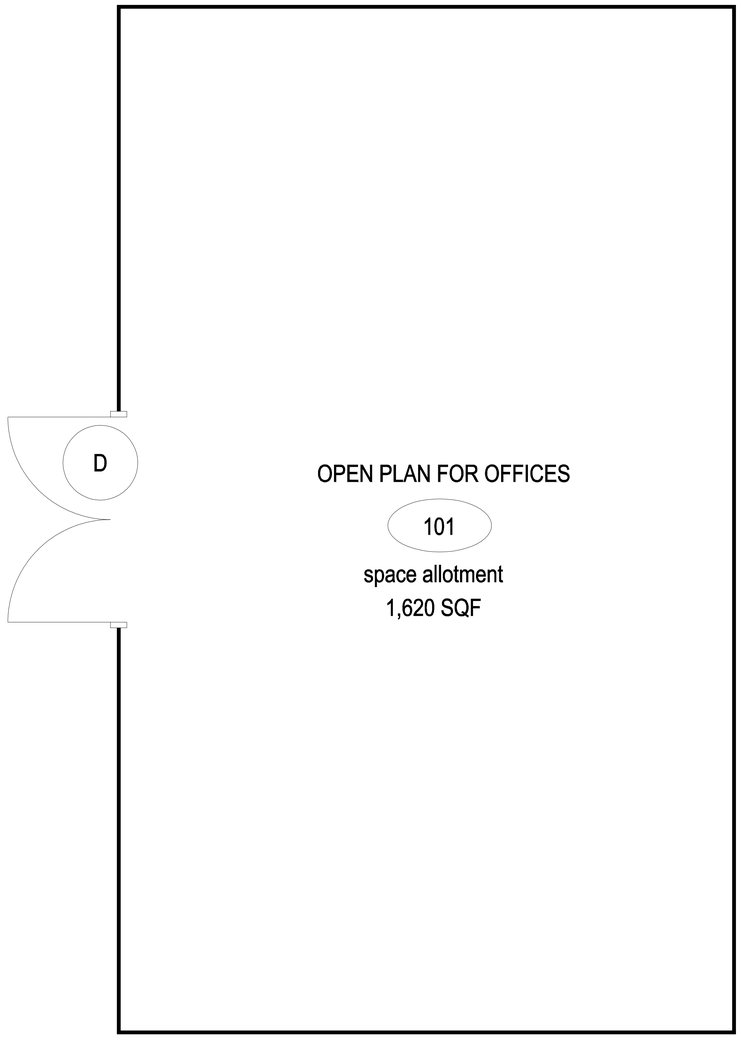


TO BE FURNISHED BY OTHERS:
- EQUIPMENT
- TV CAMERAS
- WORKBENCHES

N

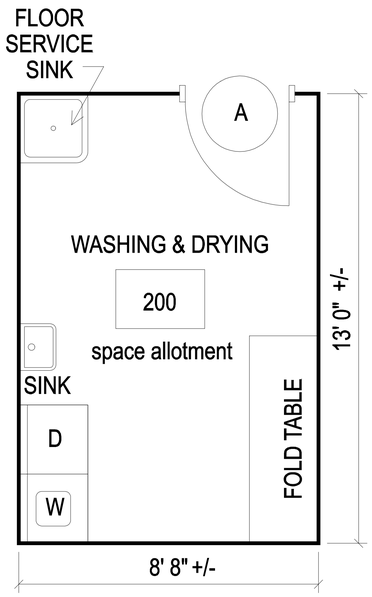
OPEN OFFICE SPACE

NTS dwg

4' 3' 2' 1' 0' 5' 10' 15'

EXPLOSIVE R&D LOADING FACILITY

01



FOLD TABLE, WASHING & DRYING MACHINES
BY OTHERS

TO BE FURNISHED BY OTHERS:
-EQUIPMENT
-TV CAMERAS
-WORKBENCHES

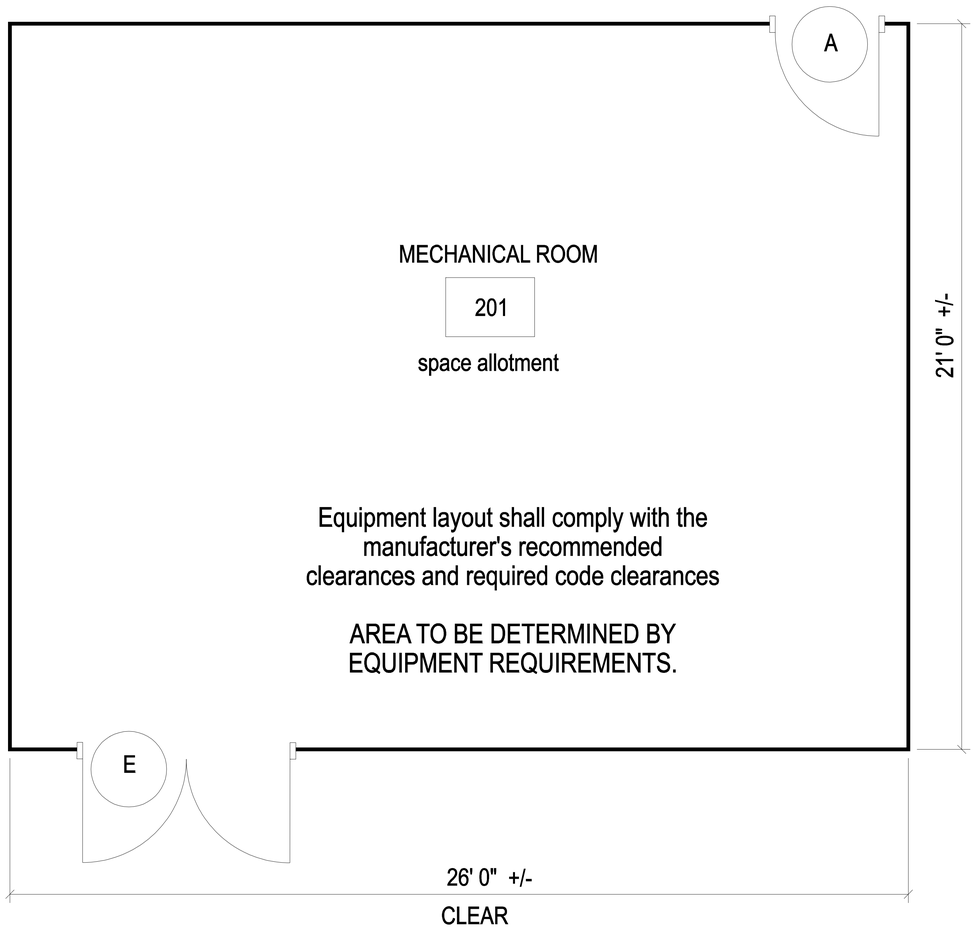
N

WASHING & DRYING

4' 3' 2' 1' 0' 5' 10' 15'

EXPLOSIVE R&D LOADING FACILITY

06



TO BE FURNISHED BY OTHERS:
- EQUIPMENT
- TV CAMERAS
- WORKBENCHES

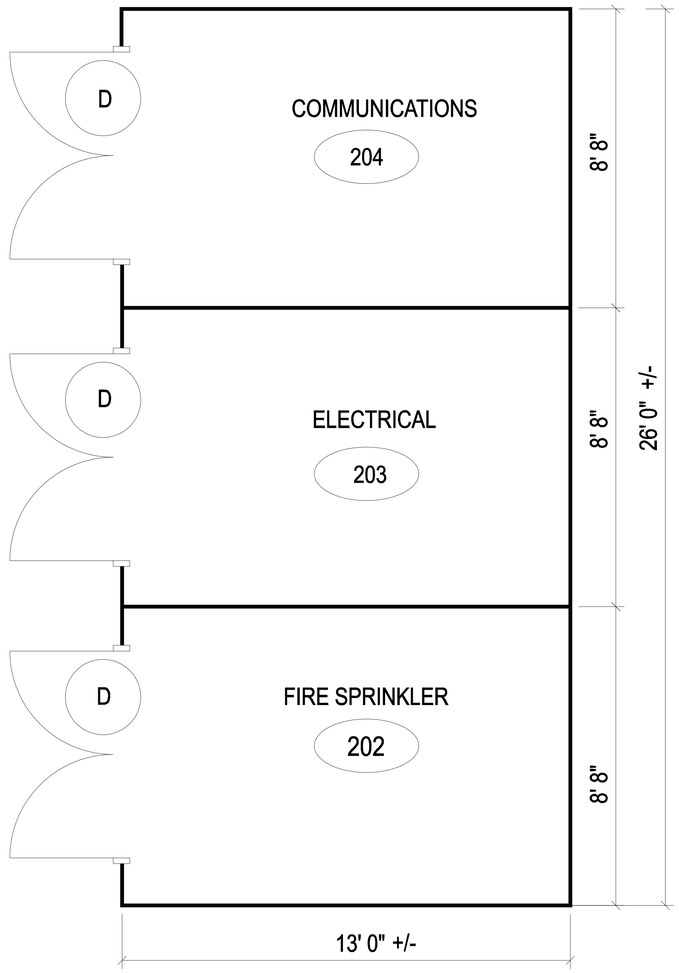
N

MECHANICAL RM.

4' 3' 2' 1' 0' 5' 10' 15'

EXPLOSIVE R&D LOADING FACILITY

07



space allotment

Equipment layout shall comply with the manufacturer's recommended clearances and required code clearances

TO BE FURNISHED BY OTHERS:
-EQUIPMENT
-TV CAMERAS
-WORKBENCHES

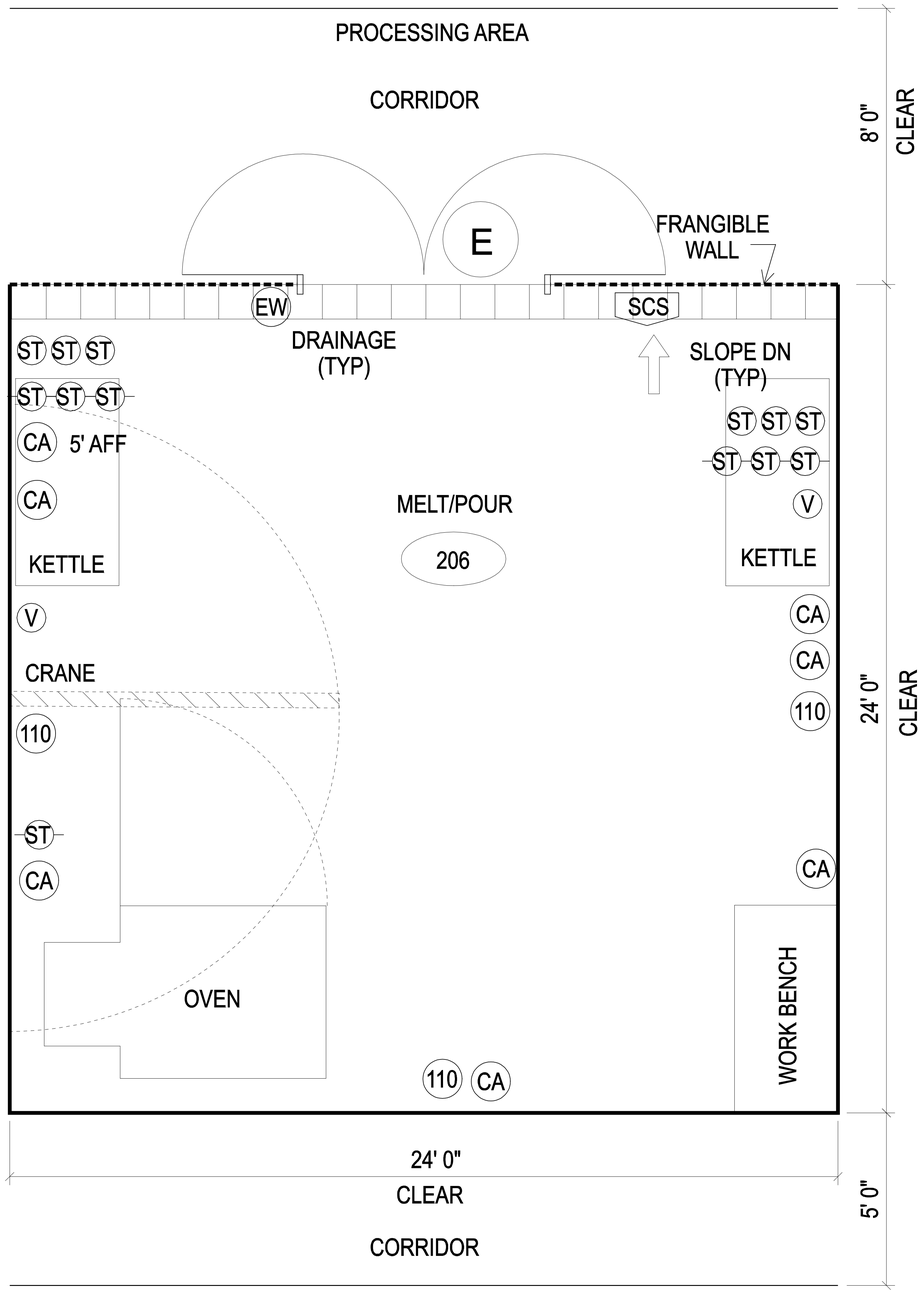
N

COMMUNICATIONS, ELECTRICAL & FIRE/SPRINKLER

4' 3' 2' 1' 0' 5' 10' 15'

