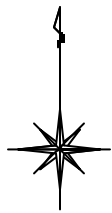


Existing Well

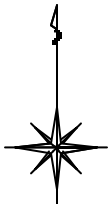


Existing Reservoir  
500m<sup>3</sup>

Legend	
	8" Proposed Distribution Pipe
	6" Proposed Distribution Pipe
	4" Proposed Distribution Pipe
	3" Proposed Distribution Pipe
	2" Proposed Distribution Pipe
	Gate Valve
	Existing Distribution Pipe
	Existing Transmission Pipe






0 100 200 300 400 500

Scale 1/3000



Booster Pump  
under construction by UNDP  
(to be completed by Dec.99')

Refer to WBP - WL - 23  
Existing Reservoir  
200m

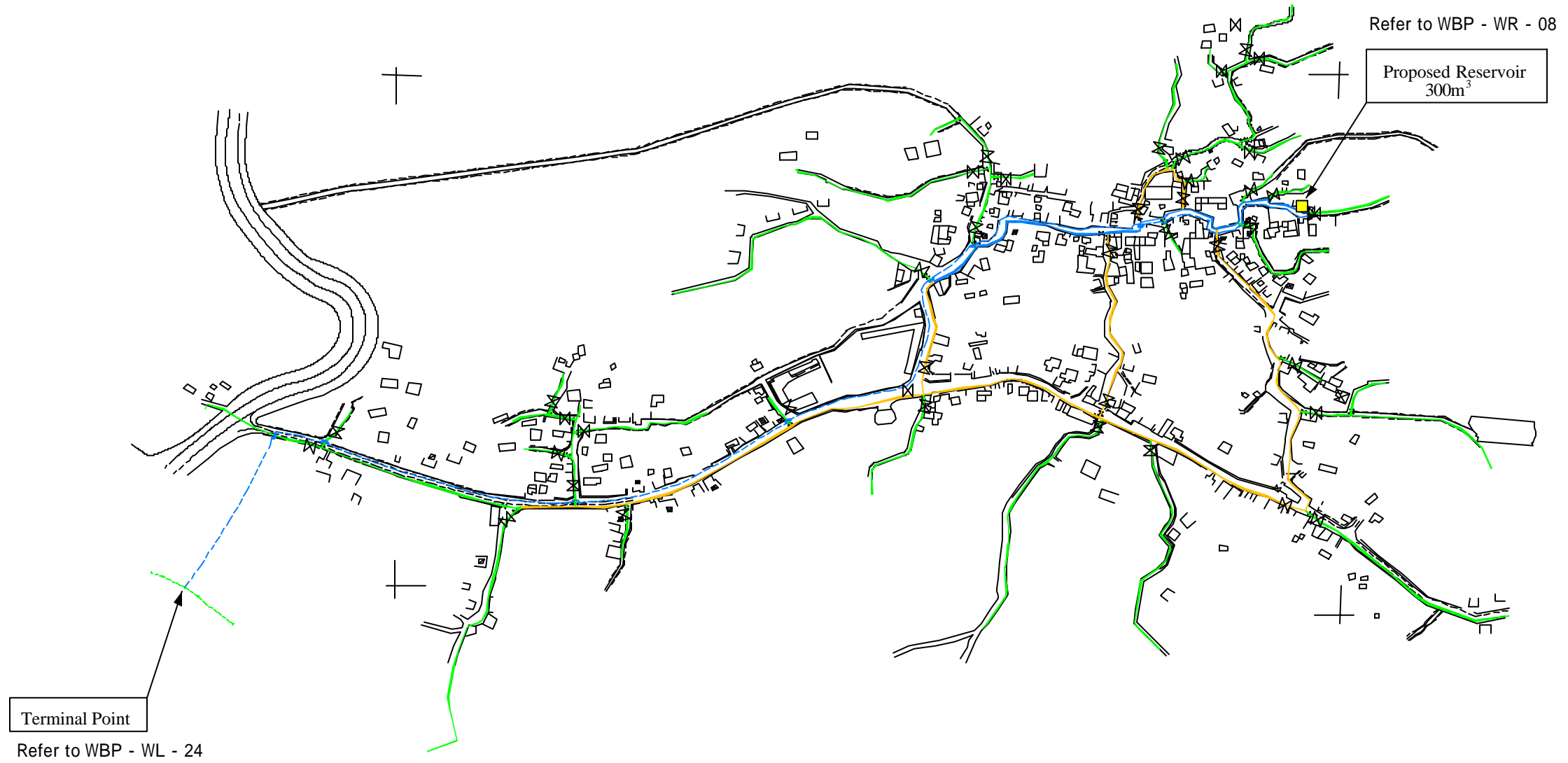
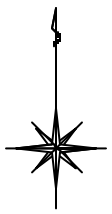
Legend	
	4" Proposed Distribution Pipe
	3" Proposed Distribution Pipe
	2" Proposed Distribution Pipe
	Gate Valve
	6" Proposed Transmission Pipe









