



CONSTRUCTION OF WOMEN TRADE CENTER

(PLUMBING DRAWINGS)

KOHSAN DISTRICT, ISLAM QALA TOWN

AFG 106-19/AFG-HELP-KOS-001-PROJECT

DATE: DECEMBER, 23, 2020



DESIGN AGENCY: PEDESTAL CONSTRUCTION COMPANY

EMAIL: pedestal.construction@gmail.com

phone: 0798-40-46-45

DRAWINGS INDEX		
SHEET NO.	DWG NO.	DRAWING TITLE
01 OF 94	I-100	DRAWINGS INDEX
02 OF 94	SD-100	GENERAL NOTES
CIVIL DRAWINGS		
03 OF 94	C-100	SITE PORPOSED PLAN
04 OF 94	C-101	LONGITUDINAL PROFILE
ARCHITECTURAL 3D DRAWINGS		
05 OF 94	3D-100	3D PLANS
06 OF 94	3D-101	3D PLANS
07 OF 94	3D-102	3D PLANS
08 OF 94	3D-103	3D PLANS
09 OF 94	3D-104	3D PLANS
10 OF 94	3D-105	3D PLANS
11OF 94	3D-106	3D PLANS
ARCHITECTURAL DRAWINGS		
12 OF 94	A-100	ARCHITECTURAL FIRST FLOOR PLAN
13 OF 94	A-101	ARCHITECTURAL SECOND FLOOR PLAN
14 OF 94	A-102	TRANSVERSAL SECTION A (LONG SPAN)
15 OF 94	A-103	TRANSVERSAL SECTION B (SHORT SPAN)
16 OF 94	A-104	DOORS &WINDOWS FIRST FLOOR PLAN
17 OF 94	A-105	DOORS &WINDOWS SECOND FLOOR PLAN
18 OF 94	A-106	DOORS &WINDOWS SCHEDULE & DETAILS
19 OF 94	A-107	DETAILS OF SUN ROOF & LINTEL BLOCK
20 OF 94	A-108	DETAILS OF SUN ROOF & LINTEL BLOCK
21 OF 94	A-109	GROUND FLOOR TYPICAL RAMP DETAILS & TYPICAL ACOUSTICAL CEILING SYSTEM
22 OF 94	A-110	TYPICAL ARCHITECTURAL DETAILS
23OF 94	A-111	WHEEL CHAIR RAMP PLAN & SECTION H-H
24OF 94		WHEEL CHAIR RAMP SECTION F-F & DETAILS
STRUCTURAL DRAWINGS		
25 OF 94	S-100	REINFORCEMENT STANDARD SHAPES
26 OF 94	S-101	FOUNDATION PLAN
27 OF 94	S-102	DETAILS OF FOUNDATIONS
28 OF 94	S-103	AXIS & COLUMN PLAN
29 OF 94	S-104	COLUMN TYPE & DETAILS
30 OF 94	S-105	COLUMN TYPE & DETAILS
31 OF 94	S-106	STAIRS DETAILS
32 OF 94	S-107	FIRST FLOOR SHUTTERING PLAN
33 OF 94	S-108	SECOND FLOOR SHUTTERING PLAN
34 OF 94	S-109	FIRST FLOOR BEAM PLAN
35 OF 94	S-110	SECOND FLOOR BEAM PLAN
36 TO 42 OF 94	S-FROM S-110 TO S-116	BEAMS DETAILS
43 OF 94	S-117	SLAB FIRST FLOOR PLAN
44 OF 94	S-118	SLAB SECOND FLOOR PLAN
45 OF 94	S-119	SLAB SCHEDULE
MECHANICAL AND ELECTRICAL DRAWINGS		
46 OF 94	M-100	FIRST FLOOR WATER COOLER SYSTEM
47 OF 94	M-101	SECOND FLOOR WATER COOLER SYSTEM
48 OF 94	M-102	WATER COOLER SYSTEM DETAILS
49 OF 94	M-103	FIRST FLOOR HEATER SYSTEM
50 OF 94	M-104	SECOND FLOOR HEATER SYSTEM
51 OF 94	P-100	GUARD ROOM SANITARY WASTE PLAN
52 OF 94	P-101	DETAIL- H
53 OF 94	P-102	GUARD ROOM DOMESTIC COLD & HOT WASTE PLAN
54 OF 94	P-103	DETAIL-I
55 OF 94	P-104	FIRST FLOOR SANITARY WASTE PLAN
56 OF 94	P-105	DETAIL-E
57 OF 94	P-106	SECOND FLOOR SANITARY WASTE PLAN
58 OF 94	P-107	DETAILS-G
59 OF 94	P-108	DETAIL OF WATER &WASTE WATER
60 OF 94	P-109	DETAIL OF WATER &WASTE WATER
61 OF 94	P-110	PLAN & DETAIL OF SEPTIC TANK
62 OF 94	P-111	FIRST FLOOR DOMESTIC COLD & HOT WATER
63 OF 94	P-112	DETAIL - C
64 OF 94	P-113	SECOND FLOOR DOMESTIC COLD & HOT WATER
65 OF 94	P-114	DETAIL - D
66 &67OF 94	P-115 & P-116	DETAIL OF WATER STORAGE 2000 LITERS & WHEEL
68 TO 87	E-100 TO E 118	ELECTRICAL DRAWING
88 TO 94	C-100 TO C-113	YARD WORK DRAWING

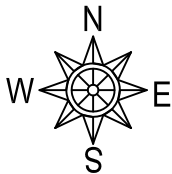
LOGOS



KEY-PLAN

NOTES :

1- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.



REVISIONS

DATE	DESCRIPTION	DRN	BY	CHK	BY	APP	BY

CLIENT
HELP OFFICE - HERAT
DONOR
PATRIP FOUNDATION
PROJECT NAME/CODE NO
PREPARE DETAILED DESIGN DOCUMENTATION, WOMEN TRADE CENTER,KOHSAN DISTRICT, ISLAM QALA TOWN AFG 106-19/AFG-HELP-KOS-001-PROJECT

DRAWING TITLE
SITE PLAN

ISSUED FOR
REVISION

PROJECT ID	DRAWING NUMBER	PAGE NUMBER
	I-100	01

SCALE	1:700	DATE:	DEC .23, 2020
DESIGNED BY:	ENG. MEHRAN ARIB	CHECKED BY:	ENG. MEHRAN ARIB
DRAWN BY:	ENG.BESMULLAH FOR.	APPROVED BY:	

DESIGN AGENCY :

PEDESTAL CONSTRUCTION COMPANY

GENERAL NOTES

1 GENERAL:

- a. ALL DIMENSIONS ARE IN MILLIMETERS , UNLESS NOTED OTHERWISE.
- b. DIMENSIONS SHALL NOT BE SCALED OFF FROM THE DRAWING.
- c. ANY DISCREPANCIES NOTICED IN THE DRAWING SHALL BE REPORTED TO CONSULTANT'S / OWNER'S REPRESENTATIVES PRIOR TO EXECUTION.
- d. THE NOTES IN THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS PERTAINING TO THE STRUCTURE.
- e. THE CONTRACTOR SHALL VERIFY ALL CHAINAGE, REDUCED LEVELS, CO-COORDINATES AND DIMENSIONS BEFORE WORK STARTS. IN CASE OF ANY DISCREPANCY, THE MATTER SHALL BE BROUGHT TO THE NOTICE OF THE ENGINEER-IN-CHARGE.
- f. NOTE FOR EXECUTION
ALL THE WORK SHOULD BE EXECUTED UNDER THE SUPERVISION OF OWNER'S ENGINEER AND HIS DECISION WILL PREVAIL REGARDING ANY MATTER RELATED TO INTERPRETATION OF DRAWINGS AND / OR SPECIFICATION.
- g. REQUIREMENTS FOR HOT WEATHER CONCRETING SHOULD BE IN ACCORDANCE WITH ACI 305R-99 BASED ON ACI 318-05 SECTION 5.13.
- h. REQUIREMENTS FOR COLD WEATHER CONCRETING SHOULD BE IN ACCORDANCE WITH ACI 306.1-90 BASED ON ACI 318-05 SECTION 5.12.
- i. ALL CONDUITS, PIPES AND SLEEVES EMBEDDED IN CONCRETE SHOULD BE WITHIN LIMITATIONS SPECIFIED UNDER ACI-318-05 SECTION 6.3.

2 CODES AND SPECIFICATIONS

- ACI 318-08 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE AND COMMENTARY
ASCE-7-05 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES
IBC-2009 INTERNATIONAL BUILDING CODE (2009 IBC CODE TO BE IMPLEMENTED FOR SEISMIC DESIGN PURPOSES)
ACI-350 CODE REQUIREMENT FOR ENVIRONMENTAL ENGINEERING CONCRETE STRUCTURES & COMMENTARY.
ACI SP-66 ACI DETAILING MANUAL
ACI 207. 1R-96 MASS CONCRETE

DEFINITIONS

- ACI AMERICAN CONCRETE INSTITUTE
ASCE AMERICAN SOCIETY OF CIVIL ENGINEERS
IBC INTERNATIONAL BUILDING CODE

2a SEISMIC PARAMETER

- SEISMIC OCCUPANCY CATEGORY = III
SITE CLASS = 4
SEISMIC DESIGN CATEGORY = D
SEISMIC IMPORTANCE FACTOR (I) = 1.0
RESPONSE MODIFICATION FACTOR (R) = 8
SPECTRAL RESPONSE FACTORS (S) = 1.28g
SPECTRAL RESPONSE FACTORS (S) = 0.51g

2b WIND LOAD:

- DESIGN WIND LOAD FOR BUILDING SHALL BE IN ACCORDANCE WITH ASCE 7-2005. USING A BASIC WIND SPEED VELOCITY V OF 140 km/ph
WIND EXPOSURE CATEGORY = B
WIND IMPORTANCE FACTOR = 1.0

3 SOIL AND FOUNDATIONS

- a. MODULUS OF SUBGRADE REACTION CONSIDERED FOR RAFT DESIGN - 20,400 KN/cum
b. THE SOIL BEARING CAPACITY USED FOR DESIGN IS 1kg/cm².
c. EARTH UNDER ALL THE FOUNDATION SHALL BE COMPACTED TO 95%.
d. A MIN. 50MM LAYER OF PCC SHALL BE PROVIDED UNDER ALL THE FOUNDATION.

4. CAST IN PLACE CONCRETE (CYLINDRICAL STRENGTH IN

ACCORDANCE WITH ASTM C172)
FOUNDATION 28 N/mm
COLUMNS 28 N/mm
BEAMS 28 N/mm
SLAB 28 N/mm

5 REINFORCING STEEL

- a. CONCRETE REINFORCEMENT SHALL BE FABRICATED AND PLACED IN ACCORDANCE WITH RELEVANT STRUCTURAL DRAWINGS AND RELEVANT STANDARD CODES & SPECIFICATIONS.
- b. REINFORCING STEEL YIELD STRENGTH 420 N/mm
- c. REINFORCING STEEL SHALL BE ACCURATELY PLACED AND ADEQUATELY SECURED IN POSITION. LOCATION OF REINFORCEMENT SHALL BE INDICATED ON DRAWINGS. THE FOLLOWING PROTECTION FOR REINFORCEMENT SHALL BE PROVIDED, EXCEPT OTHERWISE NOTED ON DRAWINGS.

MINIMUM COVER

SHALL BE EQUAL TO DIAMETER OF LARGEST REINFORCING BAR OR AS SPECIFIED BELOW, WHICHEVER IS GREATER.

CAST AGAINST PERMANENTLY EXPOSED TO EARTH 75mm
EXPOSED TO EARTH OR WEATHER

20mm DIA THROUGH 32mm DIA 50mm
16mm DIA OR SMALLER 40mm

NOT EXPOSED TO WEATHER OR IN CONTACT WITH THE GROUND, SLAB, WALLS 20mm
BEAMS 40mm
COLUMNS 40mm

e. LAPS AND DEVELOPEMENT LENGTHS(Ld):

LAPS SHALL BE PROVIDED ONLY AT APPROVED LOCATIONS AND SHOULD BE STAGGERED. LAP LENGTH SHALL BE 'Ld' AS GIVEN BELOW.
'Ld' = FACTOR X DIAMETER OF BARS.