EXPLOSIVE R&D LOADING FACILITY

08



ALL CA V ST ST W
SHALL BE INSTALLED 5' ABOVE FF

TO BE FURNISHED BY OTHERS:
-EQUIPMENT
-TV CAMERAS
-WORKBENCHES

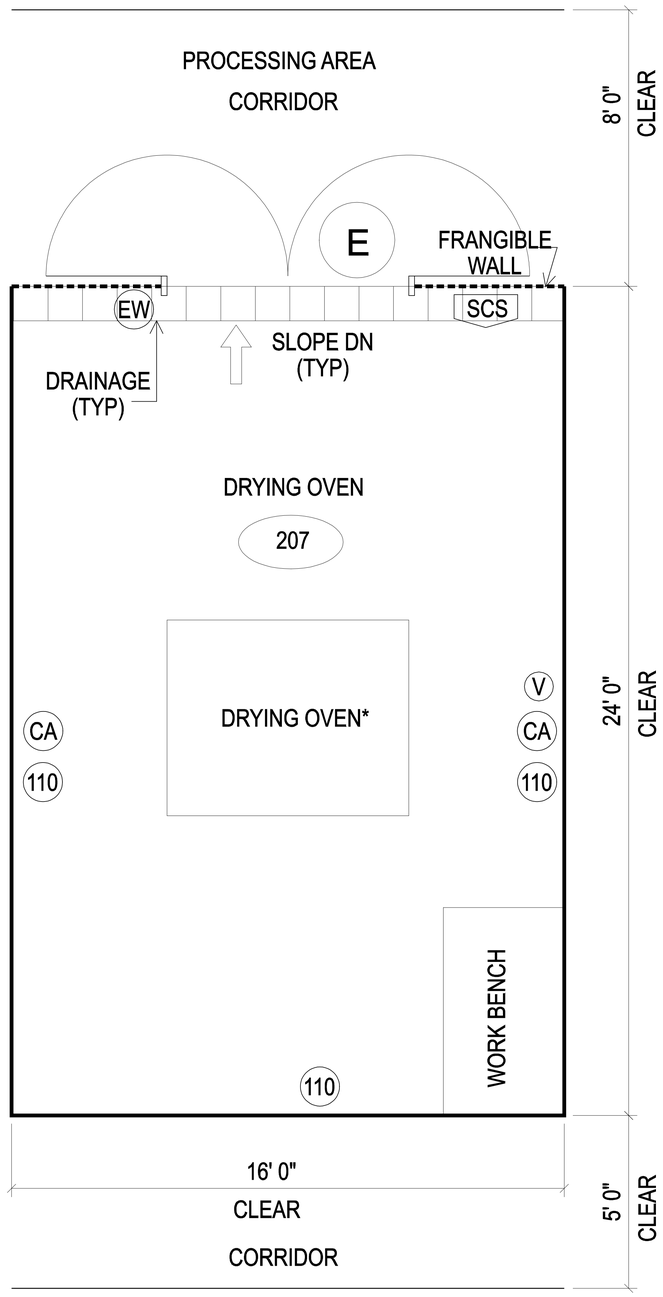
N

MELT POUR

4' 3' 2' 1' 0' 5' 10' 15'

EXPLOSIVE R&D LOADING FACILITY

09



*** PROVIDE OVERHEAD CONDUIT RUNS FOR CONNECTION TO REMOTE SUPPORT EQUIPMENT**

TO BE FURNISHED BY OTHERS:
- EQUIPMENT
- TV CAMERAS
- WORKBENCHES

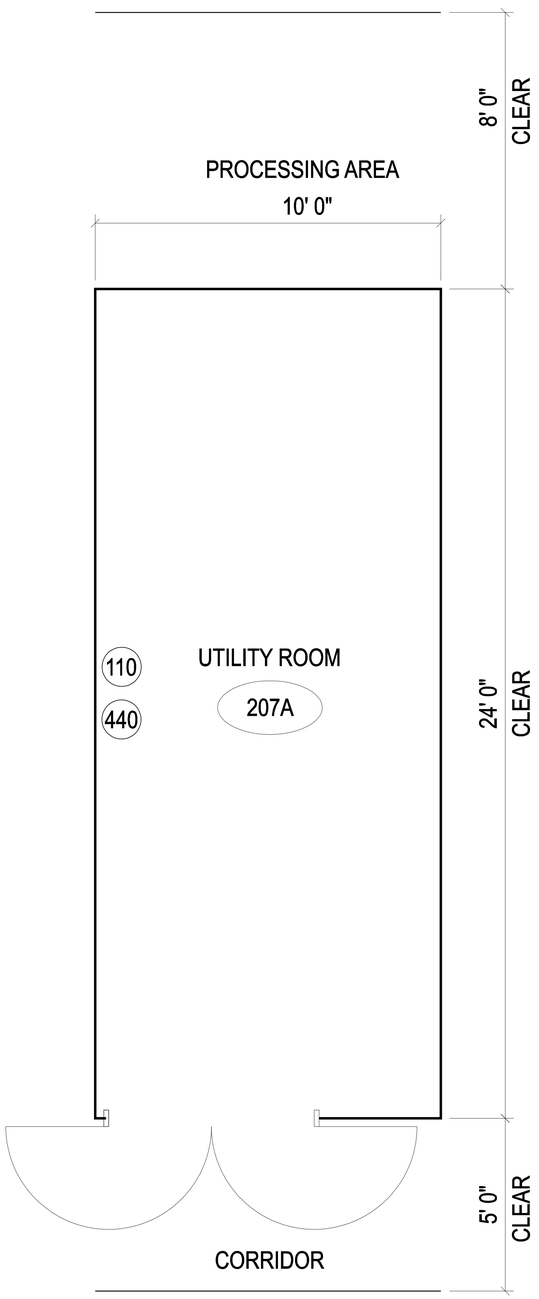
N

DRYING OVEN

4' 3' 2' 1' 0' 5' 10' 15'

EXPLOSIVE R&D LOADING FACILITY

10



TO BE FURNISHED BY OTHERS:
- EQUIPMENT
- TV CAMERAS
- WORKBENCHES

N

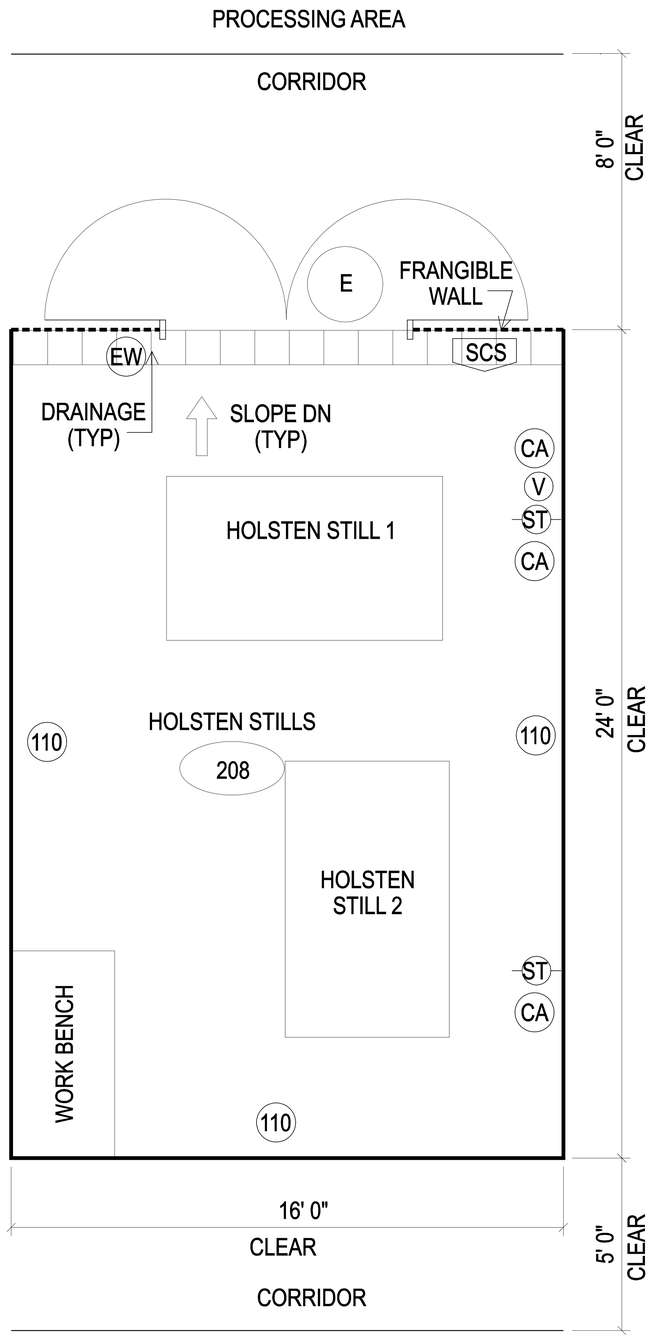
UTILITY ROOM

UTILITIES SUPPORT FOR ROOMS 207 & 208

4' 3' 2' 1' 0' 5' 10' 15'