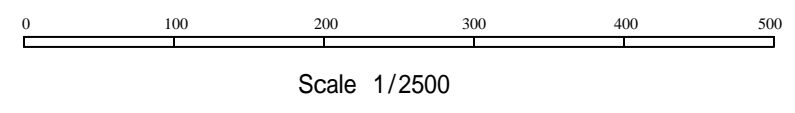
Scale 1/2500

WBP-WL-11

Facility Plan-Atiya Village



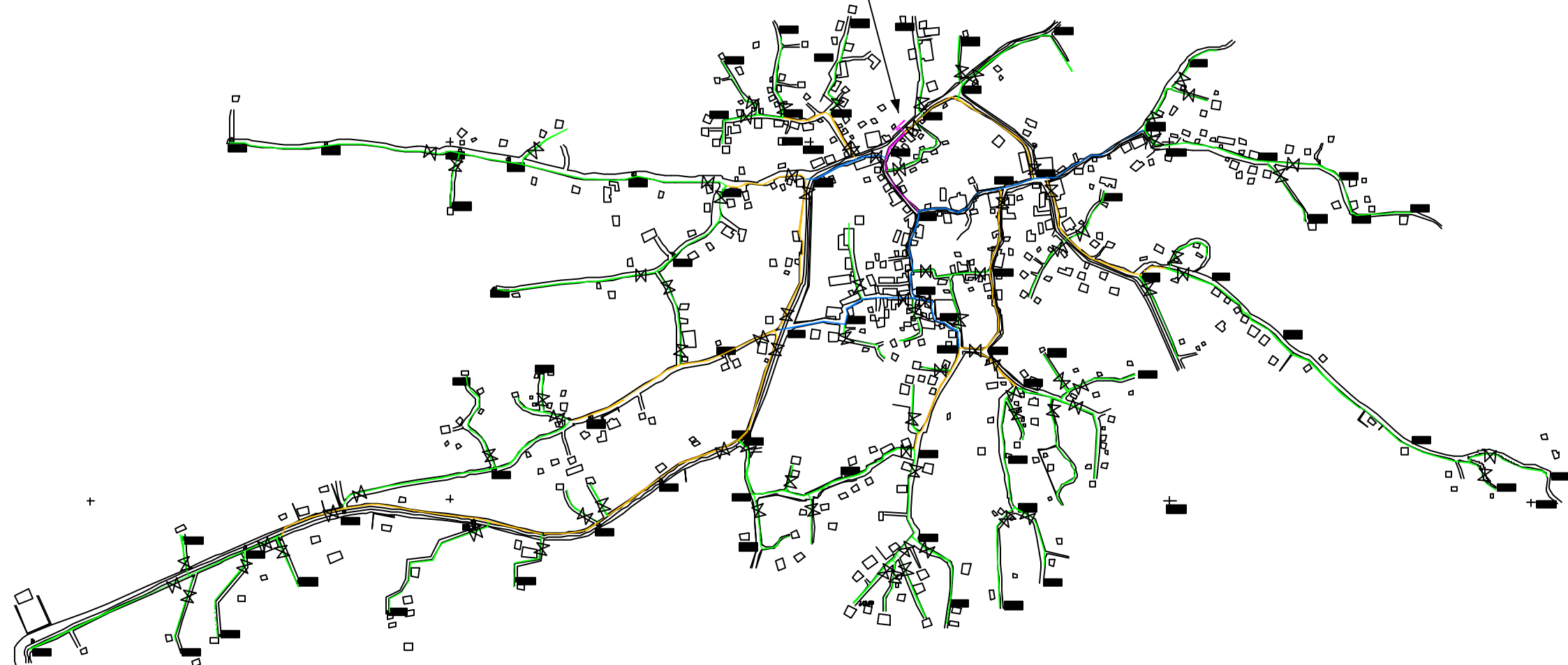
Legend	
	4" Proposed Distribution Pipe
	3" Proposed Distribution Pipe
	2" Proposed Distribution Pipe
	Gate Valve
	4" Proposed Transmission Pipe
	2" Existing Transmission Pipe