MULTIPLYING FACTORS

CONCRETE GRADE 4000 psi						
BAR DIA	10	12	16	20	25	32
DEVELOPMENT LENGTH FACTOR	38db	38db	38db	47db	47db	47db

db - DIA OF BAR

- f. REINFORCEMENT TO BE PROVIDED IN TWO LAYERS, IF REQUIRED TO AVOID CONGESTIONS AND FOR EASY PLACEMENT OF CONCRETE. THIS SHOULD BE REPORTED TO CONSULTANT PRIOR TO EXECUTION.
- g. REINFORCING STEEL WILL CONFORM TO ASTM615, GRADE 60
- h. MINIMUM LENGTH OF LAP FOR TENSION LAP SPLICES SHOULD BE IN ACCORDANCE WITH ACI 318-05 SECTION 12.15.1.
- i. REINFORCEMENT AND CONNECTION OF STURCTURE SHALL BE EFFECTIVELY TIED AND SHALL CONSTITUTE MINIMUM REQUIREMENTS IN ACCORDANCE WITH ACI-318-05 SECTION 7.13.
- j. MINIMUM SPACING FOR SHEAR REINFORCEMENT SHOULD BE IN ACCORDANCE WITH ACI-318-05 SECTION 11.5.5.
- k. NO SPLICE SHALL BE PERMITTED ON BEAMS AT POINTS WHERE CRITICAL BENDING STRESSES OCCUR AND NO CONSTRUCTION JOINT SHALL BE PERMITTED ON BEAMS AND SLABS AT POINTS WHERE CRITICAL SHEAR STRESSES OCCUR.
- l. THE FIRST HOOP OF BEAM SHEAR REINFORCEMENT SHALL BE LOCATED NOT MORE THAN 50MM FROM FACE OF SUPPORTING MEMBER IN ACCORDANCE WITH ACI-318-05 SECTION 21.3.3.2.
- m. COLUMN TIES SHALL BE LOCATED VERTICALLY NOT MORE THAN ONE-HALF A TIE SPACING ABOVE THE TOP OF FOOTING OR SLAB IN ACCORDANCE WITH ACI-318-05 SECTION 7.10.5.4.
- n. THE MINIMUM CLEAR SPACING OF REINFORCEMENT BETWEEN PARALLEL BARS IN A LAYER SHALL NOT BE LESS THAN 25MM IN ACCORDANCE WITH ACI-318-05 SECTION 7.6.1.

6 NOTATIONS:

(A) REINFORCED CONCRETE

- 3 -Ø10
DIA. OF BAR.
TOTAL NO. OF BARS.
- THE SPACING OF BAR IF GIVEN AFTER DIA IS INDICATED BY @ FOLLOWED BY SPACING IN MILLIMETERS LIKE THIS.
- 10 @ 200 C/C.
CENTER TO CENTER SPACING IN MM.
DIA. OF BAR.

7 ABBREVIATIONS

- ARCH. - ARCHITECTURE
BF - BOTH FACE
B/W - BOTH WAYS
B&T - TOP AND BOTTOM
C/C - CENTER TO CENTER
DWG. - DRAWING
FFL - FINISHED FLOOR LEVEL
Fn - FOOTING TYPE
GL - GROUND LEVEL
MM - MILLIMETERS
NO. - NUMBER
NOS. - NUMBERS
P.C.C. - PLAIN CEMENT CONCRETE. (GRADE M10 U.N.O.)
R.C.C - REINFORCED CEMENT CONCRETE
SBC - SAFE BEARING CAPACITY
THK. - THICKNESS
TYP. - TYPICAL
U.N.O. - UNLESS NOTED OTHERWISE

8 LEGENDS

- /@ - AT THE RATE OF
- GROUND LEVEL
- ONE WAY SLAB
- TWO WAY SLAB
- CANTILEVER SLAB
(An) - GRID NO.
Ø - DIAMETER OF REINFORCING BAR (SHEAR LUGS)

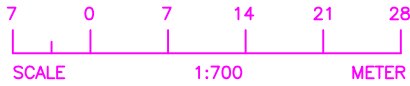
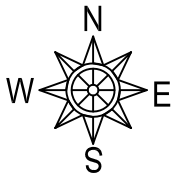
LOGOS



KEY-PLAN

NOTES :

- 1- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.



REVISIONS

DATE	DESCRIPTION	DRN	BY	CHK	BY/APP	BY

CLIENT

HELP OFFICE - HERAT

DONOR

PATRIP FOUNDATION

PROJECT NAME/CODE NO

PREPARE DETAILED DESIGN DOCUMENTATION, WOMEN TRADE CENTER,KOHSAN DISTRICT, ISLAM QALA TOWN
AFG 106-19/AFG-HELP-KOS-001-PROJECT

DRAWING TITLE

SITE PLAN

ISSUED FOR

REVISION

PROJECT ID	DRAWING NUMBER	PAGE NUMBER
	SD-100	02
SCALE	1:700	DATE: DEC 23, 2020
DESIGNED BY:	ENG. MEHRAN ARIB	CHECKED BY: ENG. MEHRAN ARIB
DRAWN BY:	ENG.BESMULLAH FOR.	APPROVED BY:

DESIGN AGENCY :



PEDESTAL CONSTRUCTION COMPANY



LEGEND:

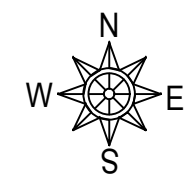
ROOM NO.	DESCRIPTIONS	AREA (Sqm)	WIDTH (Sqm)
1	PARKING	200	
2	GUARD ROOM	36	
3	MALE W.C.	8	
4	FEMALE W.C.	8	
5	GREEN AREAS	833	
6	BUILDING	1171	
7	WALK WAYS	1997	
8	PLAY GROUND	200	
9	SEPTIC TANK	32	



KEY-PLAN

NOTES :

1- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.



REVISIONS

DATE	DESCRIPTION	DRN	BY	CHK	BY APP	BY

CLIENT
HELP OFFICE - HERAT

DONOR
PATRIP FOUNDATION

PROJECT NAME/CODE NO
PREPARE DETAILED DESIGN DOCUMENTATION, WOMEN
TRADE CENTER,KOHSAN DISTRICT, ISLAM QALA TOWN
AFG 106-19/AFG-HELP-KOS-001-PROJECT

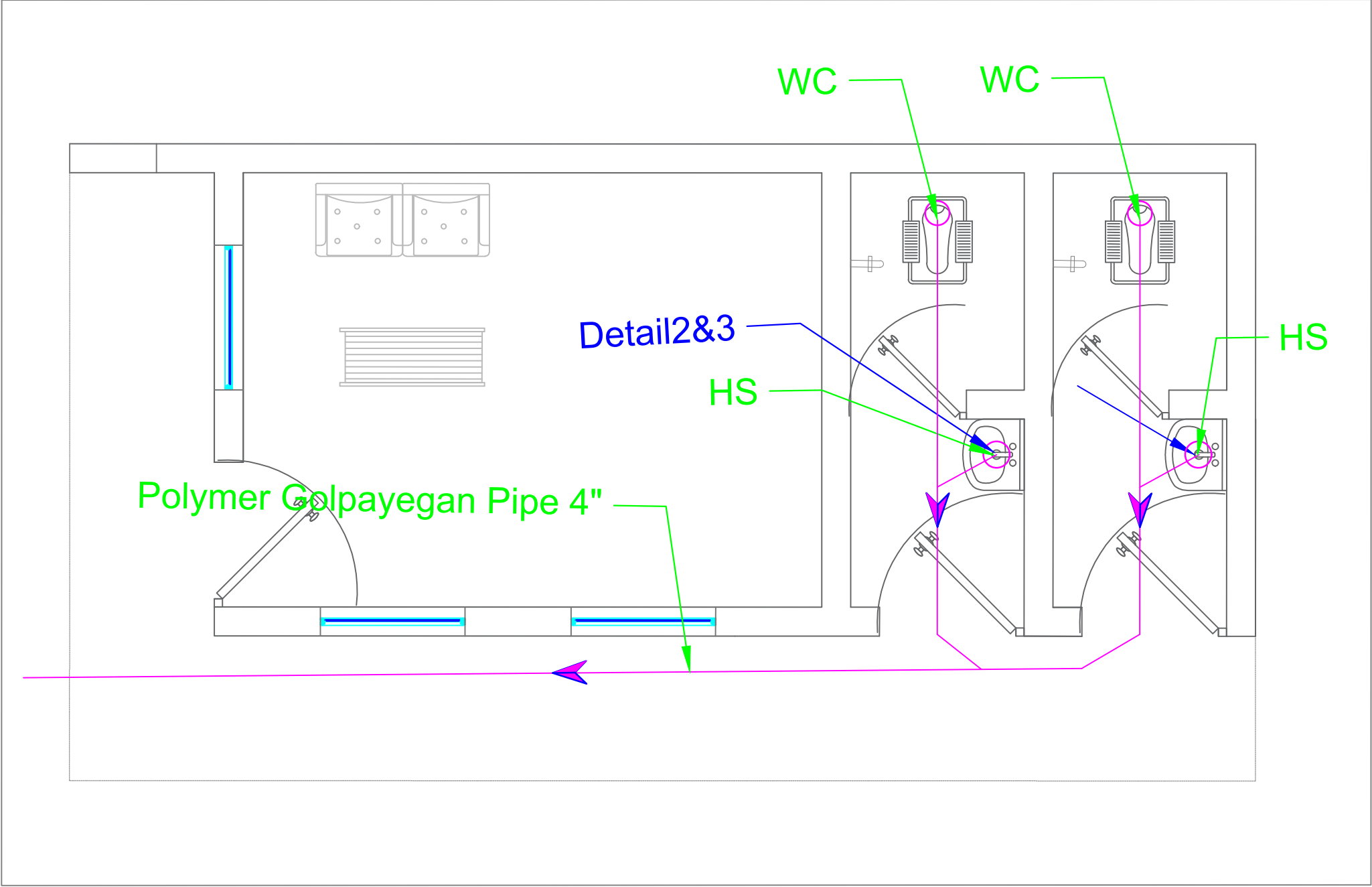
DRAWING TITLE
SITE PLAN

ISSUED FOR
REVISION

PROJECT ID	DRAWING NUMBER	PAGE NUMBER
	P-100	03


SCALE	1:700	DATE:	DEC.23.2020
DESIGNED BY:	ENG. MEHRAN ARIB	CHECKED BY:	ENG. MEHRAN ARIB
DRAWN BY:	ENG BESMULLAH FOR	APPROVED BY:	






Details of H

LOGOS



PATRIP
FOUNDATION



Help
Hilfe zur Selbsthilfe

KEY-PLAN

NOTES :
1- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

606121824

SCALE1:600METER

REVISIONS

DATE	DESCRIPTION	DRN	BY	CHK	BY APP	BY

CLIENT

HELP OFFICE - HERAT

DONOR

PATRIP FOUNDATION

PROJECT NAME/CODE NO

PREPARE DETAILED DESIGN DOCUMENTATION, WOMEN
TRADE CENTER,KOHSAN DISTRICT, ISLAM QALA TOWN
AFG 106-19/AFG-HELP-KOS-001-PROJECT

DRAWING TITLE


DETAILS H

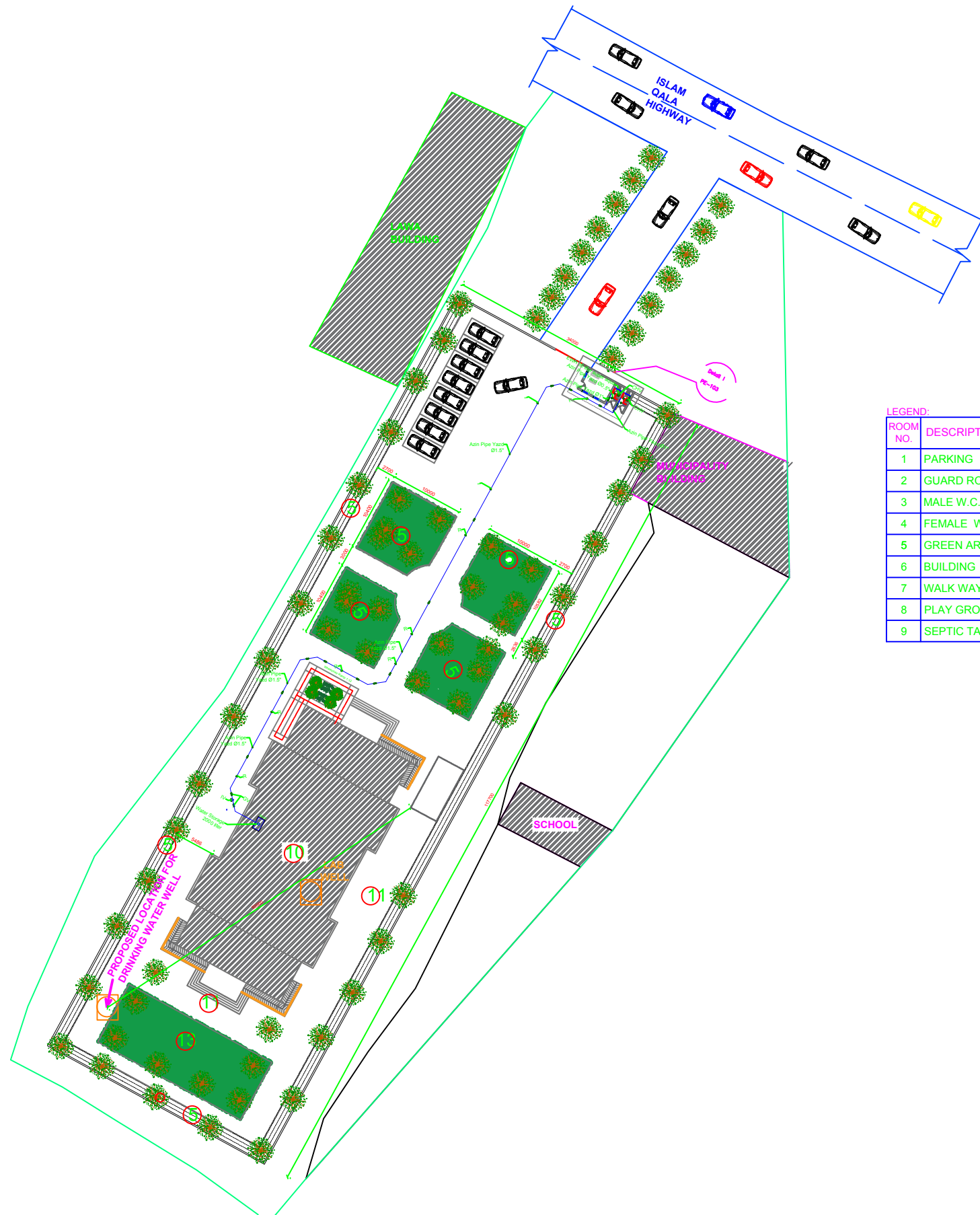
ISSUED FOR

REVISION

PROJECT ID	DRAWING NUMBER	PAGE NUMBER
	P-101	04

SCALE	1:600	DATE:	DEC.23.2020
DESIGNED BY:	ENG. MEHRAN ARIB	CHECKED BY:	ENG. MEHRAN ARIB
DRAWN BY:	ENG. BESMULLAH FOR	APPROVED BY:	