EXPLOSIVE R&D LOADING FACILITY

19a



TO BE FURNISHED BY OTHERS:
- EQUIPMENT
- TV CAMERAS
- WORKBENCHES

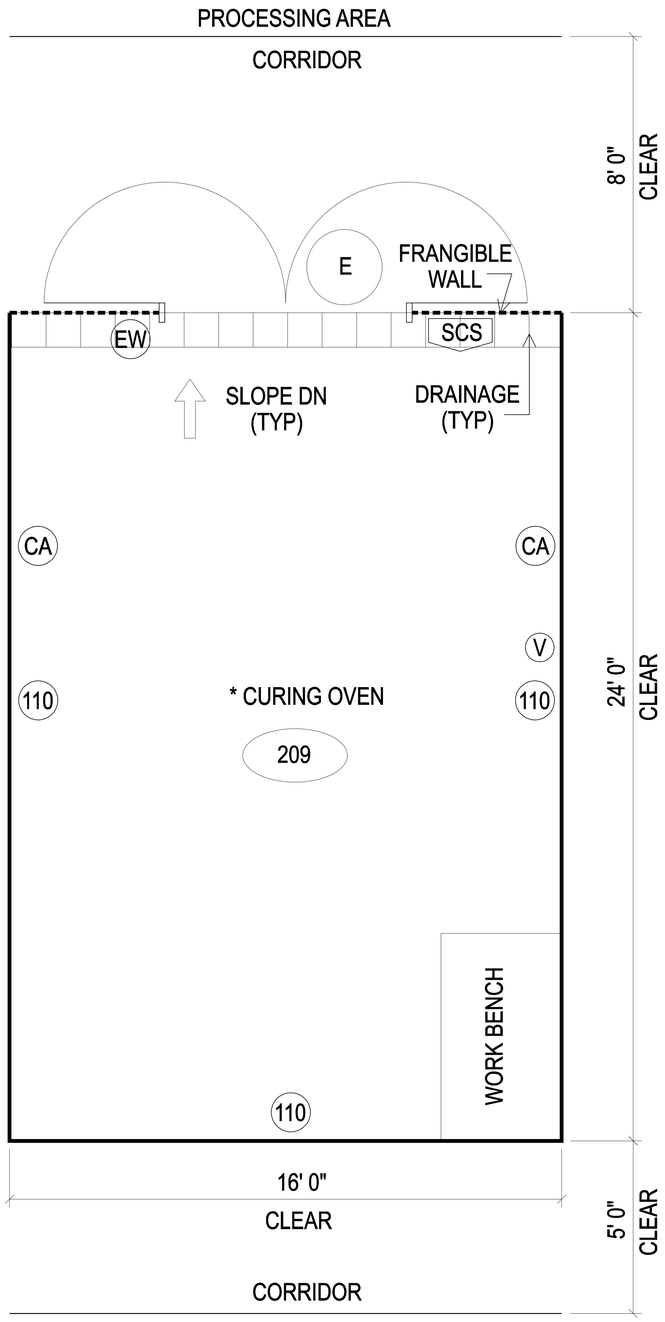
N

HOLSTEIN STILLS

4' 3' 2' 1' 0' 5' 10' 15'

EXPLOSIVE R&D LOADING FACILITY

11



TO BE FURNISHED BY OTHERS:
- EQUIPMENT
- TV CAMERAS
- WORKBENCHES

N

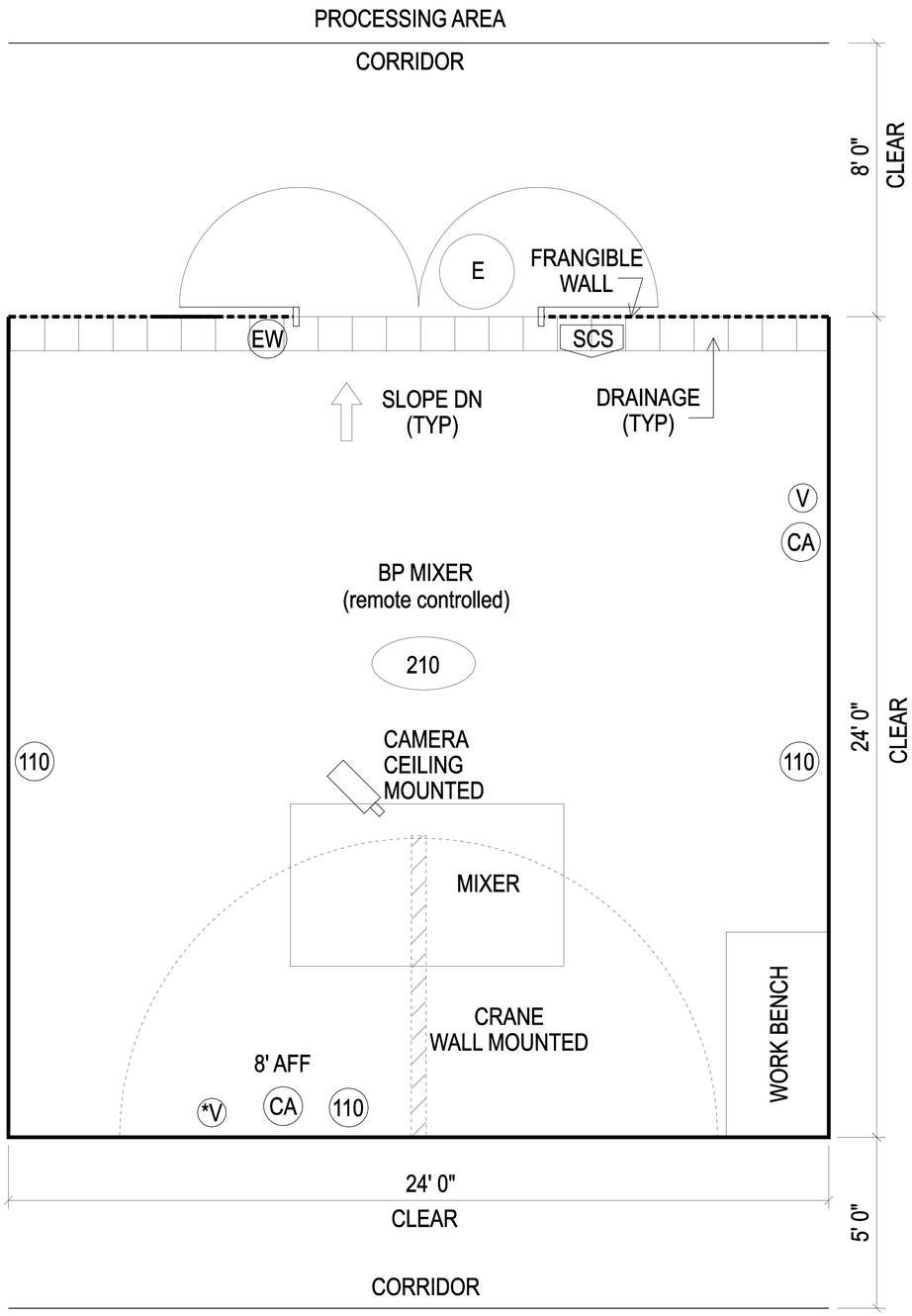
CURING OVEN

* CONNECT TO REMOTE UTILITY ROOM

4' 3' 2' 1' 0' 5' 10' 15'

EXPLOSIVE R&D LOADING FACILITY

12



TO BE FURNISHED BY OTHERS:
- EQUIPMENT
- TV CAMERAS
- WORKBENCHES

N

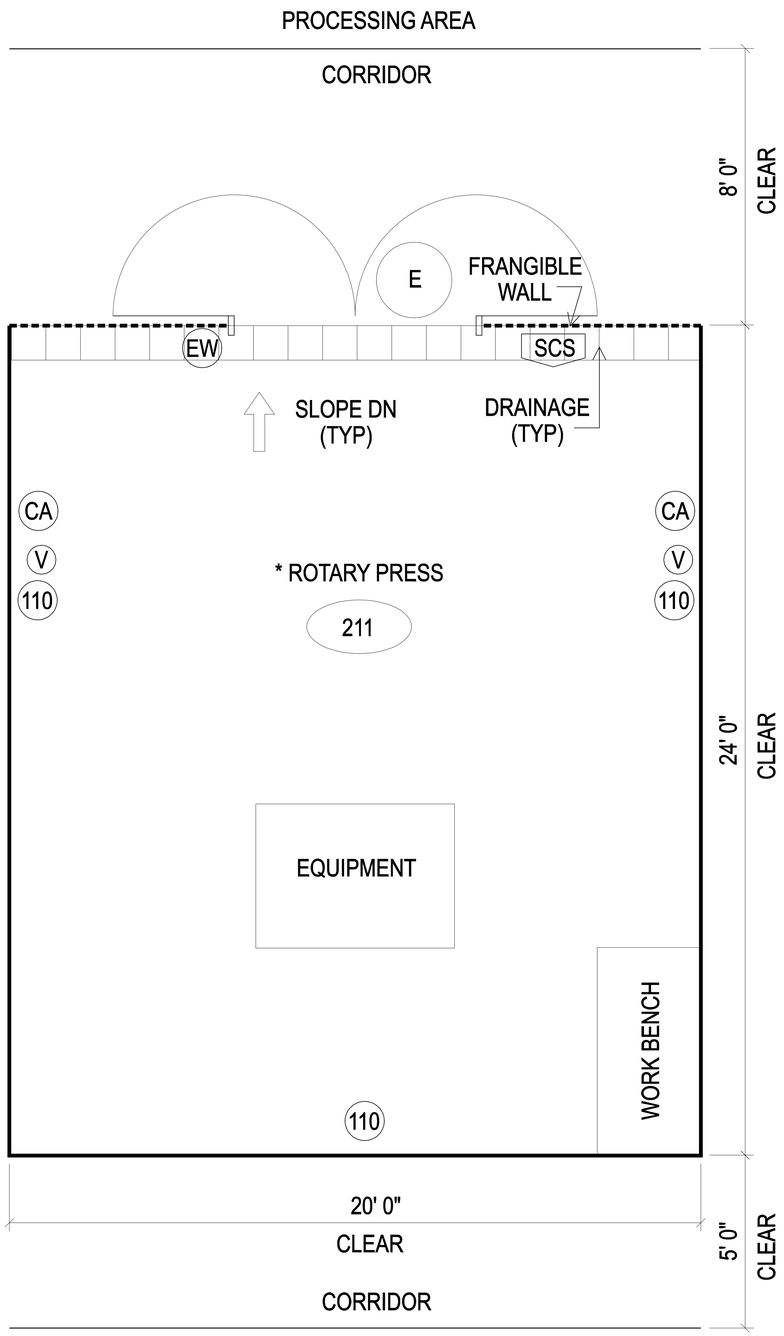
BP MIXER

* SEPARATE DEDICATED
VACUUM LINE W/RUN TO MECH RM.

4' 3' 2' 1' 0' 5' 10' 15'