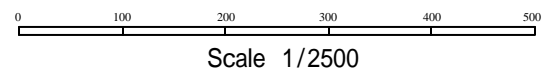


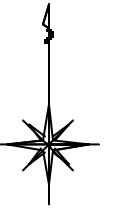
Refer to WBP - WL - 25





Terminal Point

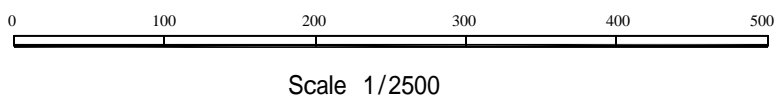


Legend	
	6" Proposed Distribution Pipe
	4" Proposed Distribution Pipe
	3" Proposed Distribution Pipe
	2" Proposed Distribution Pipe
	Gate Valve

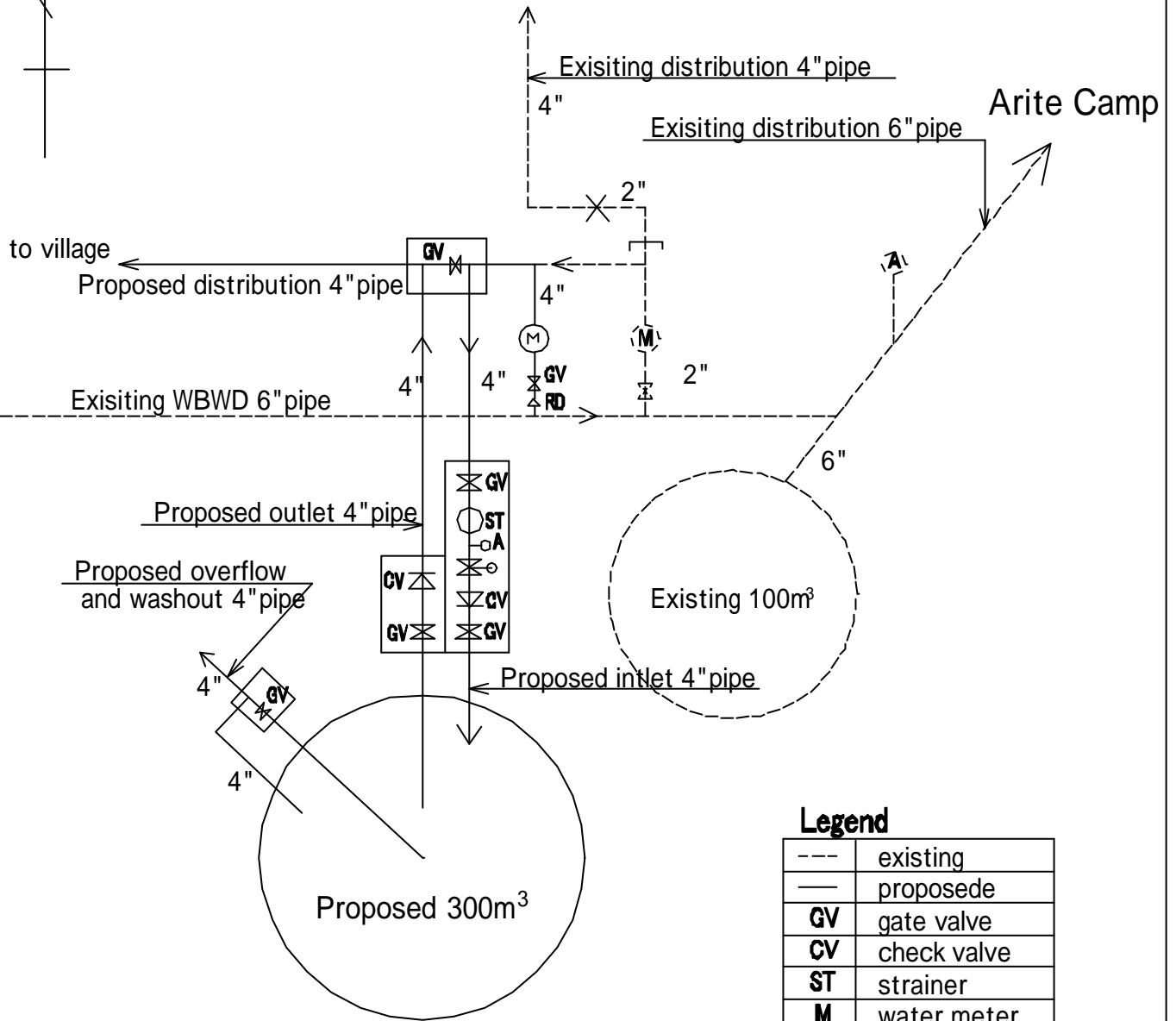
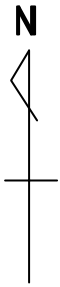




Legend	
	4" Proposed Distribution Pipe
	3" Proposed Distribution Pipe
	2" Proposed Distribution Pipe
	Gate Valve