DESIGN AGENCY :

PEDESTAL CONSTRUCTION COMPANY



LEGEND:

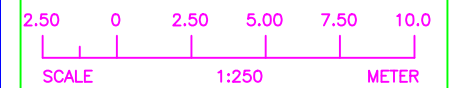
ROOM NO.	DESCRIPTIONS	AREA (Sqm)	WIDTH (Sqm)
1	PARKING	200	
2	GUARD ROOM	36	
3	MALE W.C.	8	
4	FEMALE W.C.	8	
5	GREEN AREAS	833	
6	BUILDING	1171	
7	WALK WAYS	1997	
8	PLAY GROUND	200	
9	SEPTIC TANK	32	

LOGOS



KEY-PLAN

NOTES :



REVISIONS

DATE	DESCRIPTION	DRN	BY	CHK	BY	APP	BY

CLIENT

HELP OFFICE - HERAT

DONOR

PATRIP FOUNDATION

PROJECT NAME/CODE NO

PREPARE DETAILED DESIGN DOCUMENTATION, WOMEN
TRADE CENTER,KOHSAN DISTRICT, ISLAM QALA TOWN
AFG 106-19/AFG-HELP-KOS-001-PROJECT

DRAWING TITLE

GROUND FLOOR PLAN

ISSUED FOR

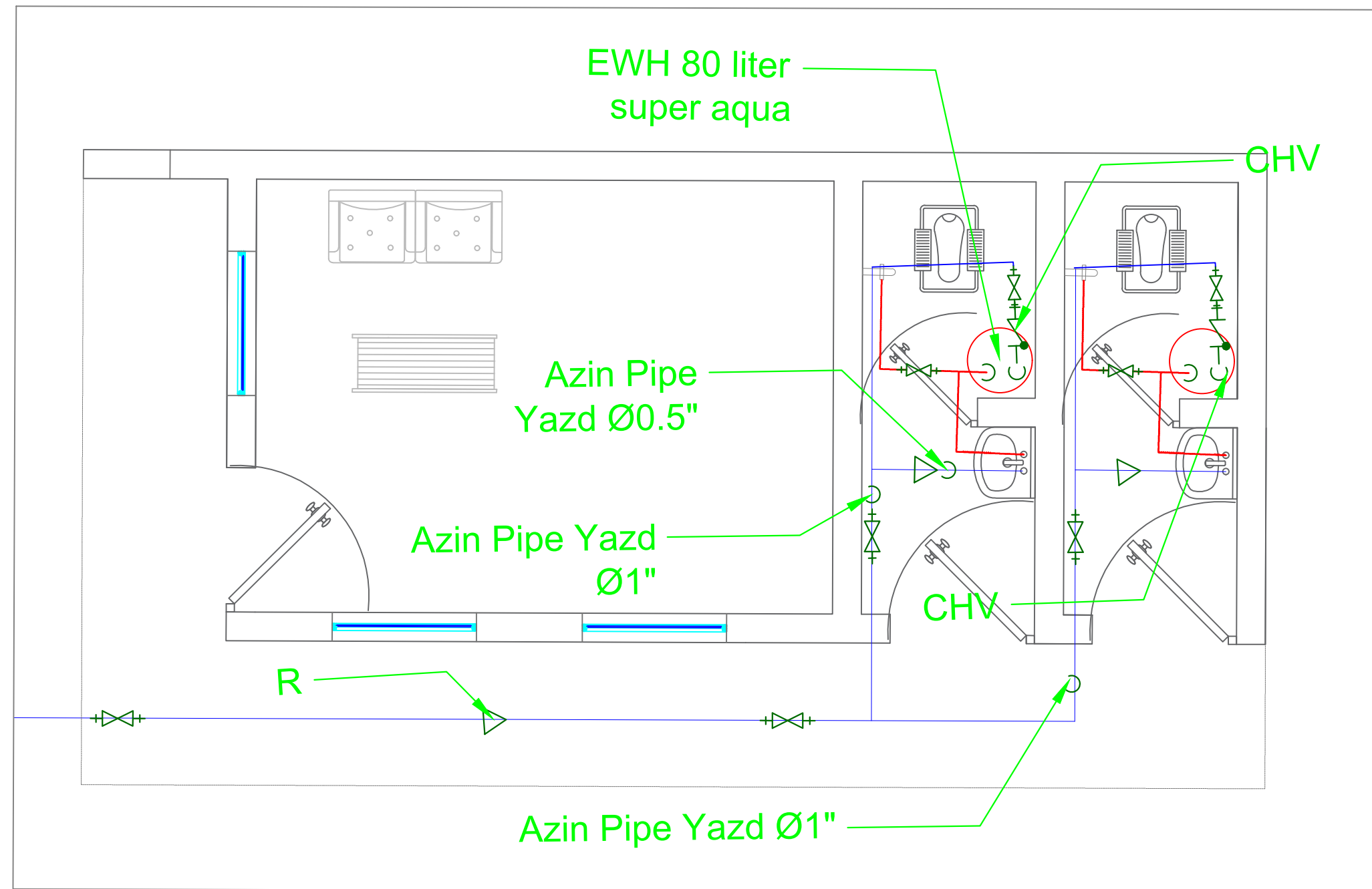
REVISION

PROJECT ID	DRAWING NUMBER	PAGE NUMBER
	P-102	05
SCALE	1:250	DATE: DEC.23.2020
DESIGNED BY:	ENG. MEHRAN ARIB	CHECKED BY: ENG. MEHRAN ARIB
DRAWN BY:	ENG. BESMULLAH FOR	APPROVED BY:

DESIGN AGENCY :



PEDESTAL CONSTRUCTION COMPANY



Details of I

LOGOS



KEY-PLAN

NOTES :



REVISIONS				
DATE	DESCRIPTION	DRN	CHK	BY APP

CLIENT
HELP OFFICE - HERAT

DONOR
PATRIP FOUNDATION

PROJECT NAME/CODE NO
PREPARE DETAILED DESIGN DOCUMENTATION, WOMEN
TRADE CENTER, KOHSAN DISTRICT, ISLAM QALA TOWN
AFG 106-19/AFG-HELP-KOS-001-PROJECT

DRAWING TITLE
FIRST FLOOR PLAN

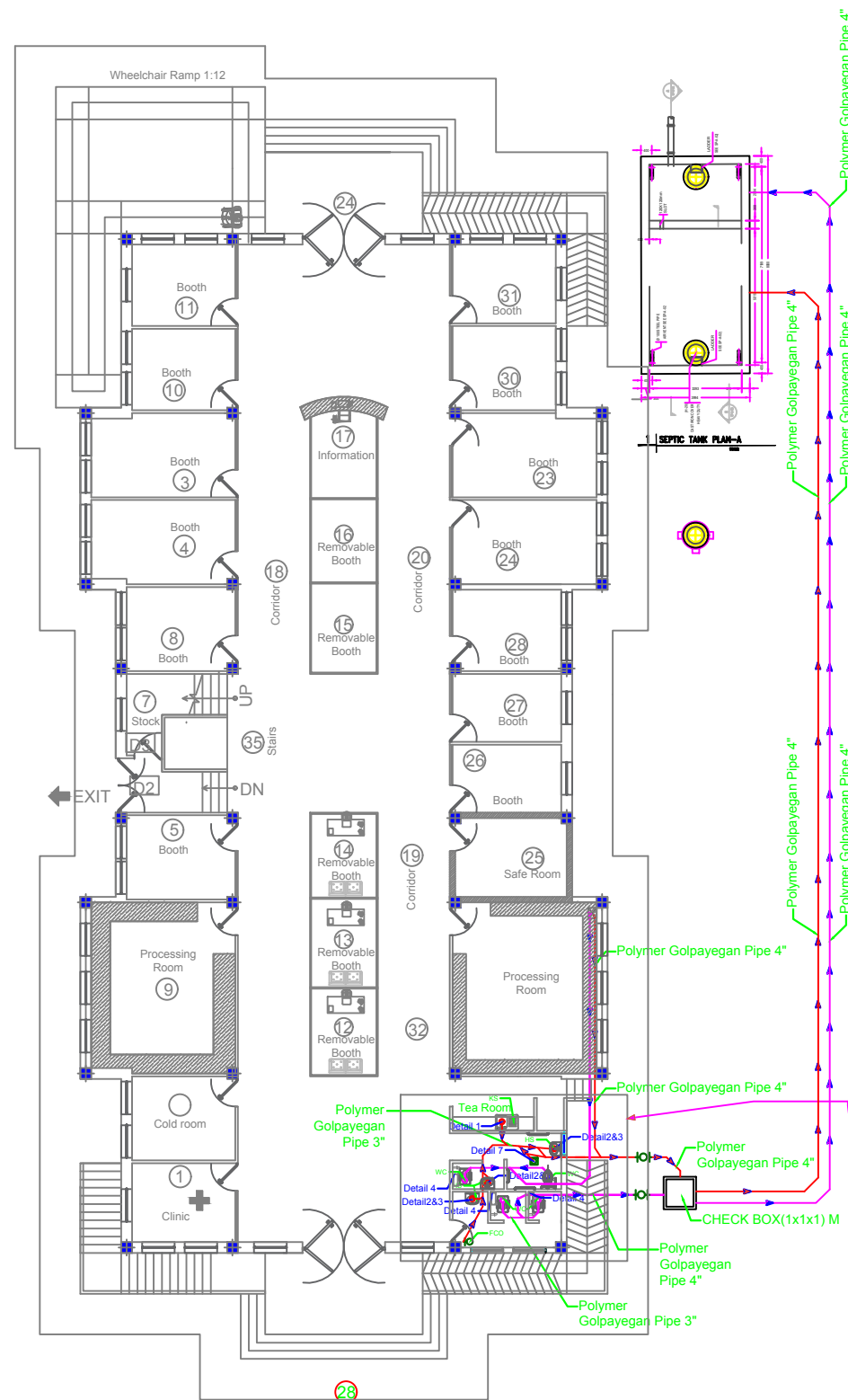
ISSUED FOR
REVISION

PROJECT ID	DRAWING NUMBER	PAGE NUMBER
	P-103	06

SCALE	1:250	DATE	DEC.23.2020
DESIGNED BY:	ENG. MEHRAN ARIB	CHECKED BY:	ENG. MEHRAN ARIB
DRAWN BY:	ENG. BESMULLAH FOR	APPROVED BY:	

DESIGN AGENCY :

PEDESTAL CONSTRUCTION COMPANY



LEGEND

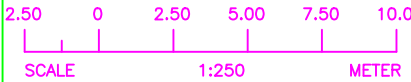
SYMBOL	DESCRIPTION
	SEWER PIPE LINE
	SEWER FLOW DIRECTION
	FLOOR DRAIN
	REDUCER
	FLOOR CLEAN OUT
	WATER CLOSET

LOGOS



KEY-PLAN

NOTES :



REVISIONS				
DATE	DESCRIPTION	DRN	CHK	BY APP

CLIENT
HELP OFFICE - HERAT

DONOR
PATRIP FOUNDATION

PROJECT NAME/CODE NO
PREPARE DETAILED DESIGN DOCUMENTATION, WOMEN
TRADE CENTER,KOHSAN DISTRICT, ISLAM QALA TOWN
AFG 106-19/AFG-HELP-KOS-001-PROJECT