EXPLOSIVE R&D LOADING FACILITY

13



TO BE FURNISHED BY OTHERS:
- EQUIPMENT
- TV CAMERAS
- WORKBENCHES

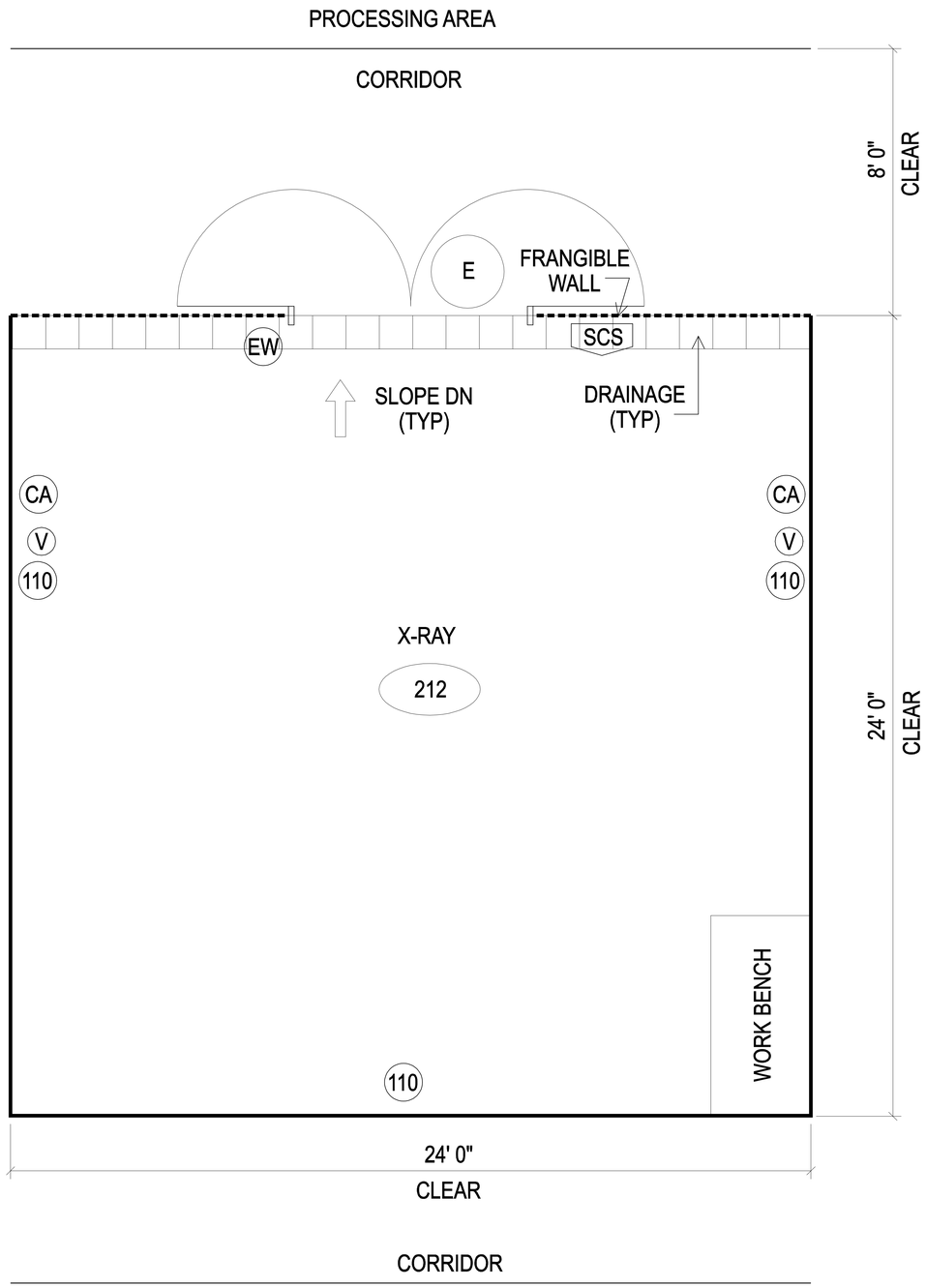
ROTARY PRESS

* PROVIDE CONDUIT & RUN TO REMOTE CONTROL RM. FOR CAMERA

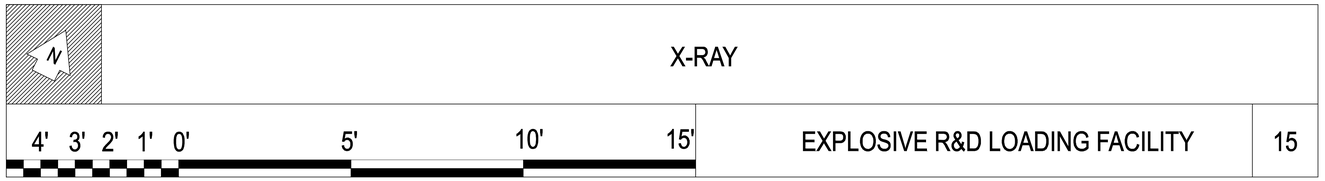
4' 3' 2' 1' 0' 5' 10' 15'

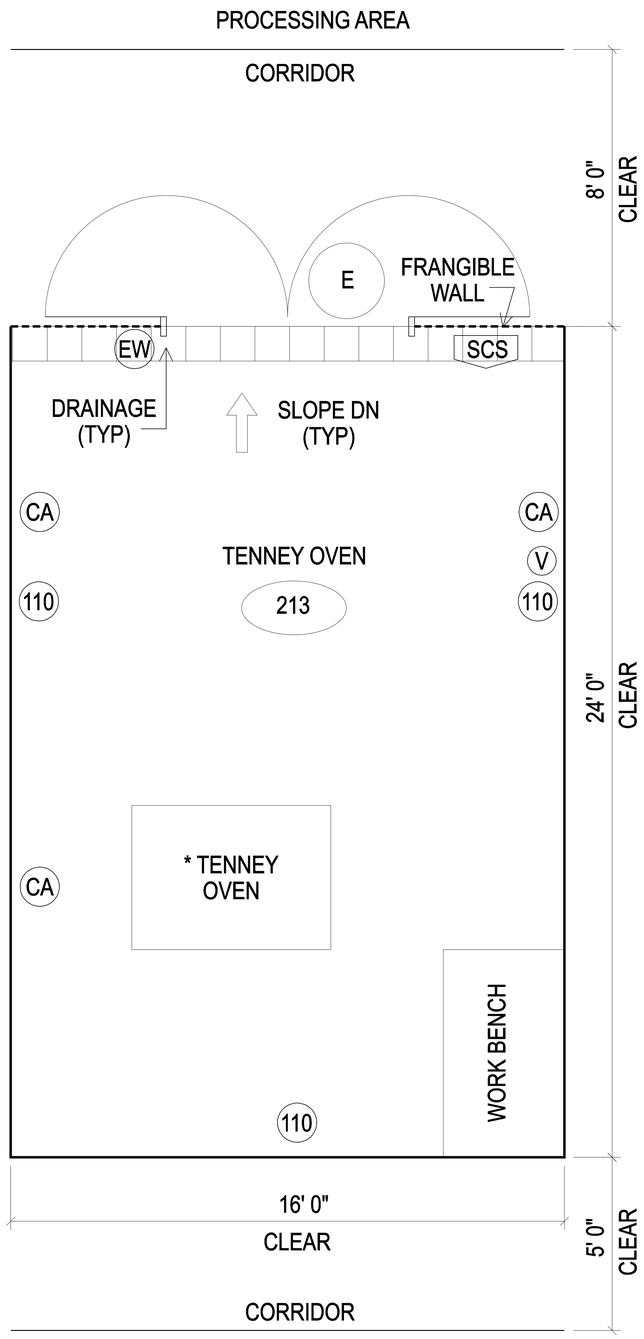
EXPLOSIVE R&D LOADING FACILITY

14



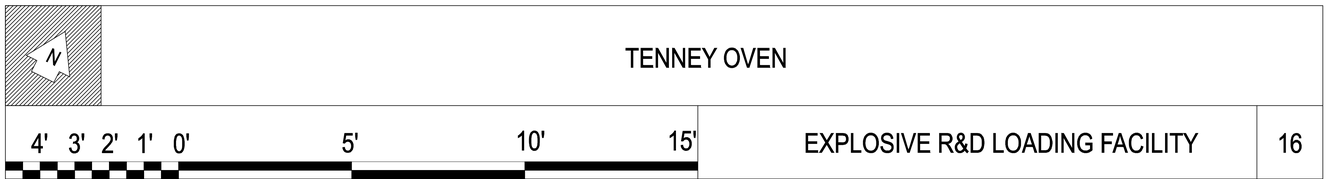
TO BE FURNISHED BY OTHERS:
- EQUIPMENT
- TV CAMERAS
- WORKBENCHES

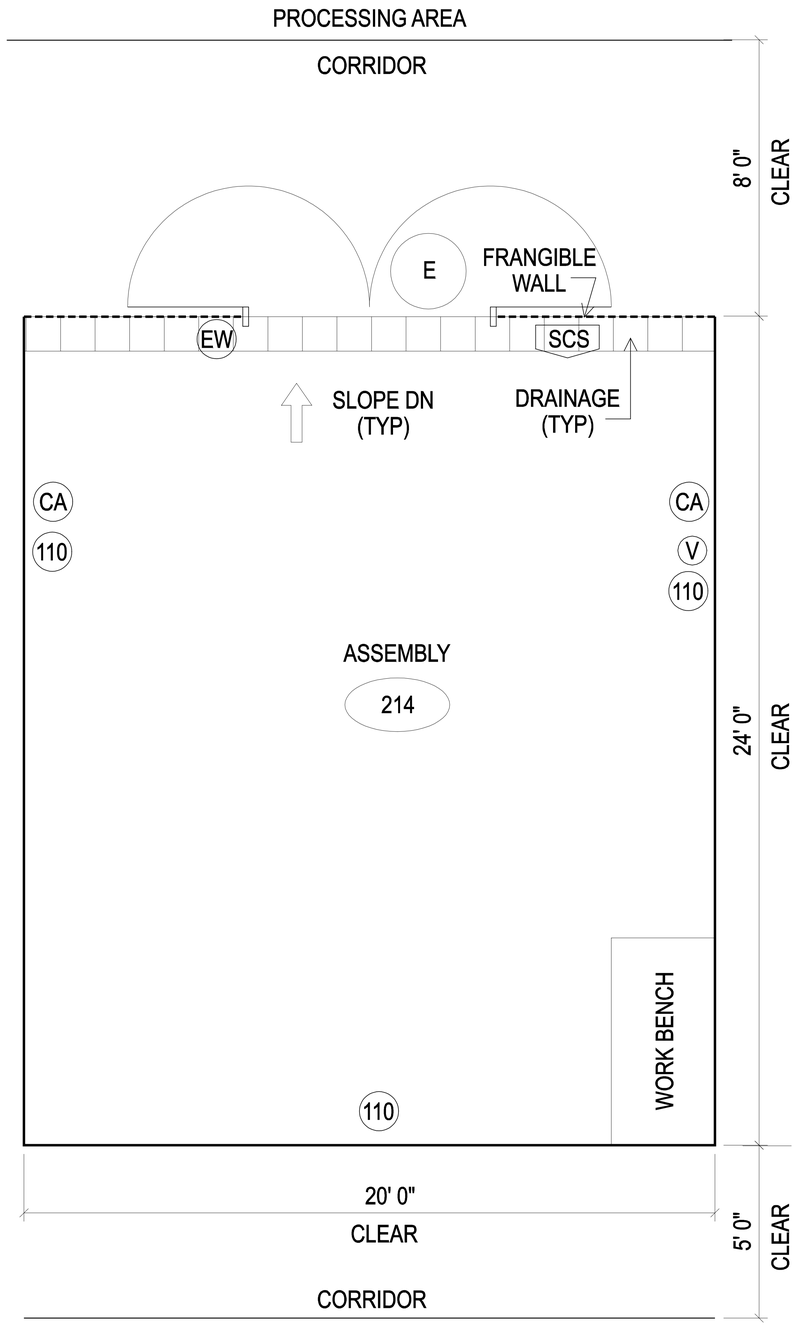




* AIR FROM DEDICATED COMPRESSOR
LOCATED IN THE MECH. RM

TO BE FURNISHED BY OTHERS:
-EQUIPMENT
-TV CAMERAS
-WORKBENCHES





TO BE FURNISHED BY OTHERS:
- EQUIPMENT
- TV CAMERAS
- WORKBENCHES

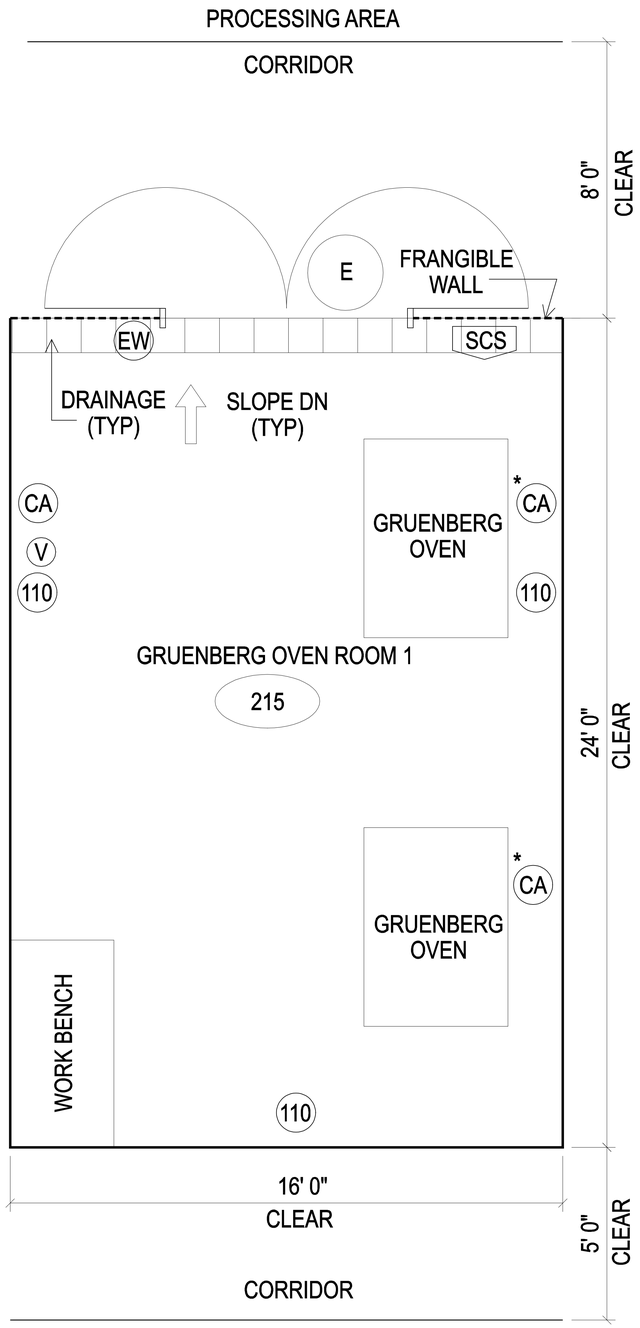
N

ASSEMBLY

4' 3' 2' 1' 0' 5' 10' 15'