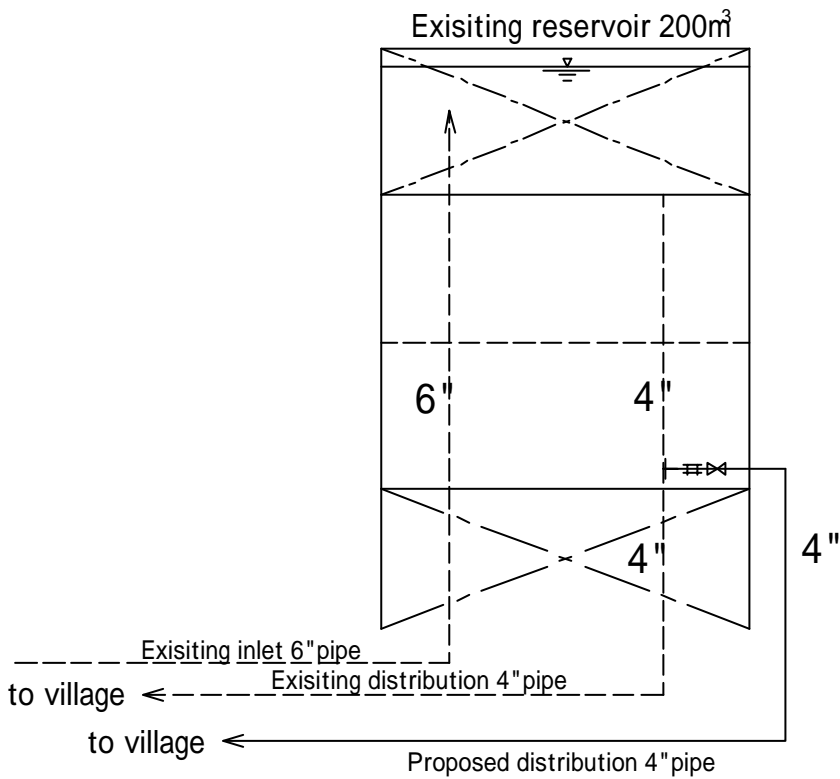
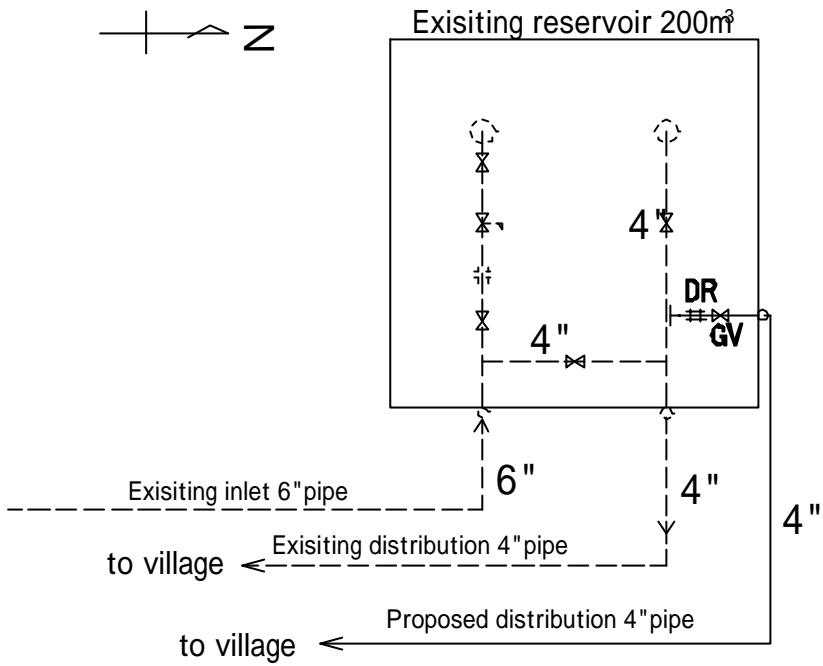
WBP-WL-14 Facility Plan-Khalbatha Village



**Legend**

---	existing
—	proposed
<b>GV</b>	gate valve
<b>CV</b>	check valve
<b>ST</b>	strainer
<b>M</b>	water meter
<b>A</b>	air valve
<b>RD</b>	reducer
<b>FV</b>	float valve
<b>DR</b>	dresser