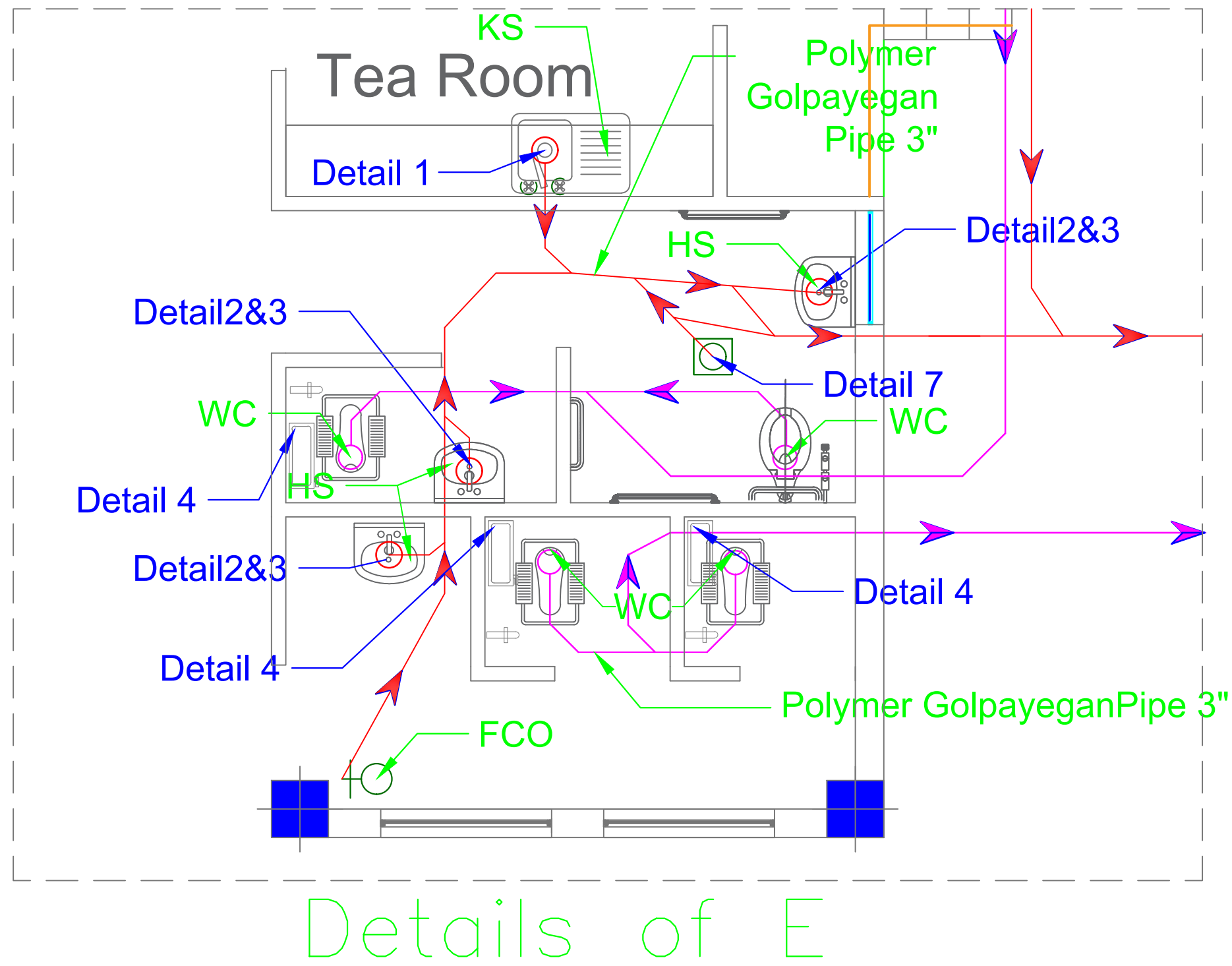
DRAWING TITLE
SECTIONS - A

ISSUED FOR
REVISION

PROJECT ID	DRAWING NUMBER	PAGE NUMBER
	P-104	07
SCALE	1:250	DATE: DEC.23.2020
DESIGNED BY:	ENG. MEHRAN ARIB	CHECKED BY: ENG. MEHRAN ARIB
DRAWN BY:	ENG. BESMULLAH FOR	APPROVED BY:

DESIGN AGENCY :

PEDESTAL CONSTRUCTION COMPANY



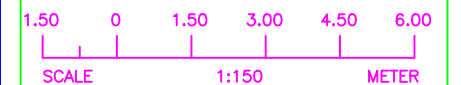
LOGOS



KEY-PLAN

NOTES :

1- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.



REVISIONS				
DATE	DESCRIPTION	DRN	CHK	BY APP

CLIENT
HELP OFFICE - HERAT

DONOR
PATRIP FOUNDATION

PROJECT NAME/CODE NO
PREPARE DETAILED DESIGN DOCUMENTATION, WOMEN
TRADE CENTER, KOHSAN DISTRICT, ISLAM QALA TOWN
AFG 106-19/AFG-HELP-KOS-001-PROJECT

DRAWING TITLE
SECTIONS - B

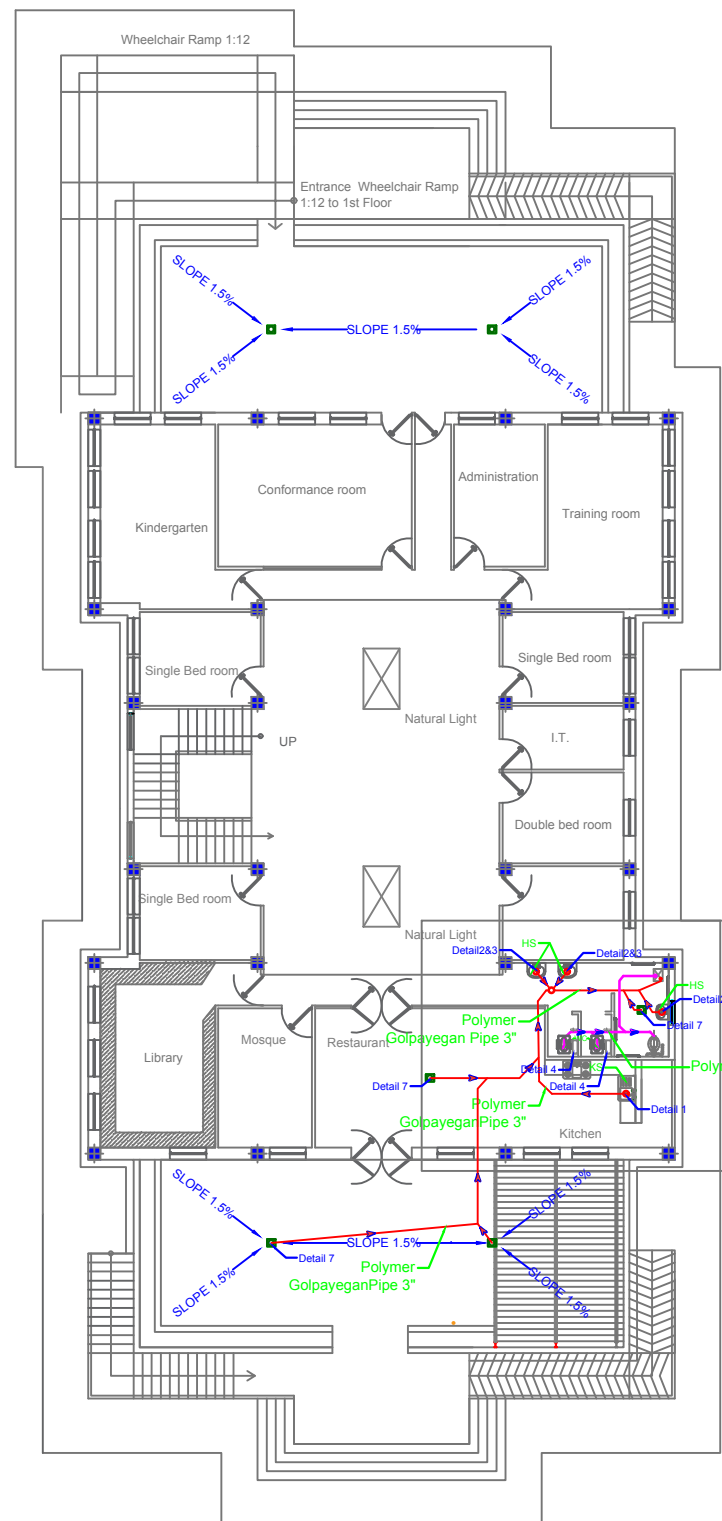
ISSUED FOR
REVISION

PROJECT ID	DRAWING NUMBER	PAGE NUMBER
	P-105	08

SCALE	1:150	DATE	DEC.23.2020
DESIGNED BY:	ENG. MEHRAN ARIB	CHECKED BY:	ENG. MEHRAN ARIB
DRAWN BY:	ENG. BESMULLAH FOR	APPROVED BY:	

DESIGN AGENCY :

PEDESTAL CONSTRUCTION COMPANY



1
PE-100

SECOND FLOOR PLAN
SANITARY WASTE WATER

1:250

LEGEND

SYMBOL	DESCRIPTION
	SEWER PIPE LINE
	SEWER FLOW DIRECTION
FD	FLOOR DRAIN
R	REDUCER
FCO	FLOOR CLEAN OUT
WC	WATER CLOSET

Detail G
PE-104

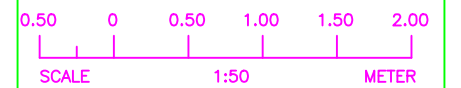
LOGOS



KEY-PLAN

NOTES :

1- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.



REVISIONS				
DATE	DESCRIPTION	DRN	BY	CHK BY/APP BY

CLIENT
HELP OFFICE - HERAT

DONOR
PATRIP FOUNDATION

PROJECT NAME/CODE NO
PREPARE DETAILED DESIGN DOCUMENTATION, WOMEN
TRADE CENTER,KOHSAN DISTRICT, ISLAM QALA TOWN
AFG 106-19/AFG-HELP-KOS-001-PROJECT

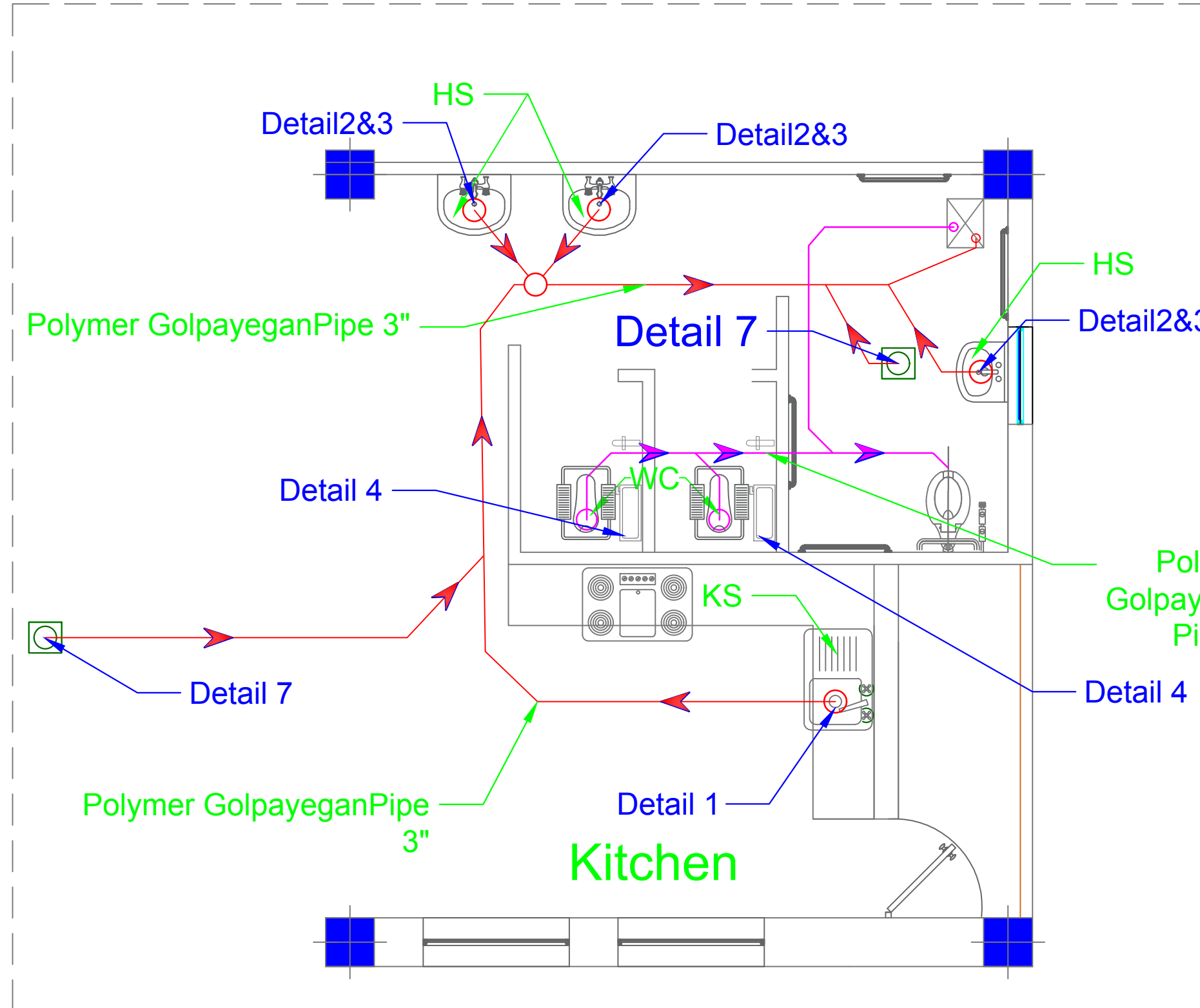
DRAWING TITLE
DETAILS OF DOORS & WINDOWS