EXPLOSIVE R&D LOADING FACILITY

17



* AIR FROM DEDICATED COMPRESSOR
LOCATED IN THE MECH. RM

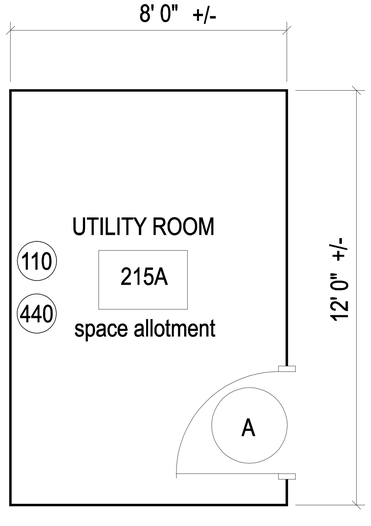
TO BE FURNISHED BY OTHERS:
-EQUIPMENT
-TV CAMERAS
-WORKBENCHES

GRUENBERG OVEN 1

4' 3' 2' 1' 0' 5' 10' 15'

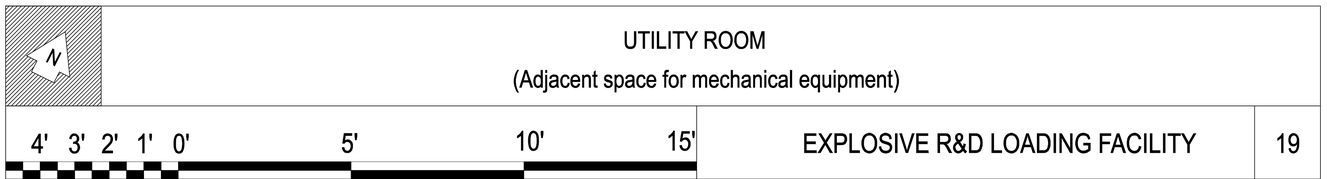
EXPLOSIVE R&D LOADING FACILITY

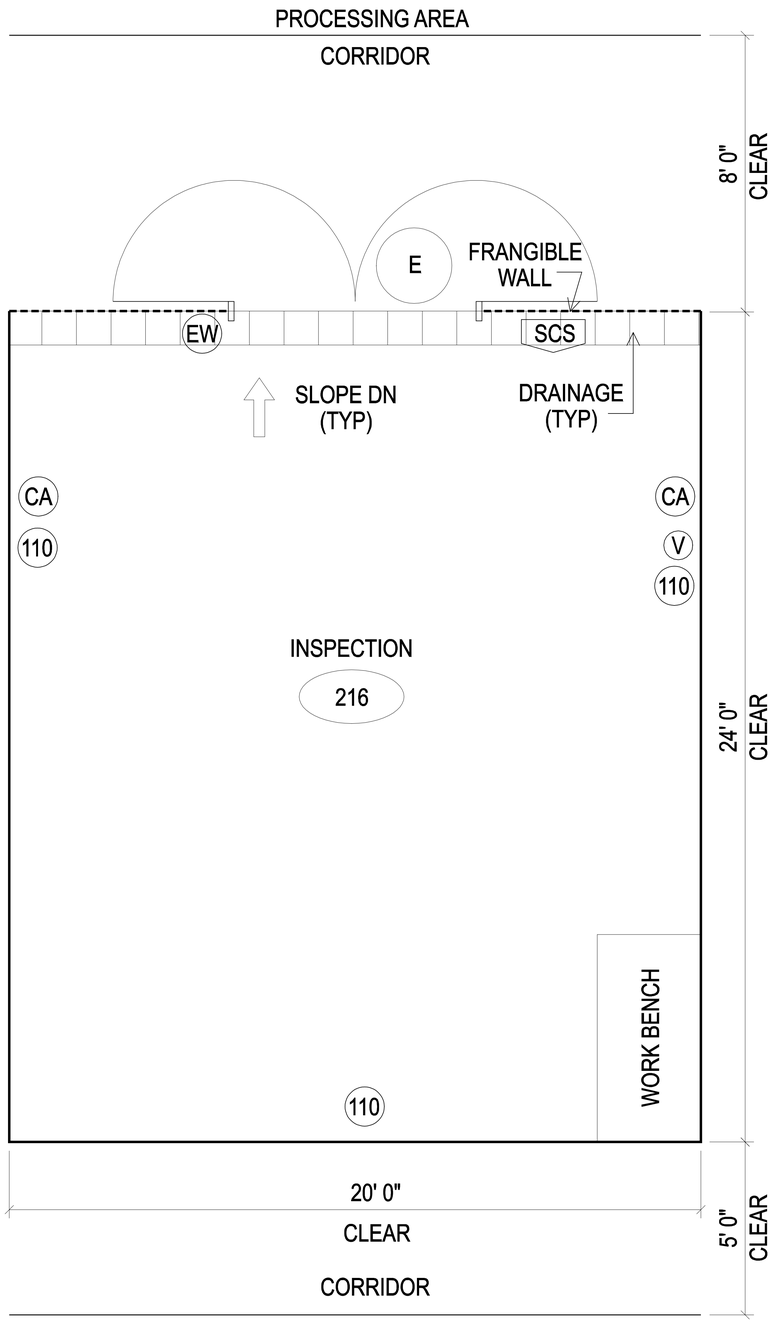
18



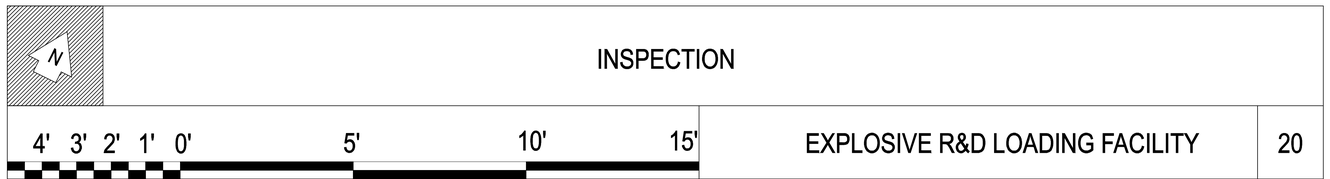
Equipment layout shall comply with the manufacturer's recommended clearances and required code clearances