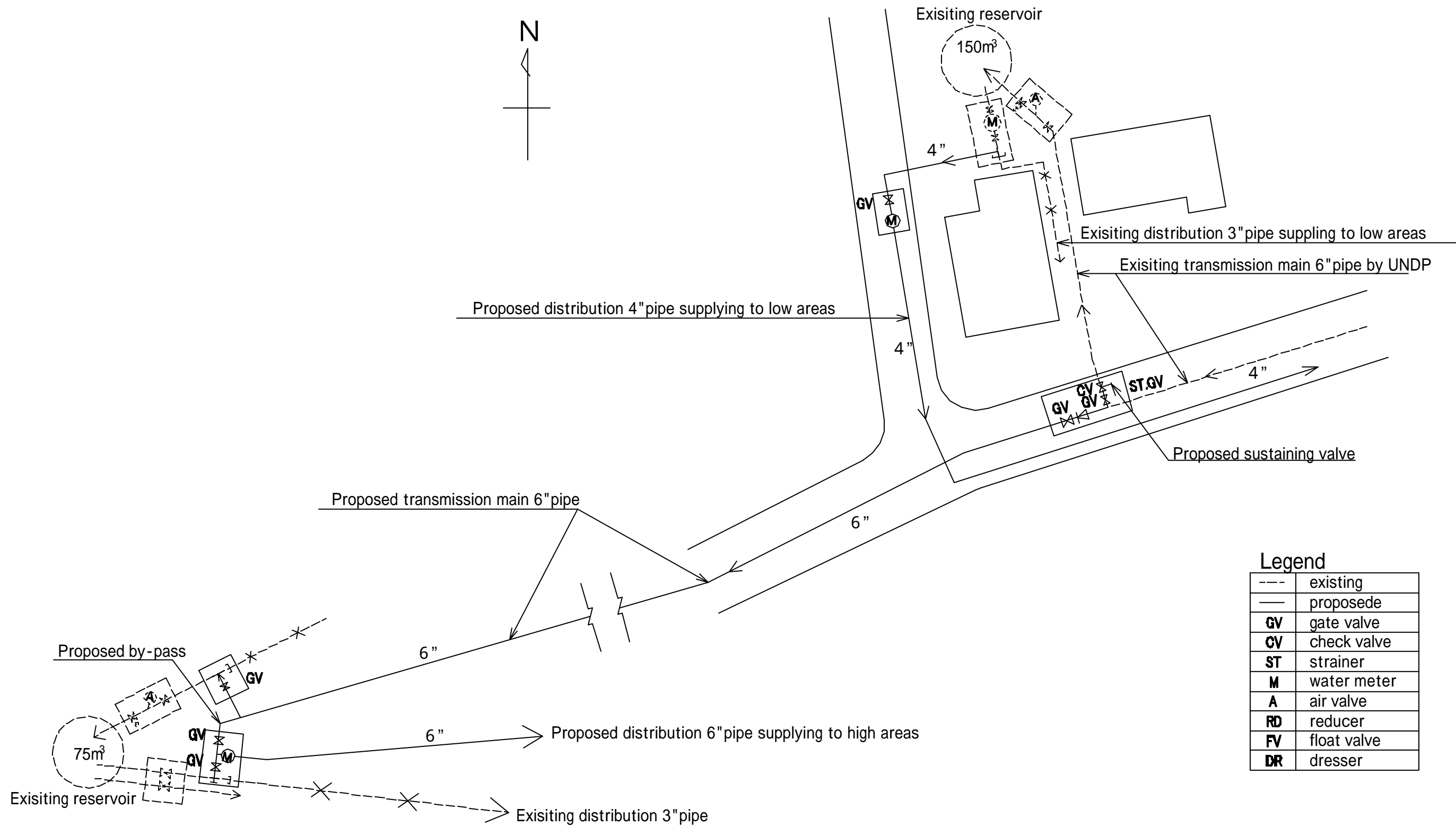
**WBP-WL-15 Terminal Points with the Existing Facilities—Aqqaba**



### Legend

---	existing
—	proposede
<b>GV</b>	gate valve
<b>CV</b>	check valve
<b>ST</b>	strainer
<b>M</b>	water meter
<b>A</b>	air valve
<b>RD</b>	reducer
<b>FV</b>	float valve
<b>DR</b>	dresser

