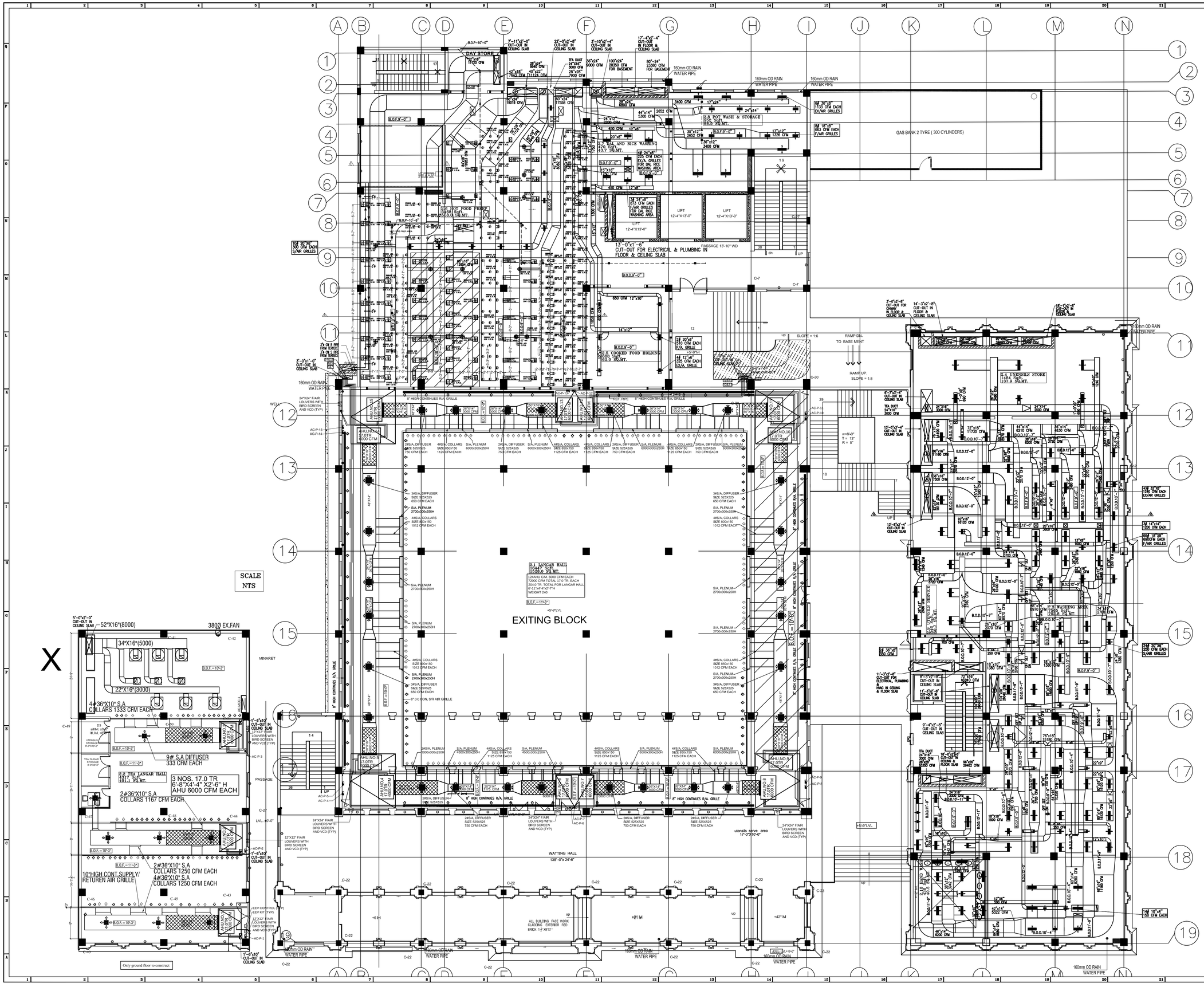
DAY STORE
GAS BANK 2 TYRE (300 CYLINDERS)
EXITING BLOCK
SCALE NTS
Only ground floor to construct
MINARET
PASSAGE
WATTING HALL
135'-0"x 24'-6"