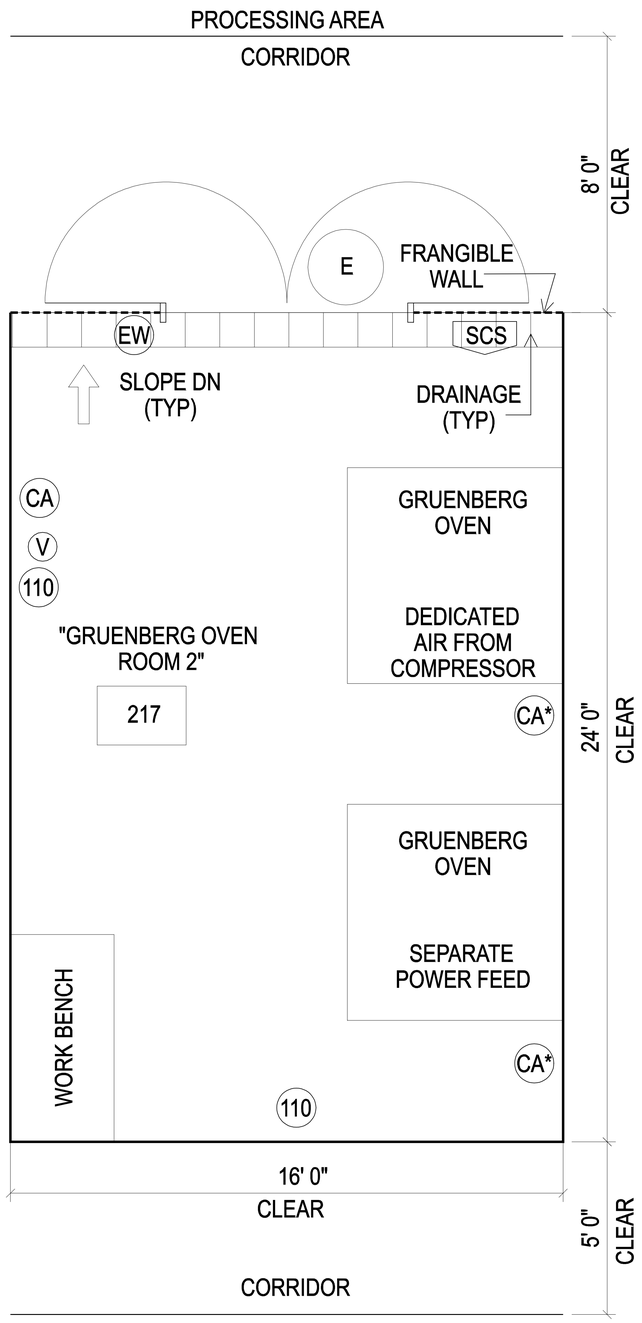
TO BE FURNISHED BY OTHERS:
-EQUIPMENT
-TV CAMERAS
-WORKBENCHES





TO BE FURNISHED BY OTHERS:
-EQUIPMENT
-TV CAMERAS
-WORKBENCHES





* AIR FROM DEDICATED COMPRESSOR
LOCATED IN THE MECH. ROOM

TO BE FURNISHED BY OTHERS:
-EQUIPMENT
-TV CAMERAS
-WORKBENCHES

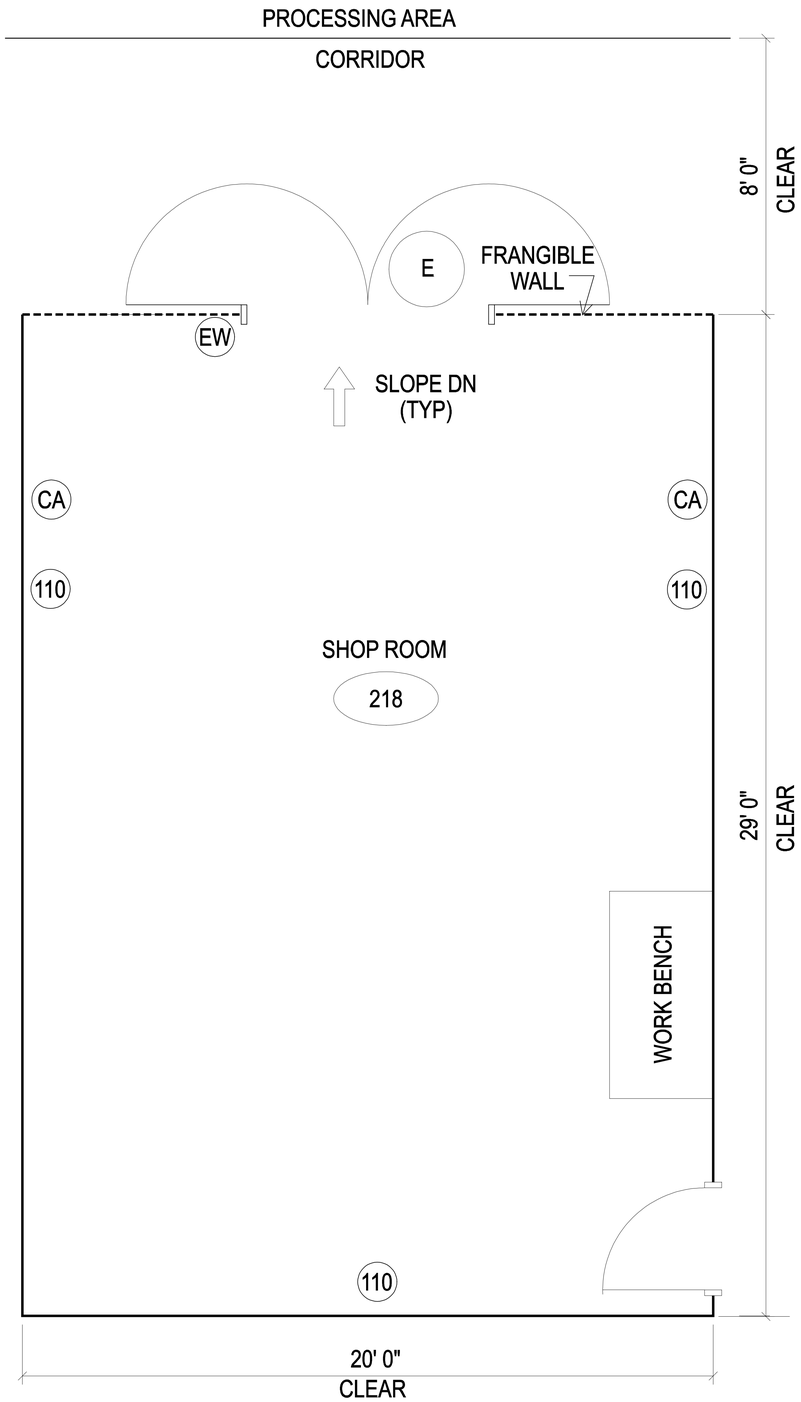
N

GRUENBERG OVEN 2

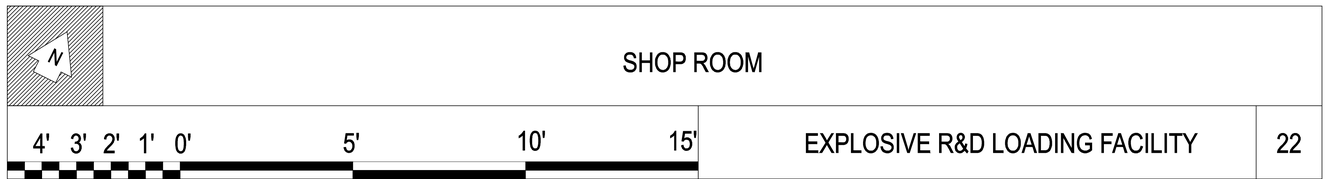
4' 3' 2' 1' 0' 5' 10' 15'

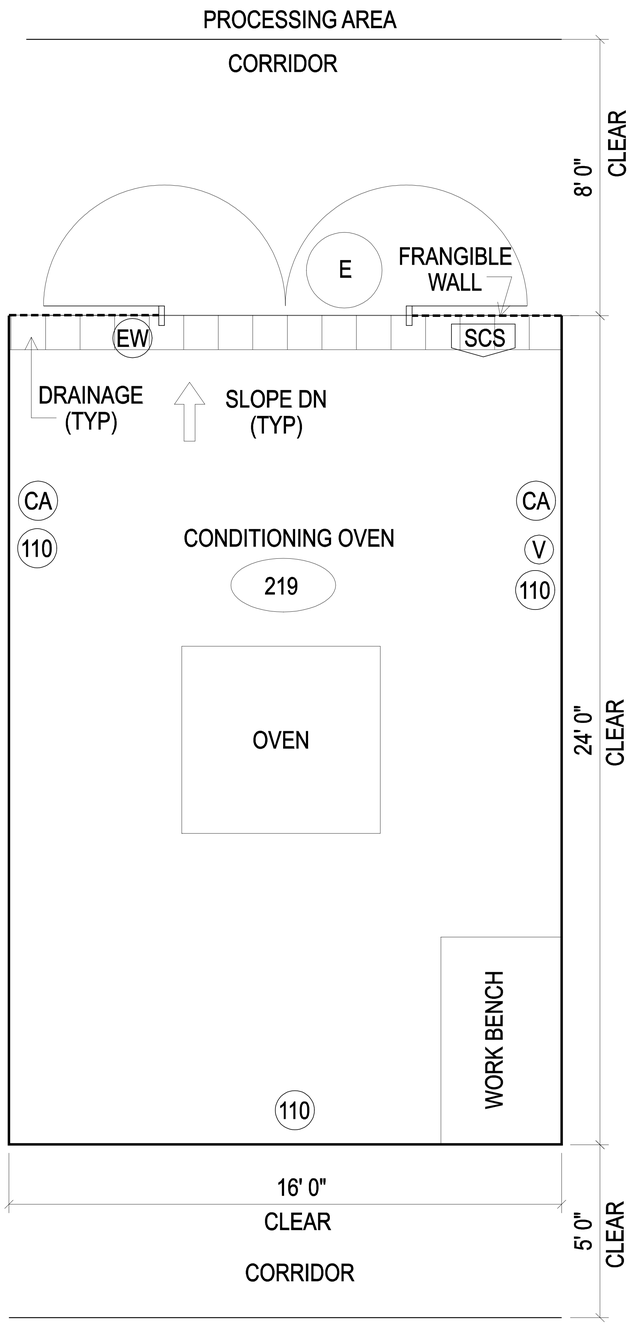
EXPLOSIVE R&D LOADING FACILITY

21



TO BE FURNISHED BY OTHERS:
- EQUIPMENT
- TV CAMERAS
- WORKBENCHES





TO BE FURNISHED BY OTHERS:
-EQUIPMENT
-TV CAMERAS
-WORKBENCHES

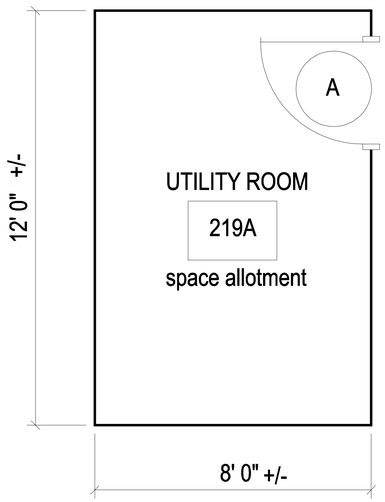
N

CONDITIONING OVEN

4' 3' 2' 1' 0' 5' 10' 15'

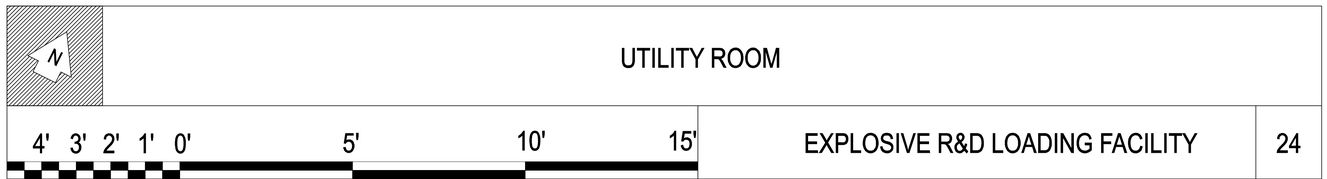
EXPLOSIVE R&D LOADING FACILITY

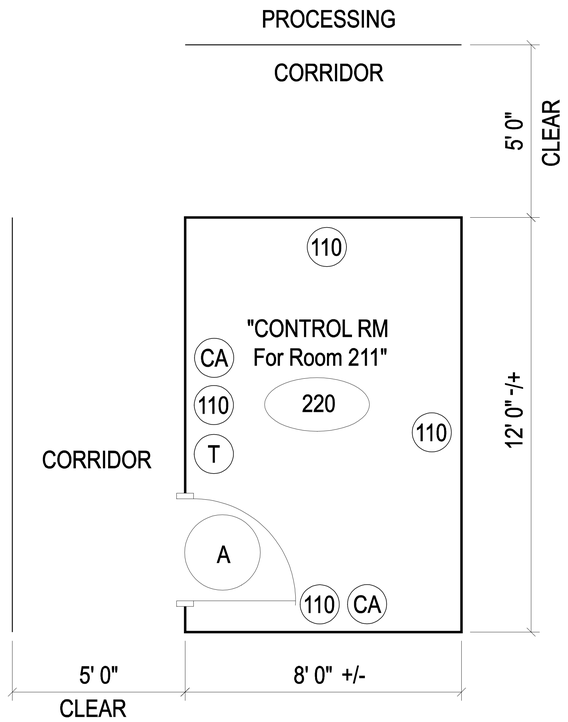
23



Equipment layout shall comply with the manufacturer's recommended clearances and required code clearances

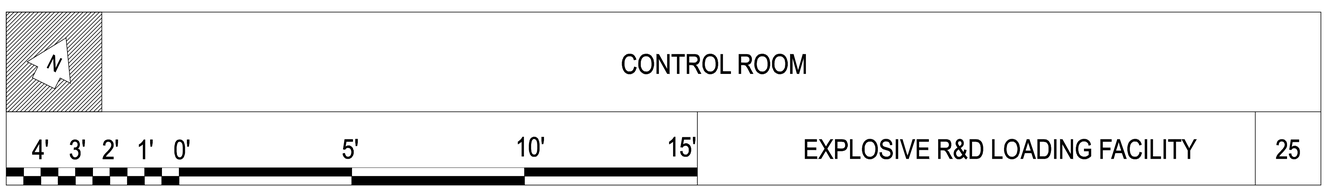
TO BE FURNISHED BY OTHERS:
-EQUIPMENT
-TV CAMERAS
-WORKBENCHES

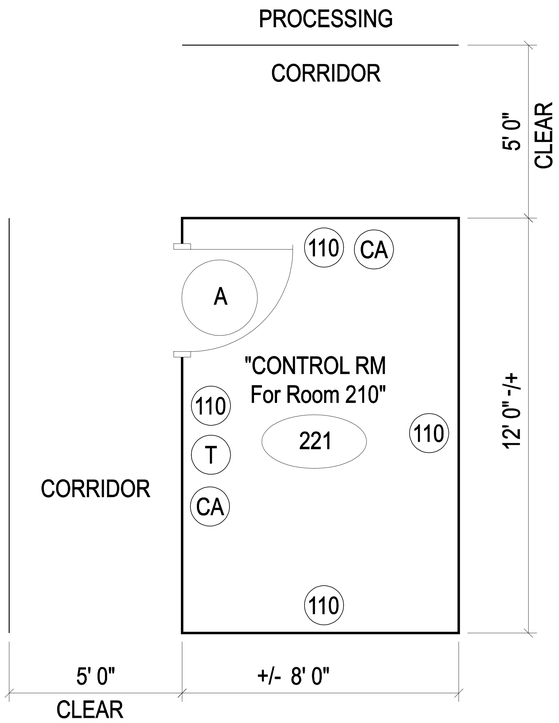




PROVIDE CONDUIT FOR:
DATA, POWER & CAMERA TO SUPPORT ROOM 211

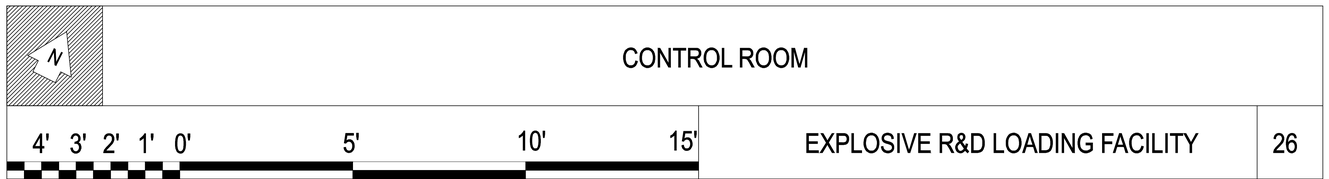
TO BE FURNISHED BY OTHERS:
-EQUIPMENT
-TV CAMERAS
-WORKBENCHES