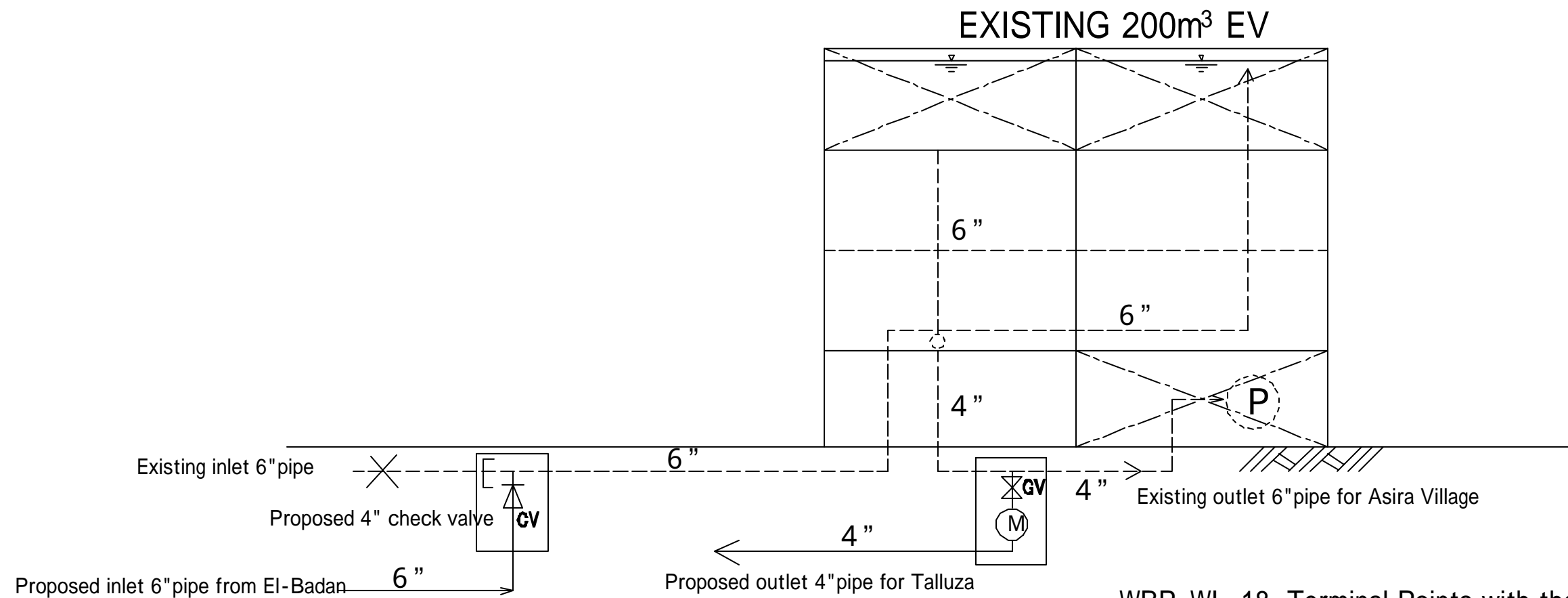
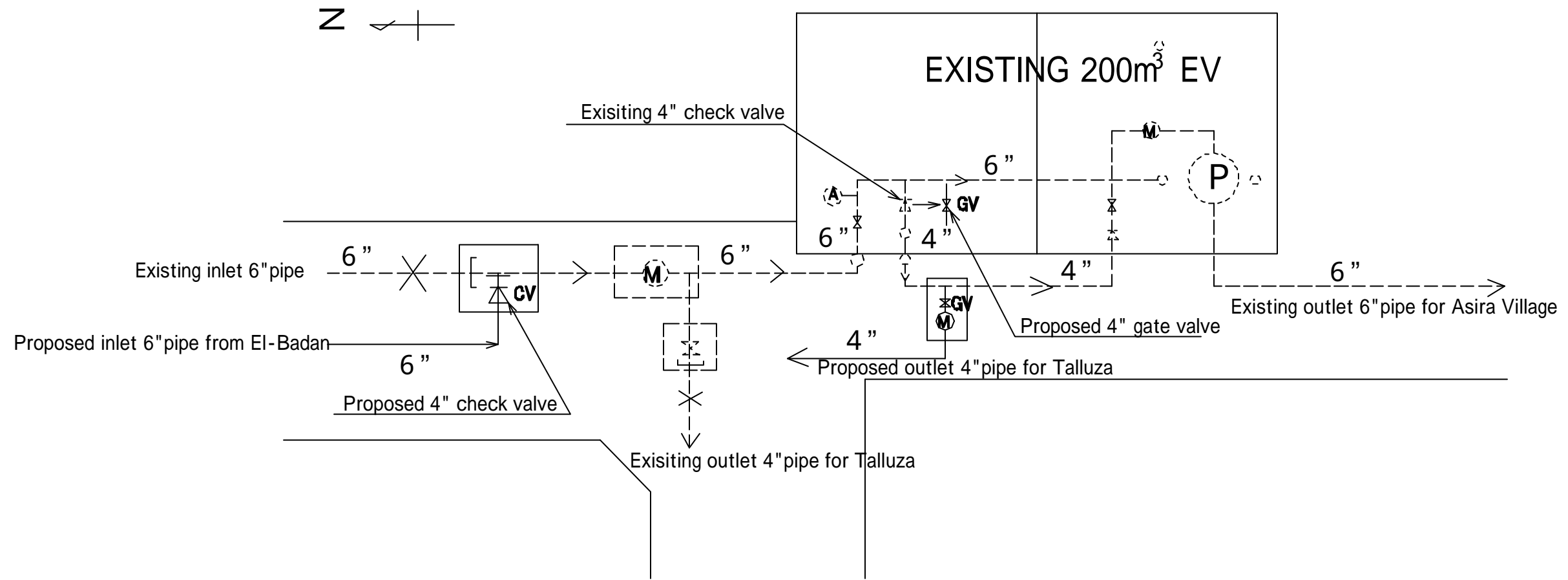
WBP-WL-16 Terminal Points with the Existing Facilities - Bala'a