ISSUED FOR
REVISION

PROJECT ID	DRAWING NUMBER	PAGE NUMBER
	P-106	09
SCALE	1:50	DATE: DEC.23.2020
DESIGNED BY:	ENG. MEHRAN ARIB	CHECKED BY: ENG. MEHRAN ARIB
DRAWN BY:	ENG. BESMULLAH FOR.	APPROVED BY:

DESIGN AGENCY :

PEDESTAL CONSTRUCTION COMPANY



Details of G

LOGOS



KEY-PLAN

NOTES :

1- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

DATE	DESCRIPTION	DRN	BY	CHK	BY APP	BY

CLIENT
HELP OFFICE - HERAT

DONOR
PATRIP FOUNDATION

PROJECT NAME/CODE NO
PREPARE DETAILED DESIGN DOCUMENTATION, WOMEN
TRADE CENTER, KOHSAN DISTRICT, ISLAM QALA TOWN
AFG 106-19/AFG-HELP-KOS-001-PROJECT

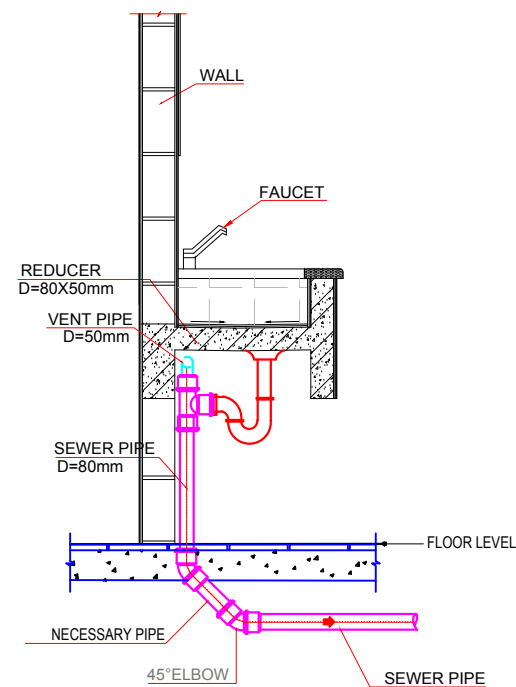
DRAWING TITLE
GROUND FLOOR PICTURE PLAN

ISSUED FOR
REVISION

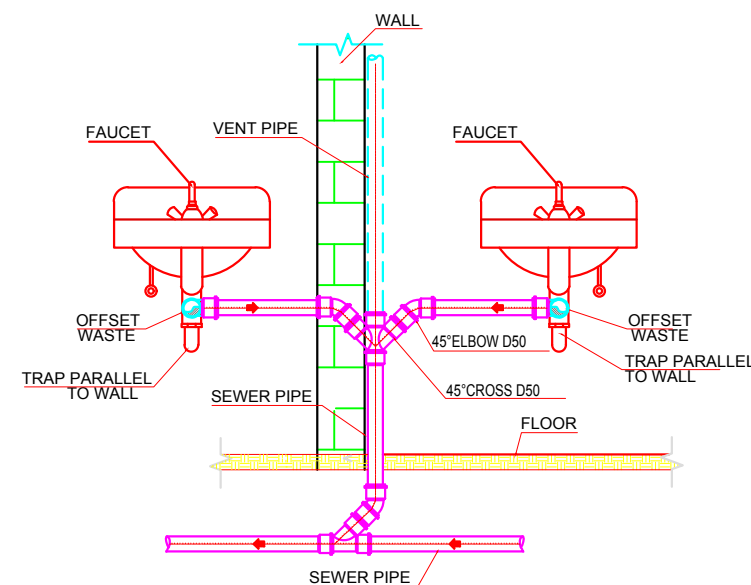
PROJECT ID	DRAWING NUMBER	PAGE NUMBER
	P-107	10

SCALE	NTS	DATE	DEC.23.2020
DESIGNED BY:	ENG. MEHRAN ARIB	CHECKED BY:	ENG. MEHRAN ARIB
DRAWN BY:	ENG. BESMULLAH FOR	APPROVED BY:	

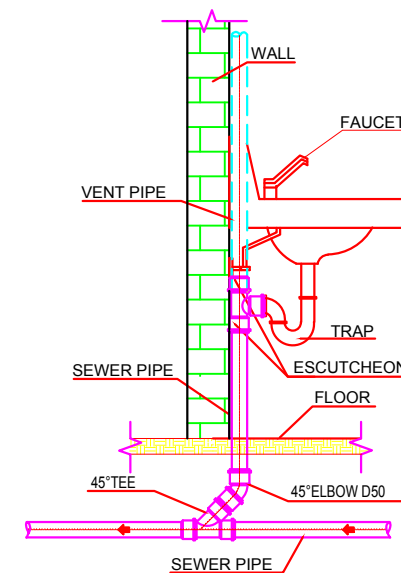
DESIGN AGENCY :



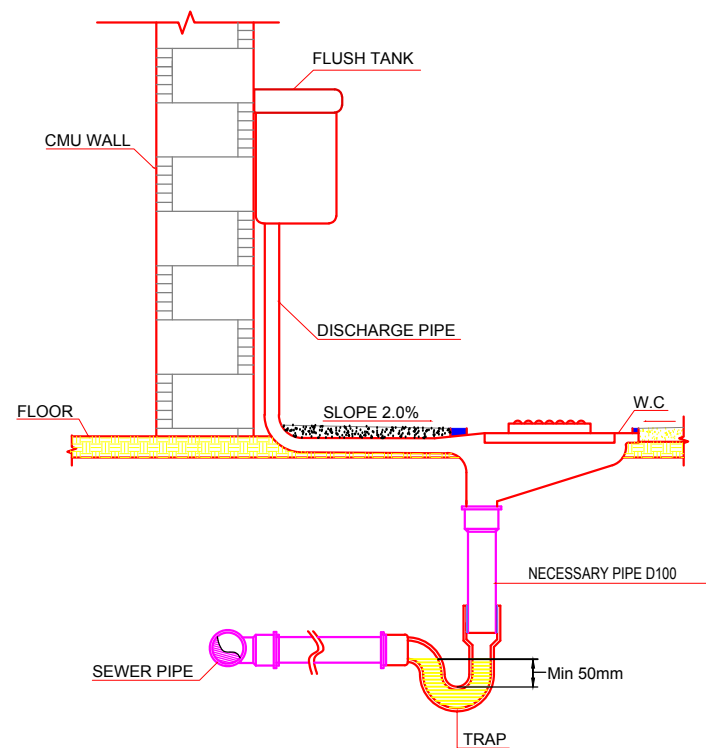
1 TROUGH FIXTURE DETAILS
SCALE: NTS



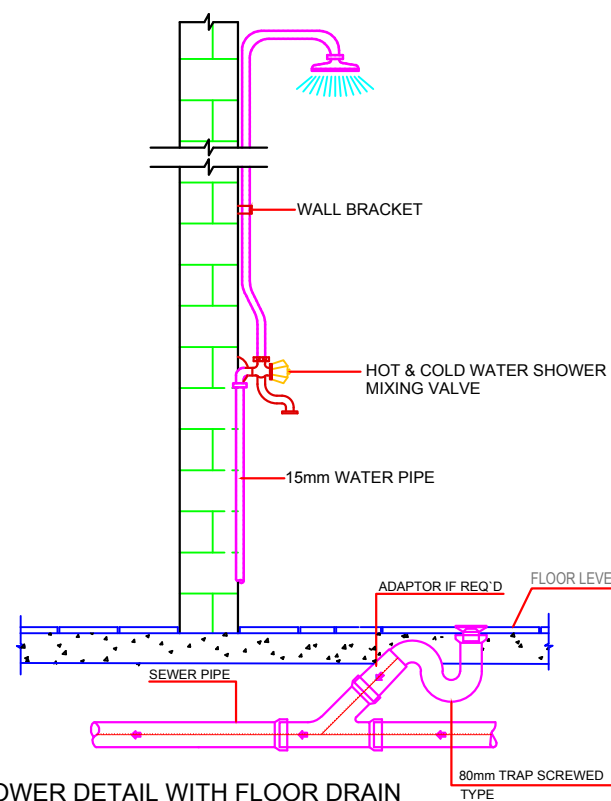
2 LAVATORY DETAIL
SCALE: NTS



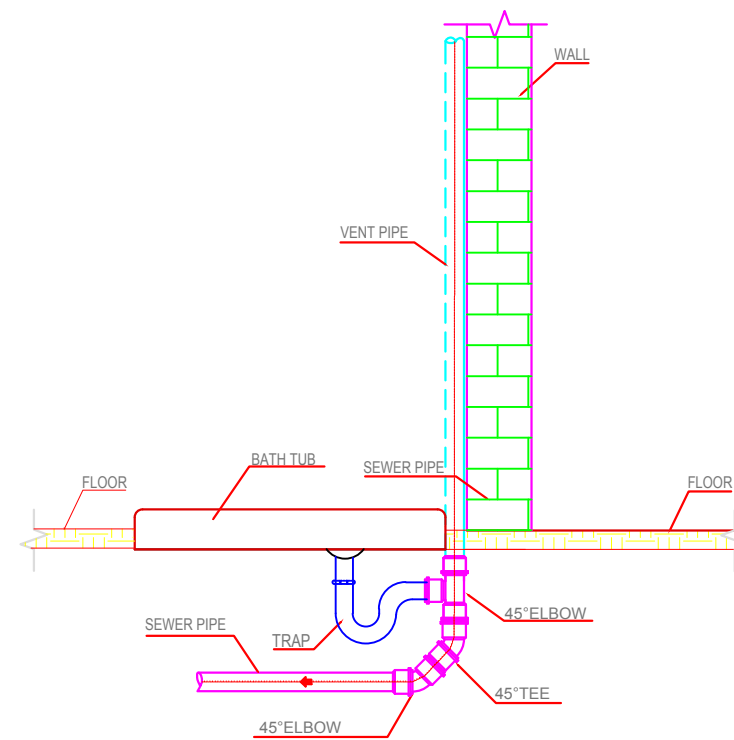
3 LAVATORY DETAIL
SCALE: NTS



4 TYPICAL SEWER FIXTURE CONNECTION DETAIL
SCALE: NTS



5 SHOWER DETAIL WITH FLOOR DRAIN
SCALE: NTS



6 SHOWER DETAIL WITH TUB
SCALE: NTS

Details of Water and wastewater

LOGOS



KEY-PLAN

NOTES :

1- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

DATE	DESCRIPTION	DRN	BY	CHK	BY	APP	BY

CLIENT
HELP OFFICE - HERAT
DONOR
PATRIP FOUNDATION

PROJECT NAME/CODE NO
PREPARE DETAILED DESIGN DOCUMENTATION, WOMEN
TRADE CENTER, KOHSAN DISTRICT, ISLAM QALA TOWN
AFG 106-19/AFG-HELP-KOS-001-PROJECT

DRAWING TITLE
GROUND FLOOR PICTURE PLAN

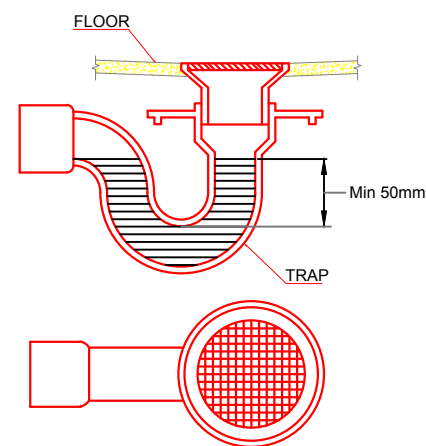
ISSUED FOR
REVISION

PROJECT ID	DRAWING NUMBER	PAGE NUMBER
	P-108	11
SCALE	NTS	DATE: DEC.23.2020
DESIGNED BY:	ENG. MEHRAN ARIB	CHECKED BY: ENG. MEHRAN ARIB
DRAWN BY:	ENG. BESMULLAH FOR	APPROVED BY:

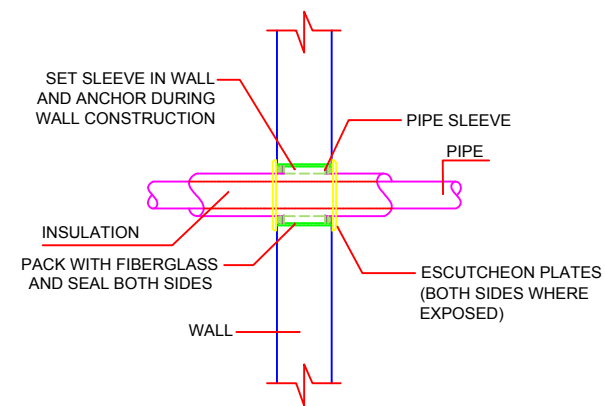
DESIGN AGENCY :



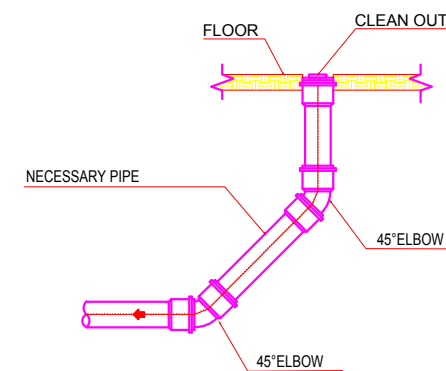
PEDESTAL CONSTRUCTION COMPANY



7 FLOOR DRAIN DETAIL
SCALE: NTS



8 PIPE PENETRATION DETAIL THRU WALL
SCALE: NTS



9 CLEAN OUT DETAIL AT END OF PIPE
SCALE: NTS

Details of Water and wastewater

LOGOS



KEY-PLAN

NOTES :

1- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

REVISIONS

DATE	DESCRIPTION	DRN	BY	CHK	BY	APP	BY

CLIENT

HELP OFFICE - HERAT

DONOR

PATRIP FOUNDATION

PROJECT NAME/CODE NO

PREPARE DETAILED DESIGN DOCUMENTATION, WOMEN
TRADE CENTER, KOHSAN DISTRICT, ISLAM QALA TOWN
AFG 106-19/AFG-HELP-KOS-001-PROJECT

DRAWING TITLE

GROUND FLOOR PICTURE PLAN

ISSUED FOR

REVISION

PROJECT ID DRAWING NUMBER PAGE NUMBER

P-109 12

SCALE: NTS DATE: DEC.23.2020

DESIGNED BY: ENG. MEHRAN ARIB CHECKED BY: ENG. MEHRAN ARIB

DRAWN BY: ENG. BESMULLAH FOR APPROVED BY:

DESIGN AGENCY :



PEDESTAL CONSTRUCTION COMPANY

LOGOS



KEY-PLAN

NOTES :

1- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

REVISIONS

DATE	DESCRIPTION	DRN	BY	CHK	BY/APP	BY

CLIENT

HELP OFFICE - HERAT

DONOR

PATRIP FOUNDATION

PROJECT NAME/CODE NO

PREPARE DETAILED DESIGN DOCUMENTATION, WOMEN
TRADE CENTER,KOHSAN DISTRICT, ISLAM QALA TOWN
AFG 106-19/AFG-HELP-KOS-001-PROJECT

DRAWING TITLE

GROUND FLOOR PICTURE PLAN

ISSUED FOR

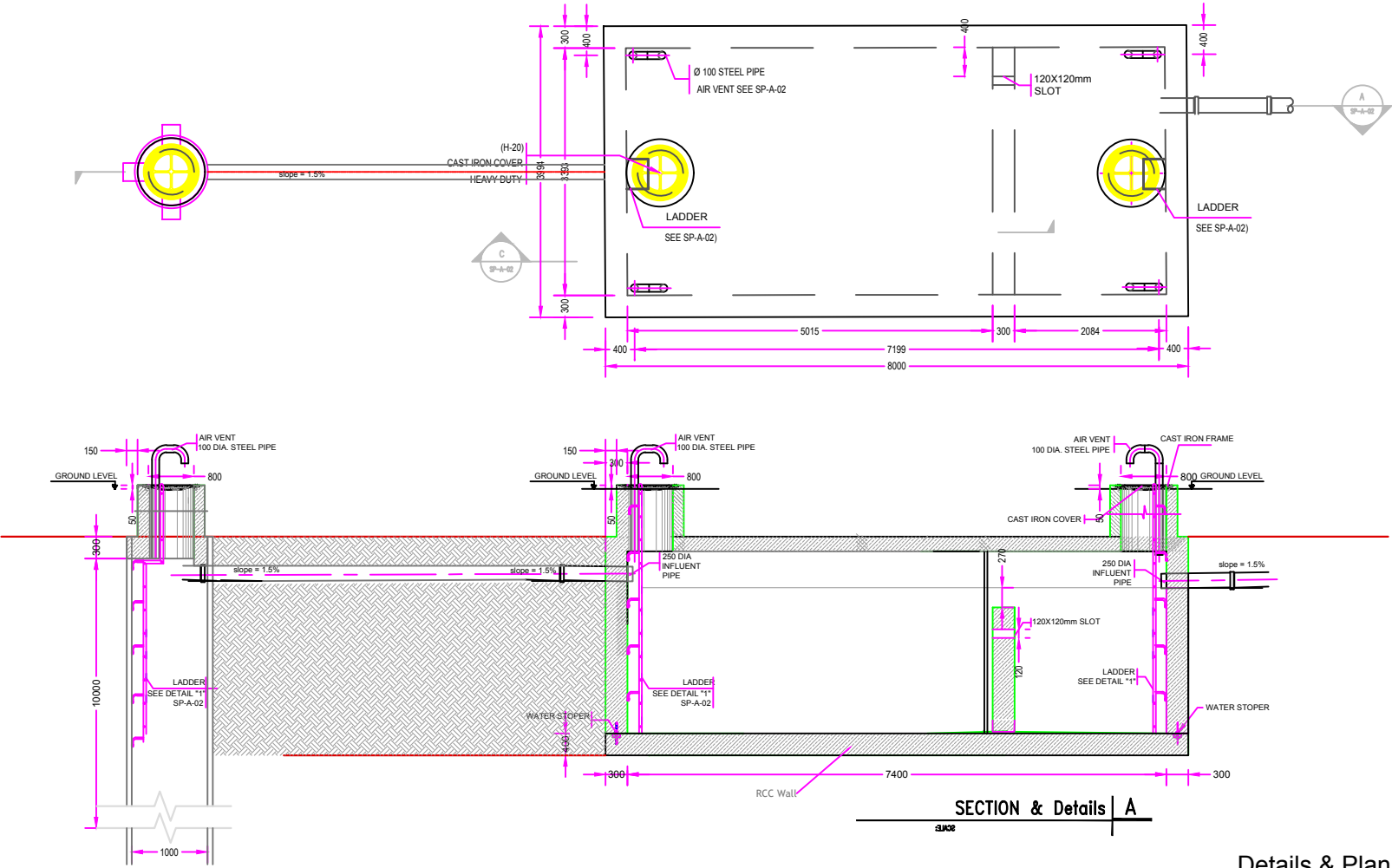
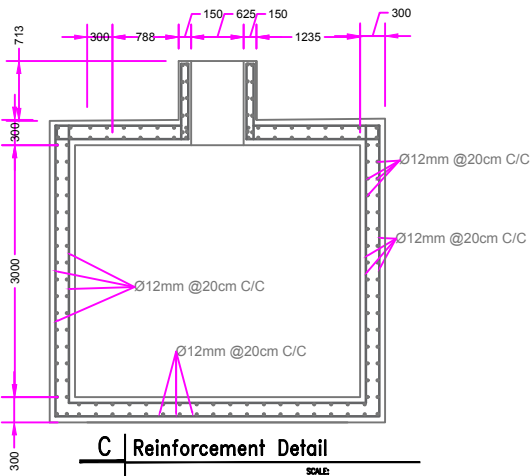
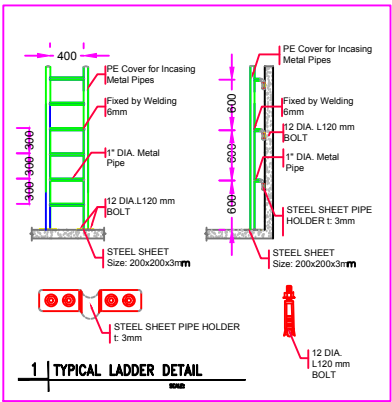
REVISION

PROJECT ID	DRAWING NUMBER	PAGE NUMBER
	P-110	13
SCALE	NTS	DATE: DEC.23.2020
DESIGNED BY:	ENG. MEHRAN ARIB	CHECKED BY: ENG. MEHRAN ARIB
DRAWN BY:	ENG. BESMULLAH FOR	APPROVED BY:

DESIGN AGENCY :

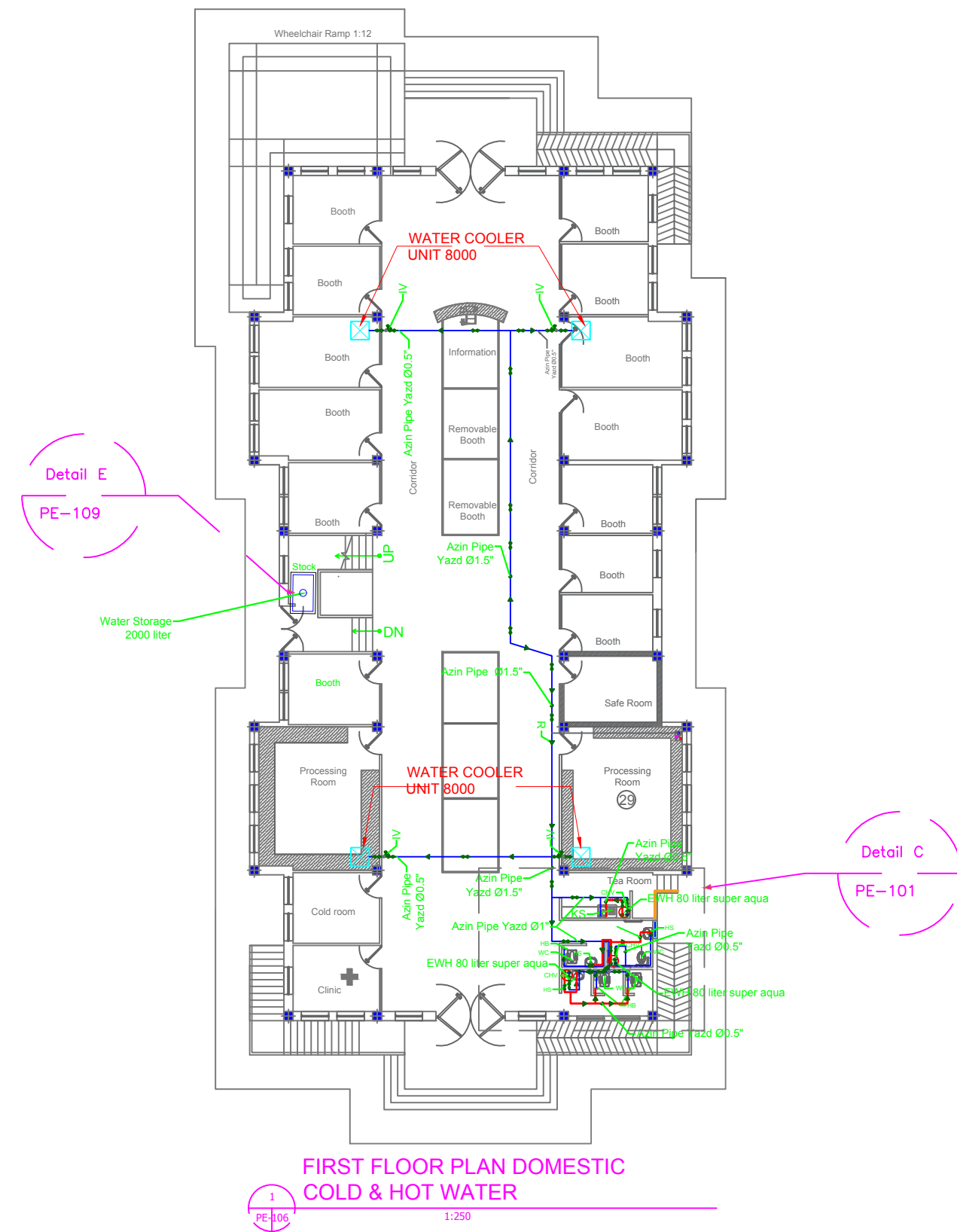


PEDESTAL CONSTRUCTION COMPANY



NOTE
1. ALL DIMENSIONS ON THIS SHEET ARE SHOWN IN MILLIMETERS,
UNLESS OTHERWISE NOTED ON THE PLAN.