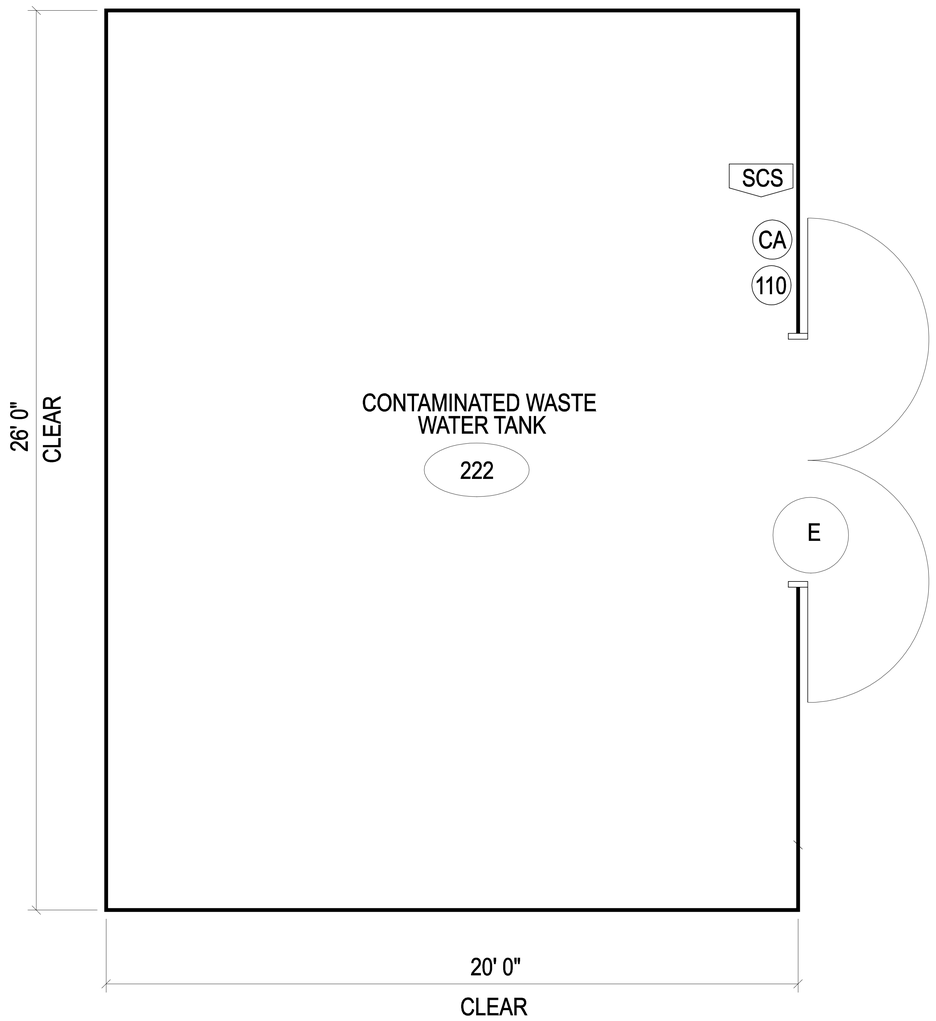




PROVIDE CONDUIT FOR:
DATA, POWER & CAMERA TO SUPPORT ROOM 210

TO BE FURNISHED BY OTHERS:
-EQUIPMENT
-TV CAMERAS
-WORKBENCHES

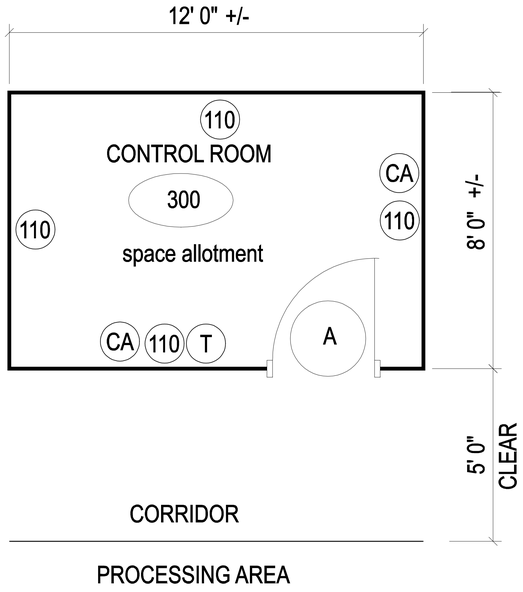




CONTAMINATED WASTE WATER TANK

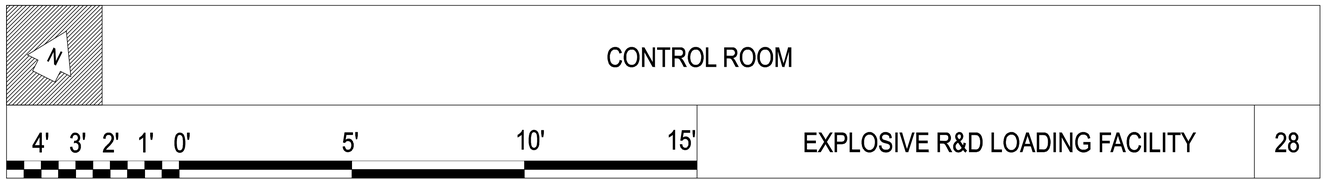
4' 3' 2' 1' 0' 5' 10' 15'

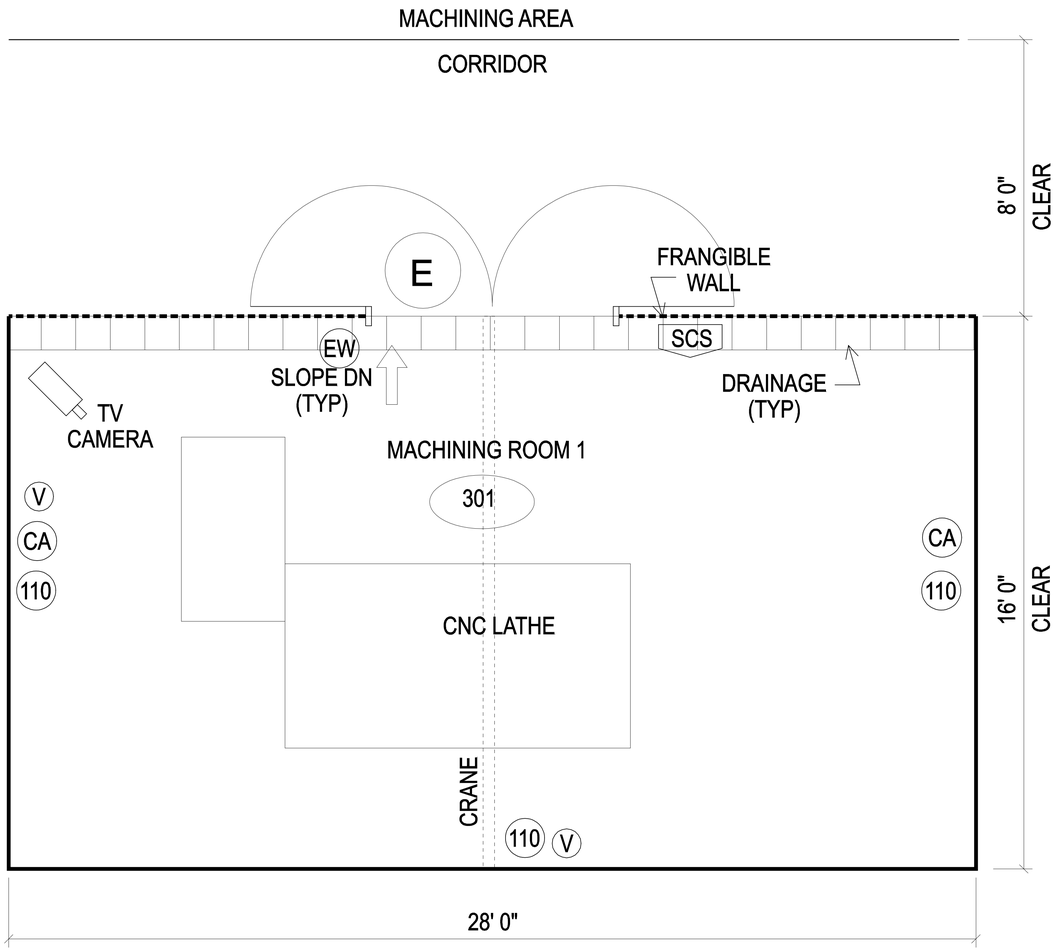
EXPLOSIVE R&D LOADING FACILITY



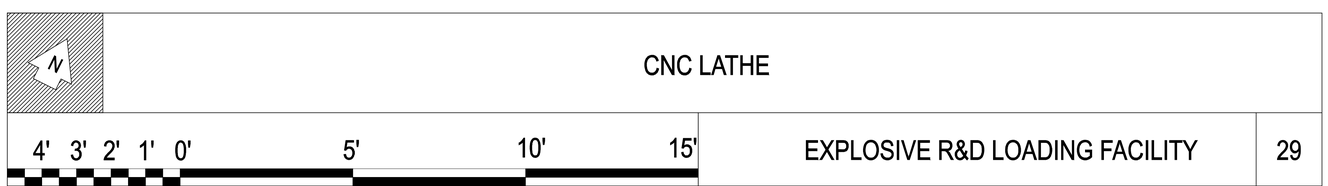
Equipment layout shall comply with the manufacturer's recommended clearances and required code clearances