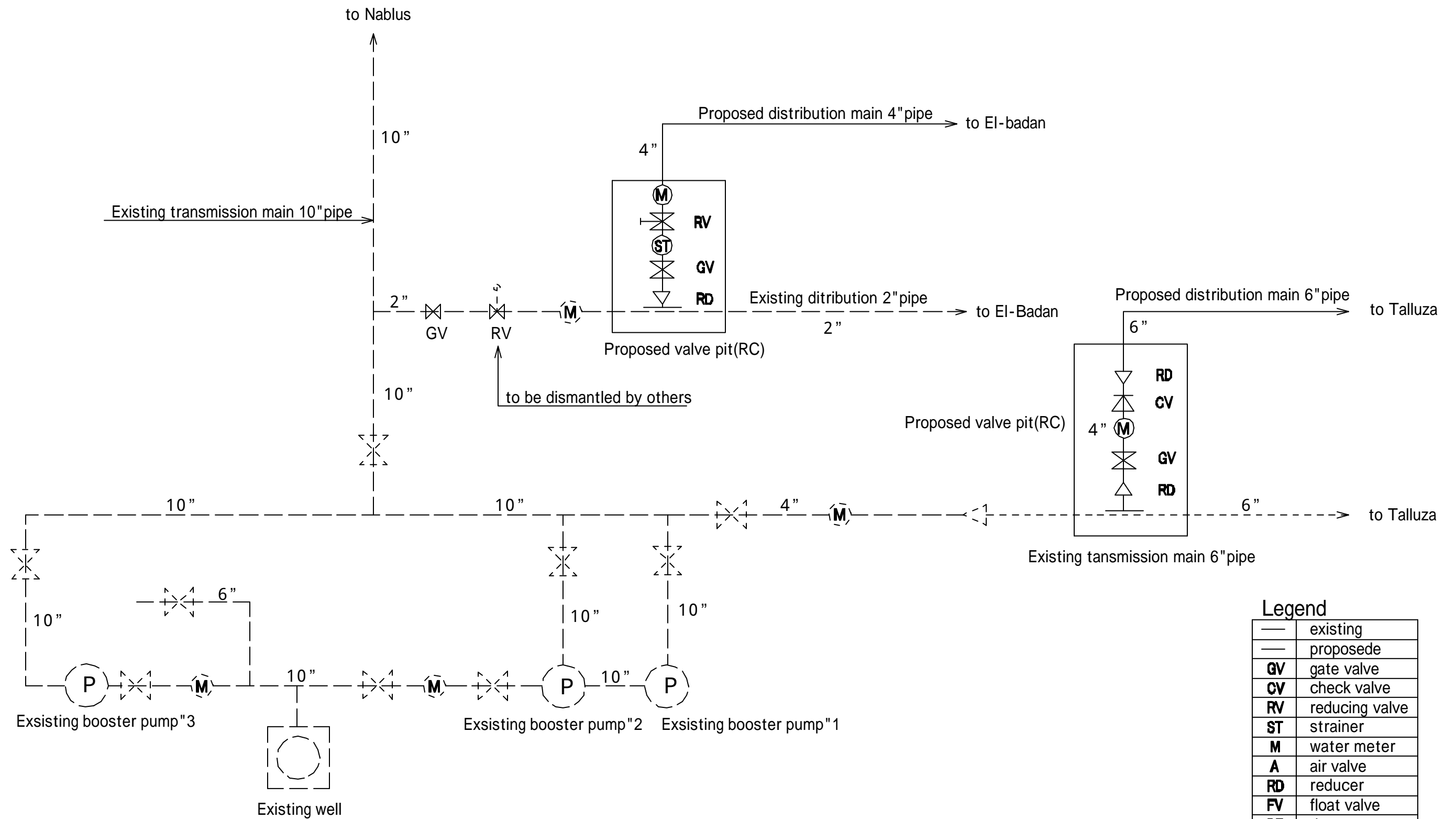
**Legend**

---	existing
—	proposede
<b>GV</b>	gate valve
<b>CV</b>	check valve
<b>ST</b>	strainer
<b>M</b>	water meter
<b>A</b>	air valve
<b>RD</b>	reducer
<b>FV</b>	float valve
<b>DR</b>	dresser