92-J LANGAR HALL
11447 SQFT.
1058.0 SQ.MT.
92-J UNENSILS STORE
1484 SQFT.
137.9 SQ.MT.
92-J WASHING AREA
1705 SQFT.
158.4 SQ.MT.
92-J UNENSILS SERVICE
2579 SQFT.
239.7 SQ.MT.
92-J TEA LANGAR HALL
4317 SQFT.
401.1 SQ.MT.
3 NOS. 17.0 TR
6'-8"X4'-4" X2'-6" H
AHU 6000 CFM EACH
9# S.A DIFFUSER
333 CFM EACH
4#36"X10" S.A
COLLARS 1333 CFM EACH
2#36"X10" S.A
COLLARS 1167 CFM EACH
2#36"X10" S.A
COLLARS 1250 CFM EACH
4#36"X10" S.A
COLLARS 1250 CFM EACH
10"HIGH CONT.SUPPLY/
RETUREN AIR GRILLE
3800 EX.FAN
52"X16"(8000)
34"X16"(5000)
22"X16"(3000)
LIFT 12'-4"X13'-0"
13'-0"x1'-6" CUT-OUT FOR ELECTRICAL & PLUMBING IN FLOOR & CEILING SLAB
PASSAGE 13'-10" WD
RAMP DN. TO BASE MENT
RAMP UP SLOPE = 1:8
SLOPE = 1:6
8" HIGH CONTINUES R/A GRILLE
24"X24" FIXAR LOUVERS WITH BIRD SCREEN AND VCD (TYP)
12"X12" FIXAR LOUVERS WITH BIRD SCREEN AND VCD (TYP)
160mm OD RAIN WATER PIPE
LVL -0'-0"
+9'-9"LVL
+6'-9"LVL
+21'-9"LVL
+42'-9"LVL
ALL BUILDING FACE WORK CLADDING EXTERIOR RED BRICK 1'-9"X1"
utensils serve area 17'-0"X10'-0"
12AHU CFM. 6000 CFM EACH
72000 CFM TOTAL 17.0 TR. EACH
204.0 TR. TOTAL FOR LANGAR HALL
R- 11'-6"-4"x2"-7"H
WEIGHT 240
AHU NO.1 17.0TR 6000 CFM
AHU NO.2 17.0TR 6000 CFM
AHU NO.3 17.0TR 6000 CFM
AHU NO.4 17.0TR 6000 CFM
AHU NO.5 17.0TR 6000 CFM
AHU NO.6 17.0TR 6000 CFM
AHU NO.7 17.0TR 6000 CFM
AHU NO.8 17.0TR 6000 CFM
AHU NO.9 17.0TR 6000 CFM
AHU NO.10 17.0TR 6000 CFM
AHU NO.11 17.0TR 6000 CFM
AHU NO.12 17.0TR 6000 CFM
HVAC & LEGENDS
INDOOR UNIT
OUT DOOR UNIT
TREATING FRESH AIR UNIT
AIR WASHER
CENTRIFUGAL EX. FAN
SUPPLY AIR GRILLE
EXHAUST AIR GRILLE
FRESH AIR GRILLE
RETURN AIR GRILLE
SUPPLY AIR DIFFUSER
RETURN AIR DIFFUSER
EXHAUST AIR DUCT
HOOD EXHAUST AIR DUCT
FRESH AIR DUCT
SUPPLY AIR DUCT
ACCOUSTIC LINING
DRAIN PIPE
REF. GAS PIPE
REF. LIQUID PIPE
AIR TIGHT PARTITION (ATP.)
ACCESS DOOR (A.D.)
VOLUME CONTROL DAMPER (V.C.D.)
LOUVERS WITH BIRD SCREEN
EEV KIT (TYP)
EEV CONTROL (TYP)
AHU STATER PANEL (AC-P--)
ELECTRICAL DISTRIBUTOR PANEL (AC-MCC--)
DATE NO PRINT ISSUED TO BY
4.6.14 10 REVISED AS PER HPC COMMENTS ON REV B N.S 20.5.14
DATE NO REVISION BY
OWNER
SHIROMANI GURDWARA PARBANDHAK COMMITTEE AMRITSAR
ARCHITECTS
HABITAT ARCHITECTS
1777, MAHARAJ NAGAR
GHE
PH:0161-2406327
TELFAX:0161-2410099
SERVICES CONSULTANTS
NARINDER SINGH CONSULTING ENGINEERS
G-125, NARAINA VIHAR
NEW DELHI--110028
TEL--25795414
E-mail: hvacconsult@hotmail.com
PROJECT
CONSTRUCTION/ EXTENSION OF GURU RAM DAS LANGAR HALL AT SRI HARMANDIR SAHIB, AMRITSAR
TITLE
HVAC. LAYOUT GROUND FLOOR
SCALE 1'-0"=8" DATE 21.06.10 DESIGN N. SINGH DRAWN A.K
DWG. NO. HVAC--2 REV NO. 15 REV DATE 21.5.22 CHECKED N. SINGH
FOR--TENDER DWG.