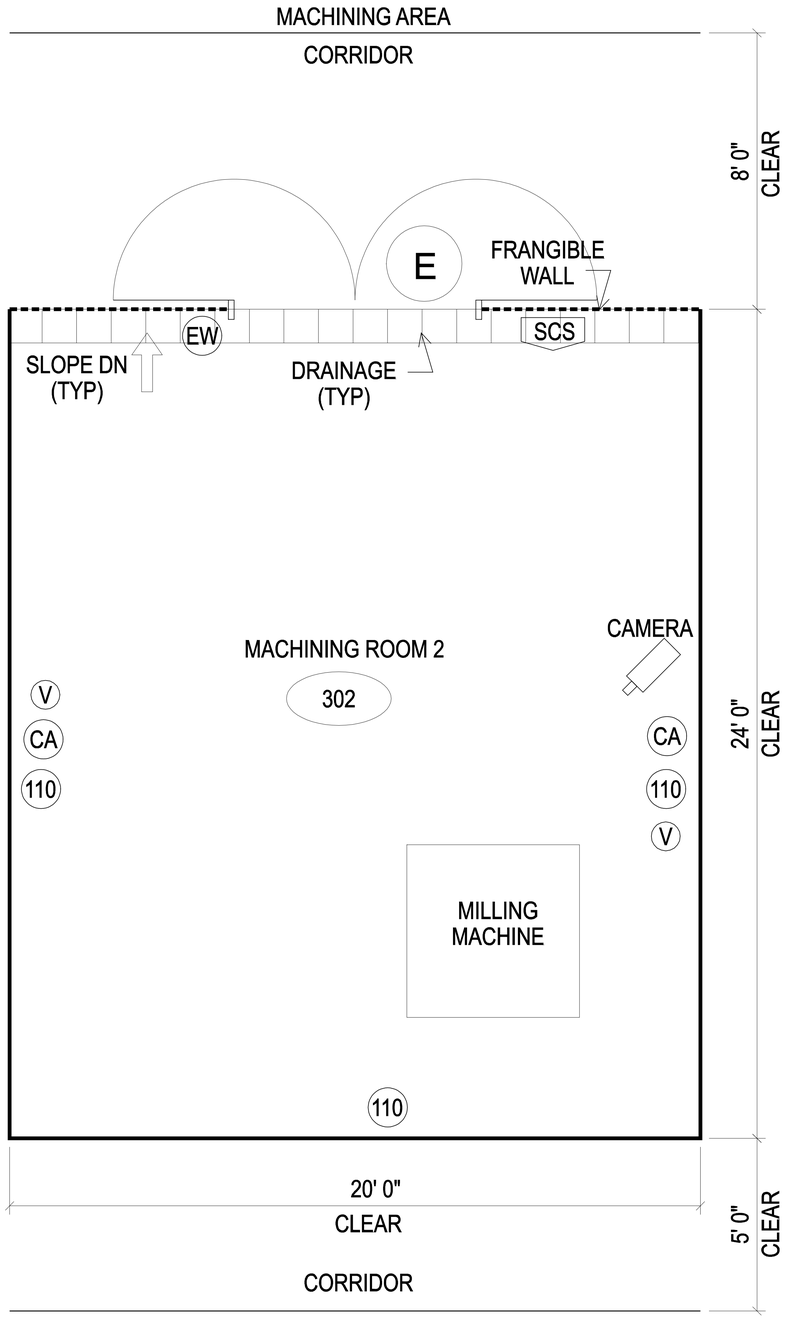
TO BE FURNISHED BY OTHERS:
-EQUIPMENT
-TV CAMERAS
-WORKBENCHES





TO BE FURNISHED BY OTHERS:
- EQUIPMENT
- TV CAMERAS
- WORKBENCHES





TO BE FURNISHED BY OTHERS:
-EQUIPMENT
-TV CAMERAS
-WORKBENCHES

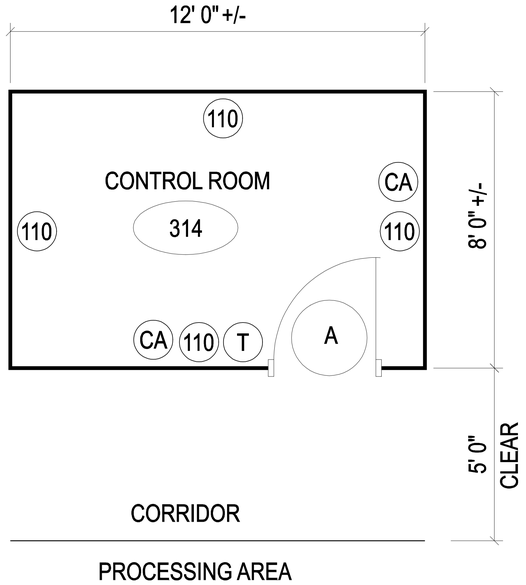
N

DRILL PRESS SHOP

4' 3' 2' 1' 0' 5' 10' 15'

EXPLOSIVE R&D LOADING FACILITY

30

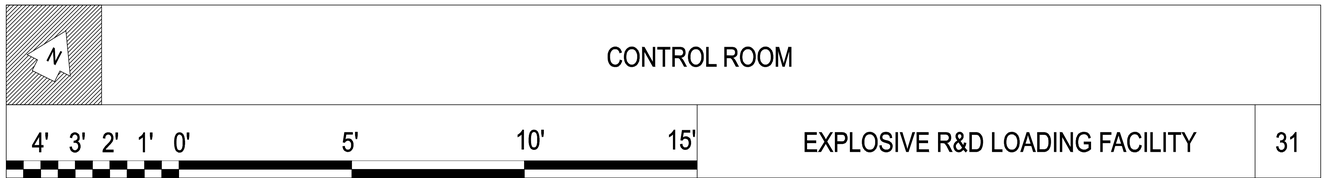


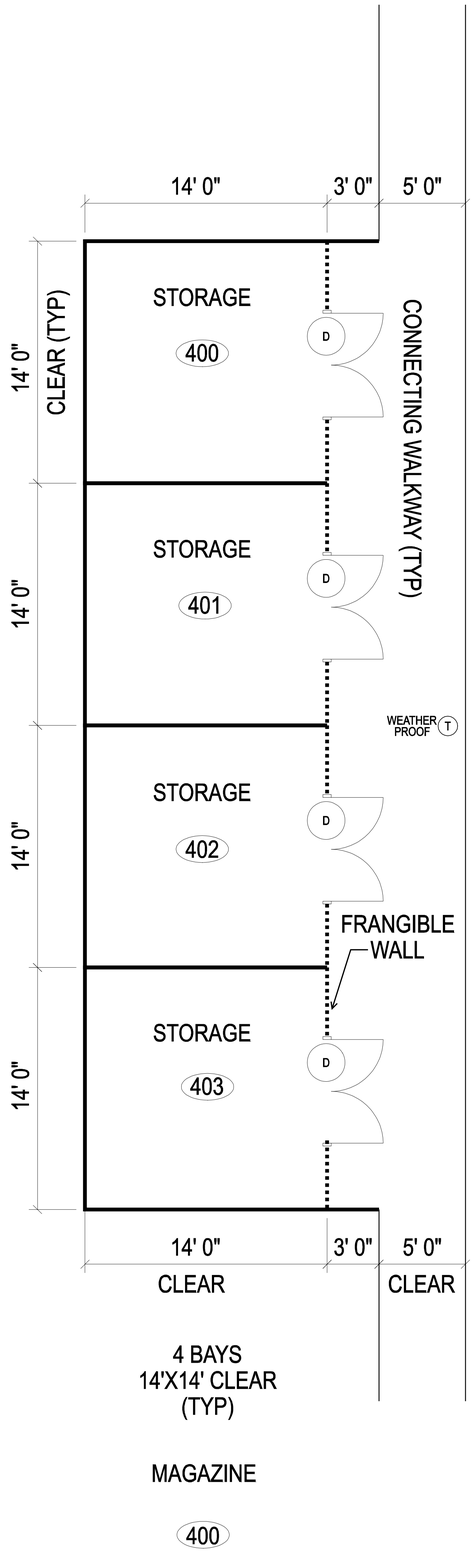
SYMBOLOGY

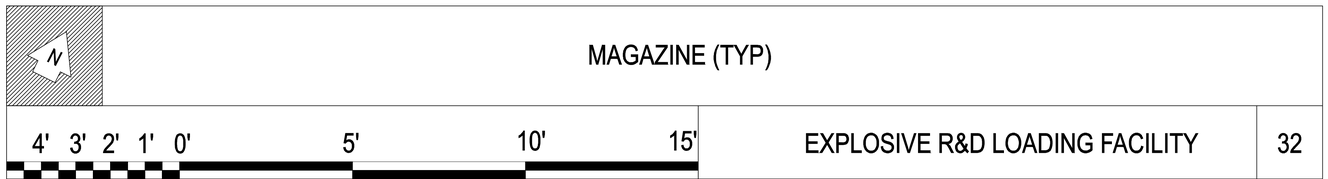
- ST — STEAM 10 PSI
- ST — STEAM 15 PSI
- V — VACUUM
- CA — COMPRESSED AIR
- EW — EYE WASH
- W — WATER
- 110 — 110 V
- 220 — 220V
- 440 — 440V
- EP — EXPLOSION PROOF
- T — TELEPHONE
- SCS — STEAM CLEANING STATION
  INCLUDES: 1-15PSI STEAM AND 1 PROCESS WATER

PROVIDE CONDUIT FOR:
DATA, POWER & CAMERA TO SUPPORT ROOM 302

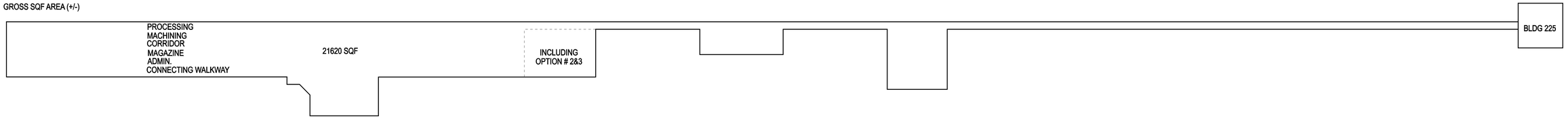
TO BE FURNISHED BY OTHERS:
- EQUIPMENT
- TV CAMERAS
- WORKBENCHES



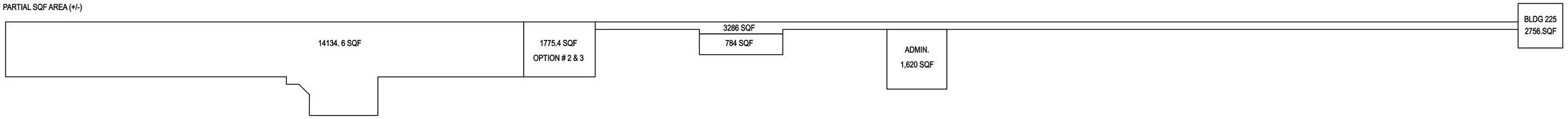

14' 0"
3' 0"
5' 0"
14' 0"
CLEAR (TYP)
STORAGE
400
D
CONNECTING WALKWAY (TYP)
14' 0"
STORAGE
401
D
WEATHER PROOF
T
14' 0"
STORAGE
402
D
FRANGIBLE WALL
14' 0"
STORAGE
403
D
14' 0"
CLEAR
3' 0"
5' 0"
CLEAR
4 BAYS
14'X14' CLEAR
(TYP)
MAGAZINE
400

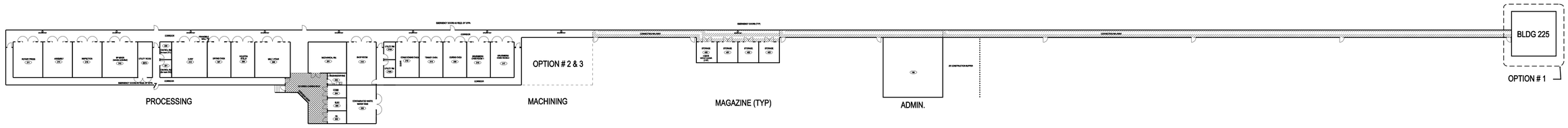

N
MAGAZINE (TYP)
4' 3' 2' 1' 0'
5'
10'
15'
EXPLOSIVE R&D LOADING FACILITY
32

GROSS SQF AREA (+/-)

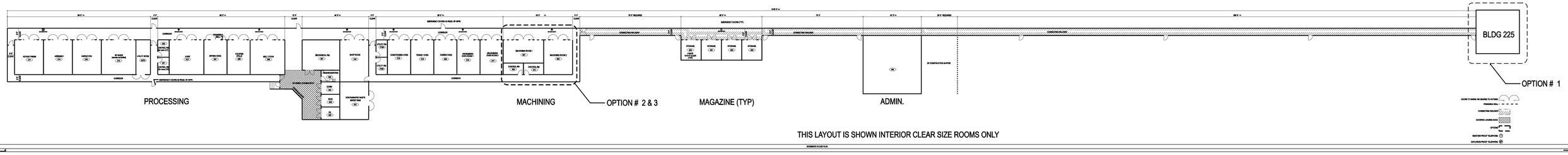


PARTIAL SQF AREA (+/-)





THIS LAYOUT SHOWS INTERIOR CLEAR SIZE ROOMS ONLY


BLDG 225
OPTION # 1
PROCESSING
MACHINING
OPTION # 2 & 3
MAGAZINE (TYP)
ADMIN.
THIS LAYOUT IS SHOWN INTERIOR CLEAR SIZE ROOMS ONLY

SYMBOLOGY

- (ST) STEAM 10 PSI
- -(ST)- STEAM 15 PSI
- (V) VACUUM
- (CA) COMPRESSED AIR
- (EW) EYE WASH
- (W) WATER
- (110) 110 V
- (220) 220V
- (440) 440V
- (EP) EXPLOSION PROOF
- (T) TELEPHONE
- SCS STEAM CLEANING STATION
  INCLUDES: 1-15PSI STEAM AND 1 PROCESS WATER

TO BE FURNISHED BY OTHERS:
-EQUIPMENT
-TV CAMERAS
-WORKBENCHES

N

4' 3' 2' 1' 0' 5' 10' 15'

EXPLOSIVE R&D LOADING FACILITY