Details & Plan of Septic Tank



LEGEND

SYMBOL	DESCRIPTION
	COLD WATER LINE
	HOT WATER LINE
	ISOLATION VALVE
	ELECTRIC WATER HEATER
	REDUCER
	GATE VALVE
	HOSE BIBB
	WATER CLOSET
	SHOWER
	KITCHEN SINK
	HAND SINK
	CHECK VALVE

REVISIONS				
DATE	DESCRIPTION	DRN	BY	CHK BY/APP BY

CLIENT

HELP OFFICE - HERAT

DONOR

PATRIP FOUNDATION

PROJECT NAME/CODE NO

PREPARE DETAILED DESIGN DOCUMENTATION, WOMEN
TRADE CENTER,KOHSAN DISTRICT, ISLAM QALA TOWN
AFG 106-19/AFG-HELP-KOS-001-PROJECT

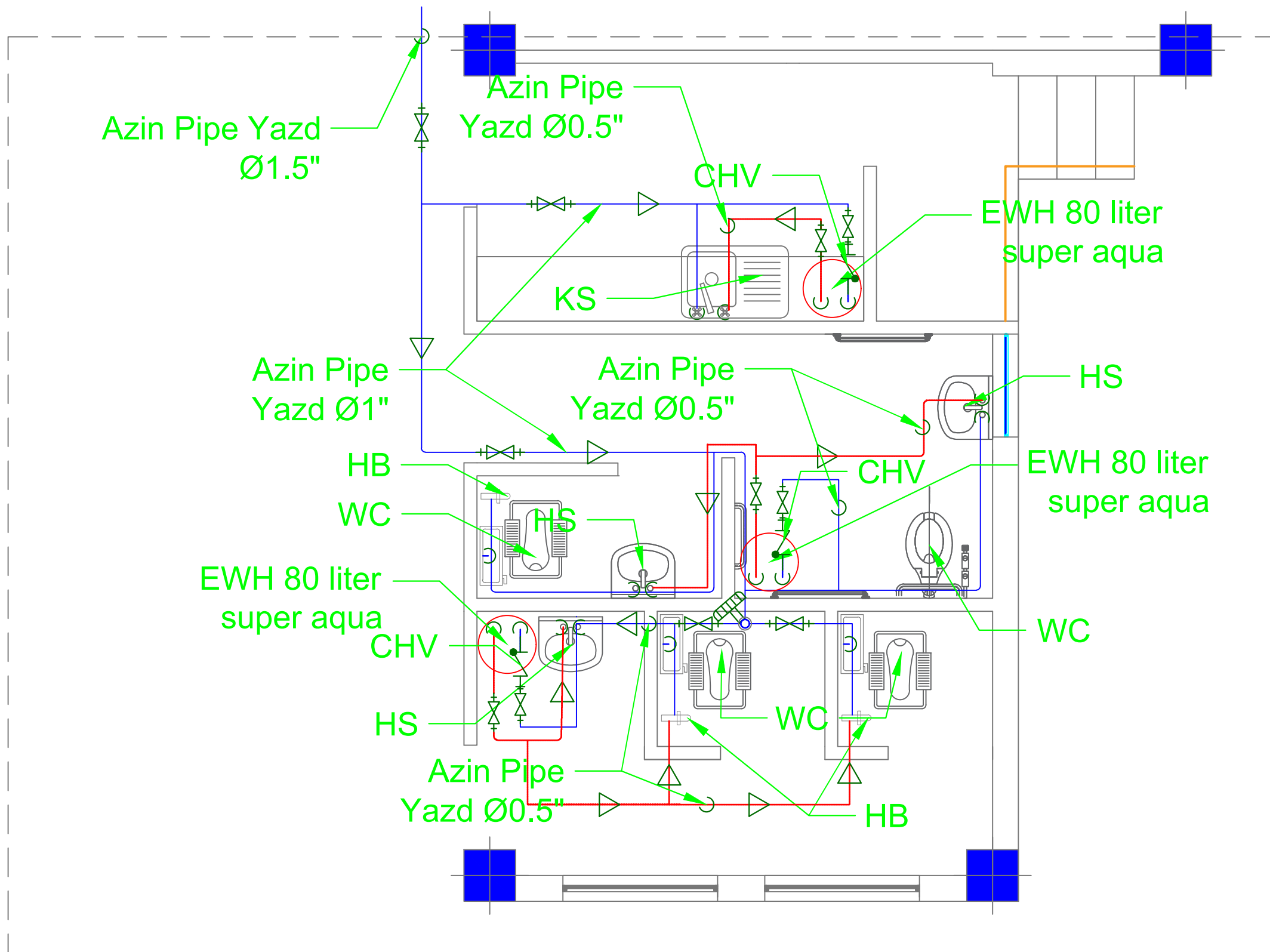
DRAWING TITLE

FIRST FLOOR PICTURE PLAN

ISSUED FOR

REVISION

PROJECT ID	DRAWING NUMBER	PAGE NUMBER
	P-111	14
SCALE	NTS	DATE: DEC.23.2020
DESIGNED BY:	ENG. MEHRAN ARIB	CHECKED BY: ENG. MEHRAN ARIB
DRAWN BY:	ENG BESMULLAH FOR	APPROVED BY:



Details of C

LOGOS



KEY-PLAN

NOTES :

1- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

DATE	DESCRIPTION	DRN	BY	CHK	BY	APP	BY

CLIENT
HELP OFFICE - HERAT

DONOR
PATRIP FOUNDATION

PROJECT NAME/CODE NO
PREPARE DETAILED DESIGN DOCUMENTATION, WOMEN
TRADE CENTER, KOHSAN DISTRICT, ISLAM QALA TOWN
AFG 106-19/AFG-HELP-KOS-001-PROJECT

DRAWING TITLE
SOUTH -WEST PERSPECTIVE

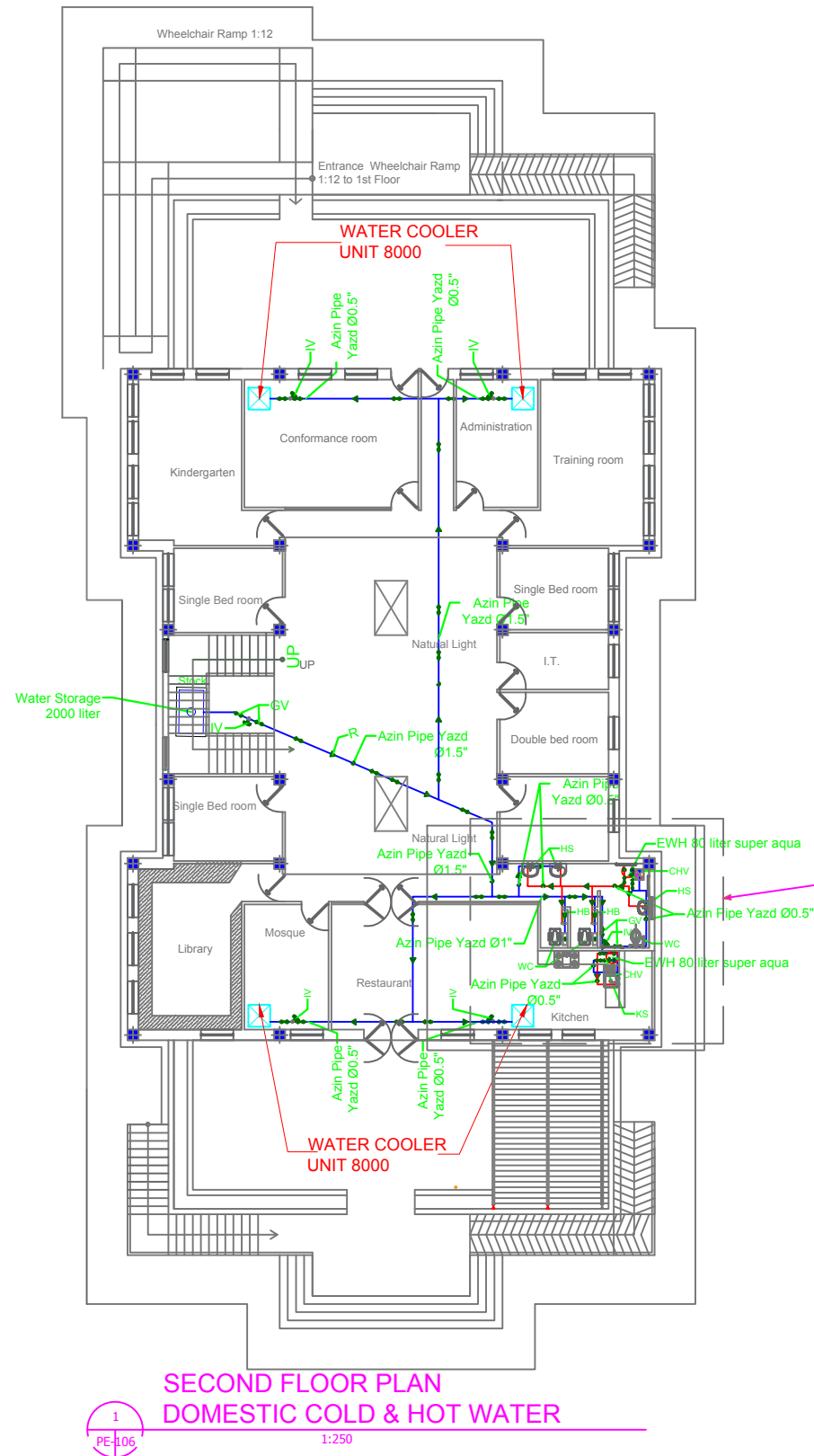
ISSUED FOR
REVISION

PROJECT ID	DRAWING NUMBER	PAGE NUMBER
	P-112	15

SCALE	NTS	DATE	DEC.23.2020
DESIGNED BY:	ENG. MEHRAN ARIB	CHECKED BY:	ENG. MEHRAN ARIB
DRAWN BY:	ENG. BESMULLAH FOR	APPROVED BY:	

DESIGN AGENCY :

PEDESTAL CONSTRUCTION COMPANY



LEGEND

SYMBOL	DESCRIPTION
	COLD WATER LINE
	HOT WATER LINE
IV	ISOLATION VALVE
EWB	ELECTRIC WATER HEATER
R	REDUCER
GV	GATE VALVE
HB	HOSE BIBB
WC	WATER CLOSET
SH	SHOWER
KS	KITCHEN SINK
HS	HAND SINK
CHV	CHECK VALVE

LOGOS



KEY-PLAN

NOTES :

1- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

REVISIONS

DATE	DESCRIPTION	DRN	BY	CHK	BY	APP	BY

CLIENT

HELP OFFICE - HERAT

DONOR

PATRIP FOUNDATION

PROJECT NAME/CODE NO

PREPARE DETAILED DESIGN DOCUMENTATION, WOMEN TRADE CENTER,KOHSAN DISTRICT, ISLAM QALA TOWN AFG 106-19/AFG-HELP-KOS-001-PROJECT

DRAWING TITLE

NORTH-EAST PERSPECTIVE

ISSUED FOR

REVISION

PROJECT ID

DRAWING NUMBER

PAGE NUMBER

SCALE

NTS

DATE

DESIGNED BY: ENG. MEHRAN ARIB

CHECKED BY: ENG. MEHRAN ARIB

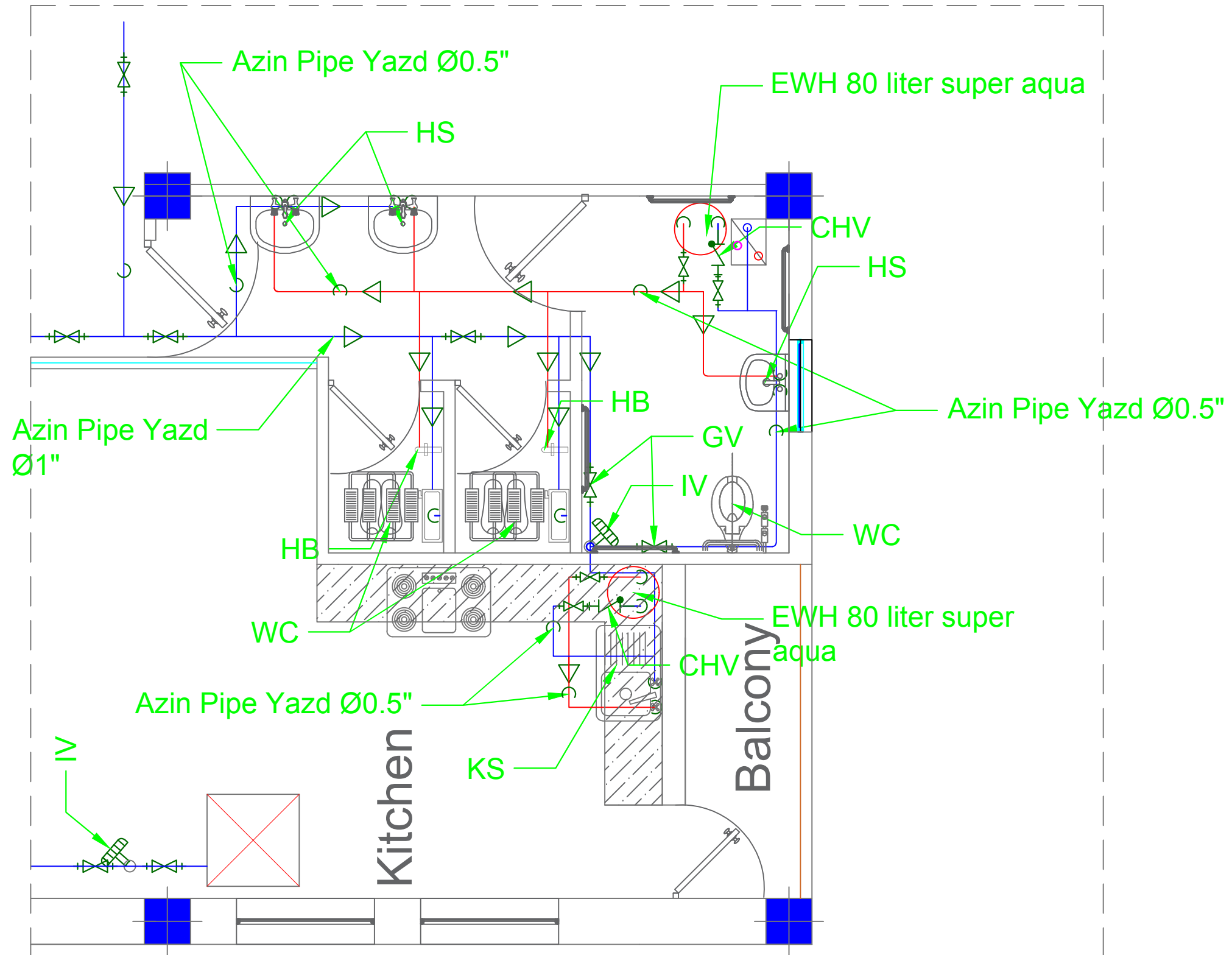
DRAWN BY: ENG. BESMULLAH FOR

APPROVED BY:

DESIGN AGENCY :

PEDESTAL CONSTRUCTION COMPANY

PEDESTAL CONSTRUCTION COMPANY



Details of D

LOGOS



KEY-PLAN

NOTES :

1- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

REVISIONS				
DATE	DESCRIPTION	DRN	BY	CHK BY/APP BY

CLIENT
HELP OFFICE - HERAT

DONOR
PATRIP FOUNDATION

PROJECT NAME/CODE NO
PREPARE DETAILED DESIGN DOCUMENTATION, WOMEN
TRADE CENTER, KOHSAN DISTRICT, ISLAM QALA TOWN
AFG 106-19/AFG-HELP-KOS-001-PROJECT

DRAWING TITLE
NORTH-EAST PERSPECTIVE

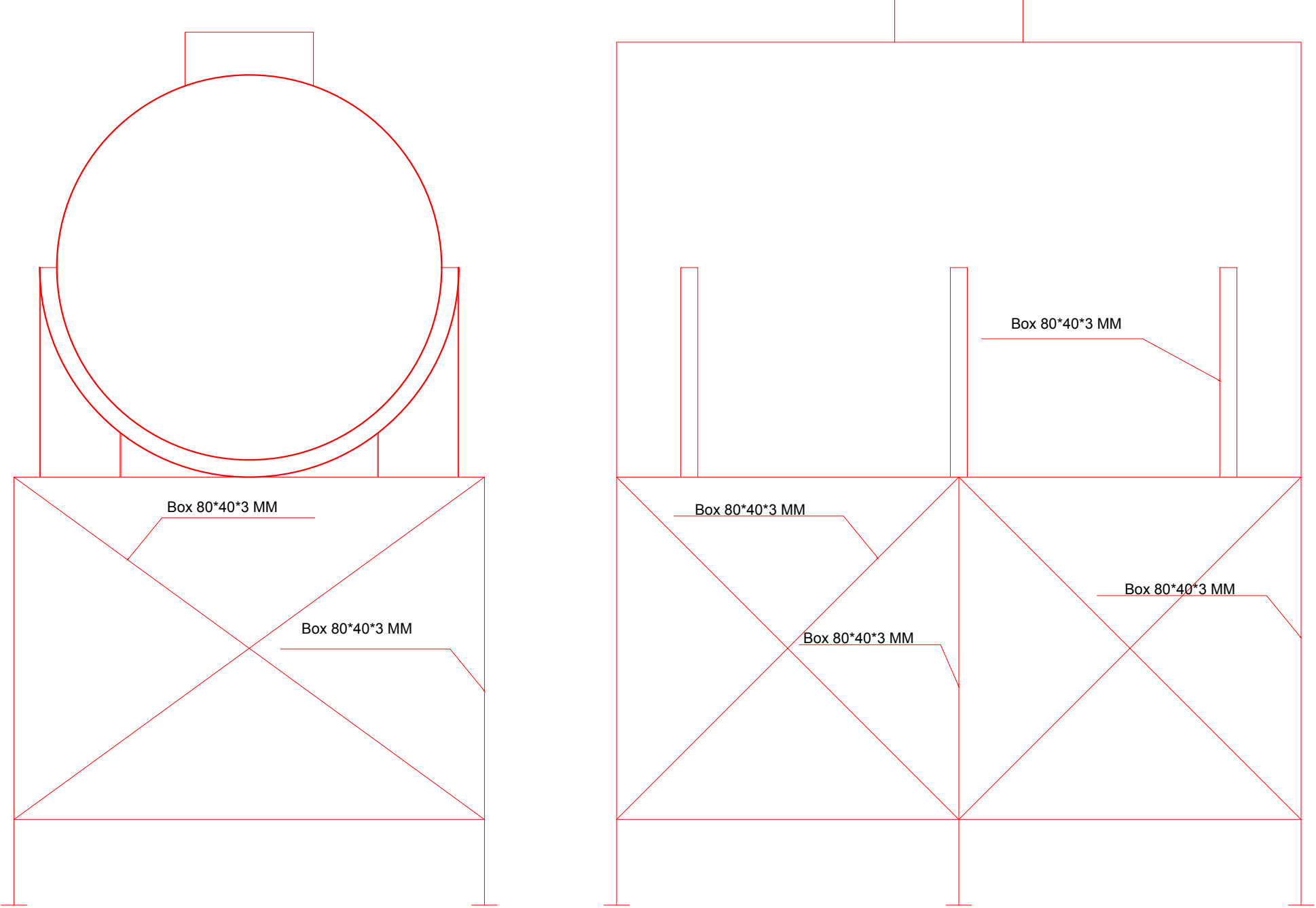
ISSUED FOR
REVISION

PROJECT ID	DRAWING NUMBER	PAGE NUMBER
	P-114	17

SCALE	NTS	DATE	DEC.23.2020
DESIGNED BY:	ENG. MEHRAN ARIB	CHECKED BY:	ENG. MEHRAN ARIB
DRAWN BY:	ENG. BESMULLAH FOR	APPROVED BY:	


DESIGN AGENCY :

PEDESTAL CONSTRUCTION COMPANY




DETAIL OF E (WATER STORAGE 2000 LITER)
SCALE: NTS

LOGOS



PATRIP
FOUNDATION



Help

Hilfe zur Selbsthilfe

KEY-PLAN

NOTES :

1- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

REVISIONS

DATE	DESCRIPTION	DRN	BY	CHK	BYAPP	BY

CLIENT

HELP OFFICE - HERAT

DONOR

PATRIP FOUNDATION

PROJECT NAME/CODE NO

PREPARE DETAILED DESIGN DOCUMENTATION, WOMEN
TRADE CENTER,KOHSAN DISTRICT, ISLAM QALA TOWN
AFG 106-19/AFG-HELP-KOS-001-PROJECT

DRAWING TITLE

NORTH-EAST PERSPECTIVE


ISSUED FOR

REVISION

PROJECT ID	DRAWING NUMBER	PAGE NUMBER
	P-115	18

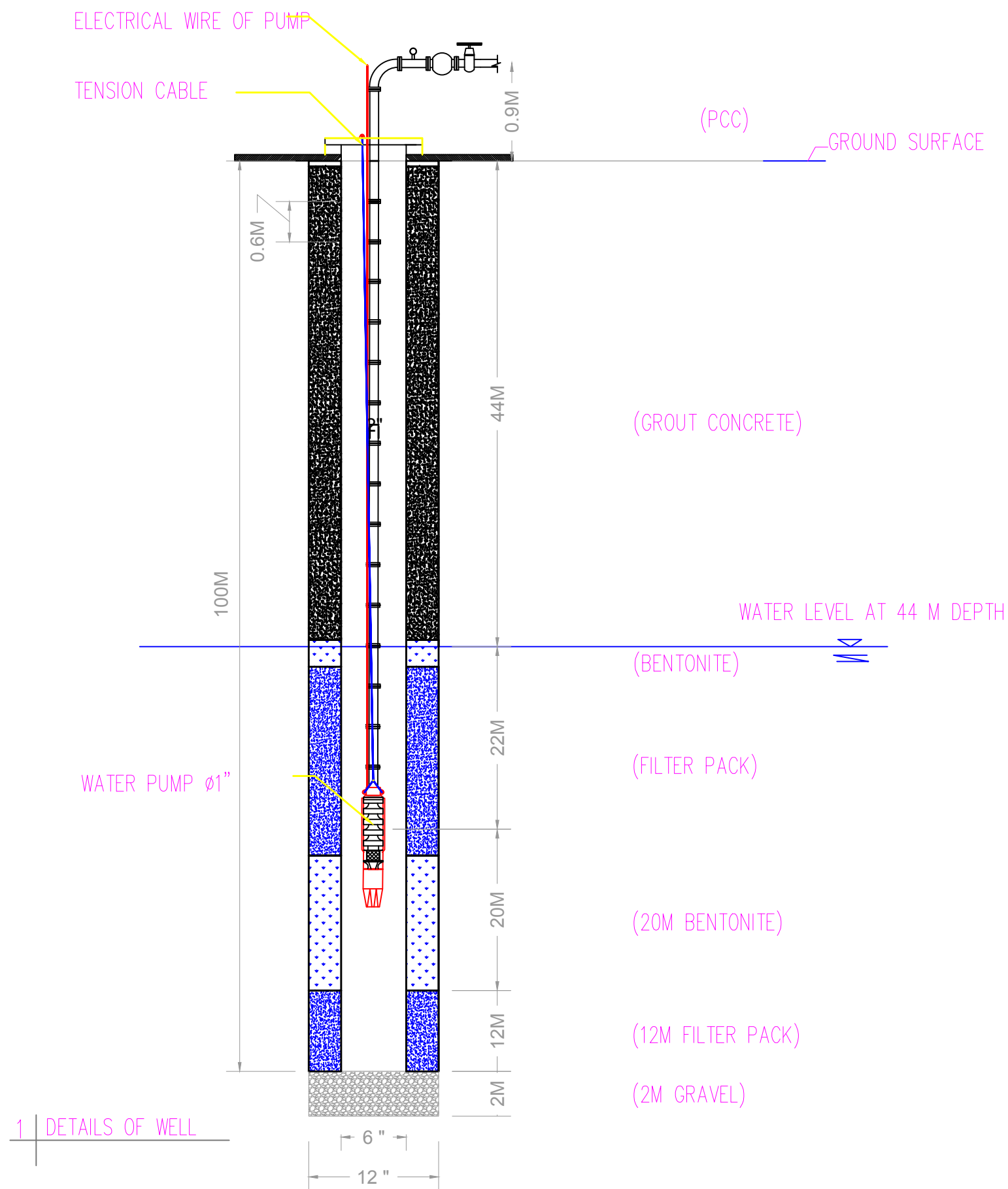
SCALE	NTS	DATE:	DEC.23.2020
DESIGNED BY:	ENG. MEHRAN ARIB	CHECKED BY:	ENG. MEHRAN ARIB
DRAWN BY:	ENG BESMULLAH FOR	APPROVED BY:	

DESIGN AGENCY :



EDESTA

PEDESTAL CONSTRUCTION COMPANY



LOGOS



KEY-PLAN

NOTES :

1- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

REVISIONS

DATE	DESCRIPTION	DRN	BY	CHK	BY APP	BY

CLIENT

HELP OFFICE - HERAT

DONOR

PATRIP FOUNDATION

PROJECT NAME/CODE NO

PREPARE DETAILED DESIGN DOCUMENTATION, WOMEN
TRADE CENTER,KOHSAN DISTRICT, ISLAM QALA TOWN
AFG 106-19/AFG-HELP-KOS-001-PROJECT

DRAWING TITLE

NORTH-EAST PERSPECTIVE

ISSUED FOR

REVISION

PROJECT ID	DRAWING NUMBER	PAGE NUMBER
	P-116	19

SCALE	NTS	DATE:	DEC.23.2020
DESIGNED BY:	ENG. MEHRAN ARIB	CHECKED BY:	ENG. MEHRAN ARIB
DRAWN BY:	ENG. BESMULLAH FOR	APPROVED BY:	

DESIGN AGENCY :



PEDESTAL CONSTRUCTION COMPANY