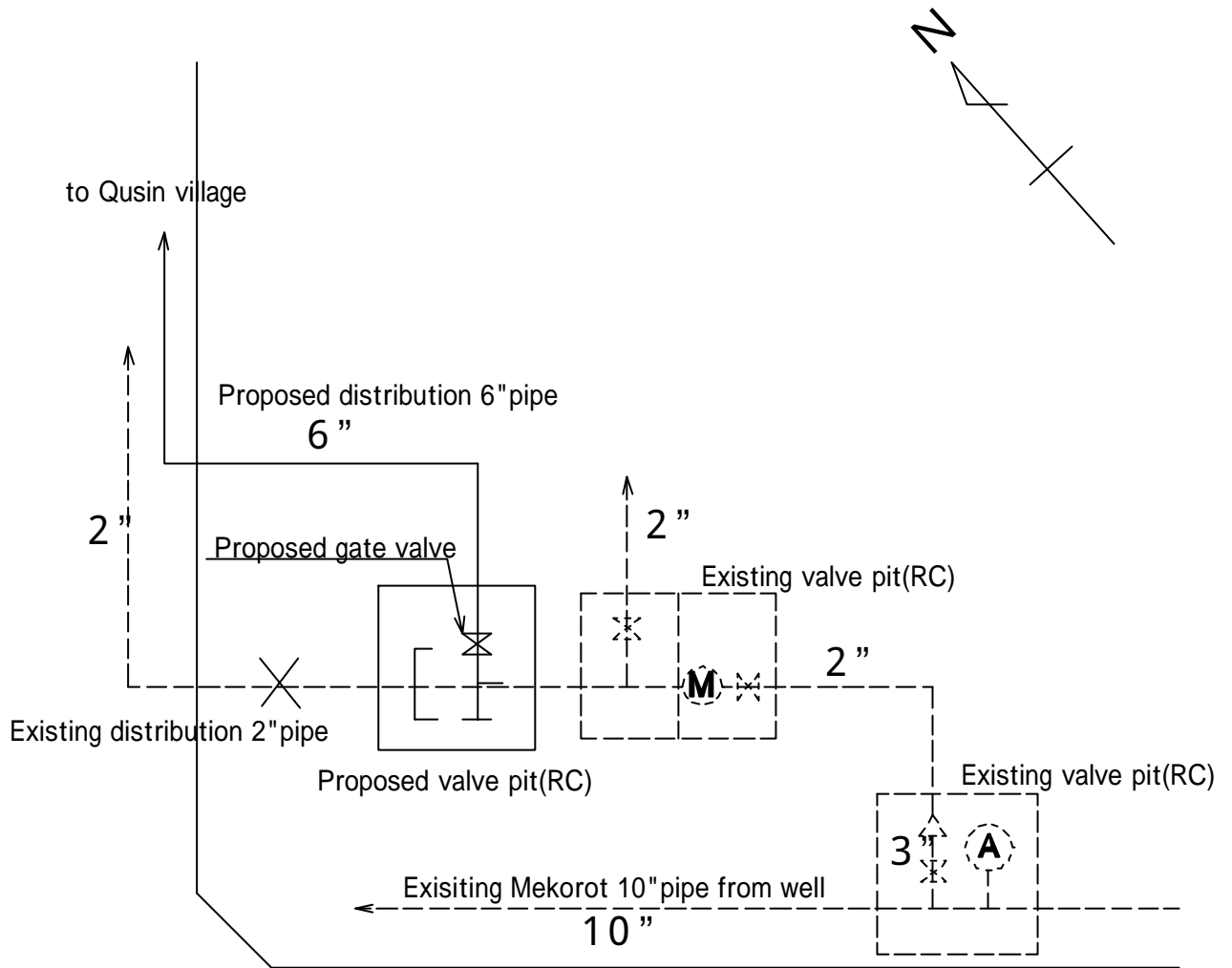
WBP-WL-18 Terminal Points with the Existing Facilities - Talluza



**Legend**

---	existing
—	proposede
GV	gate valve
CV	check valve
RV	reducing valve
ST	strainer
M	water meter
A	air valve
RD	reducer
FV	float valve
DR	dresser

WBP-WL-19 Terminal Points with the Existing Facilities - EL Badan

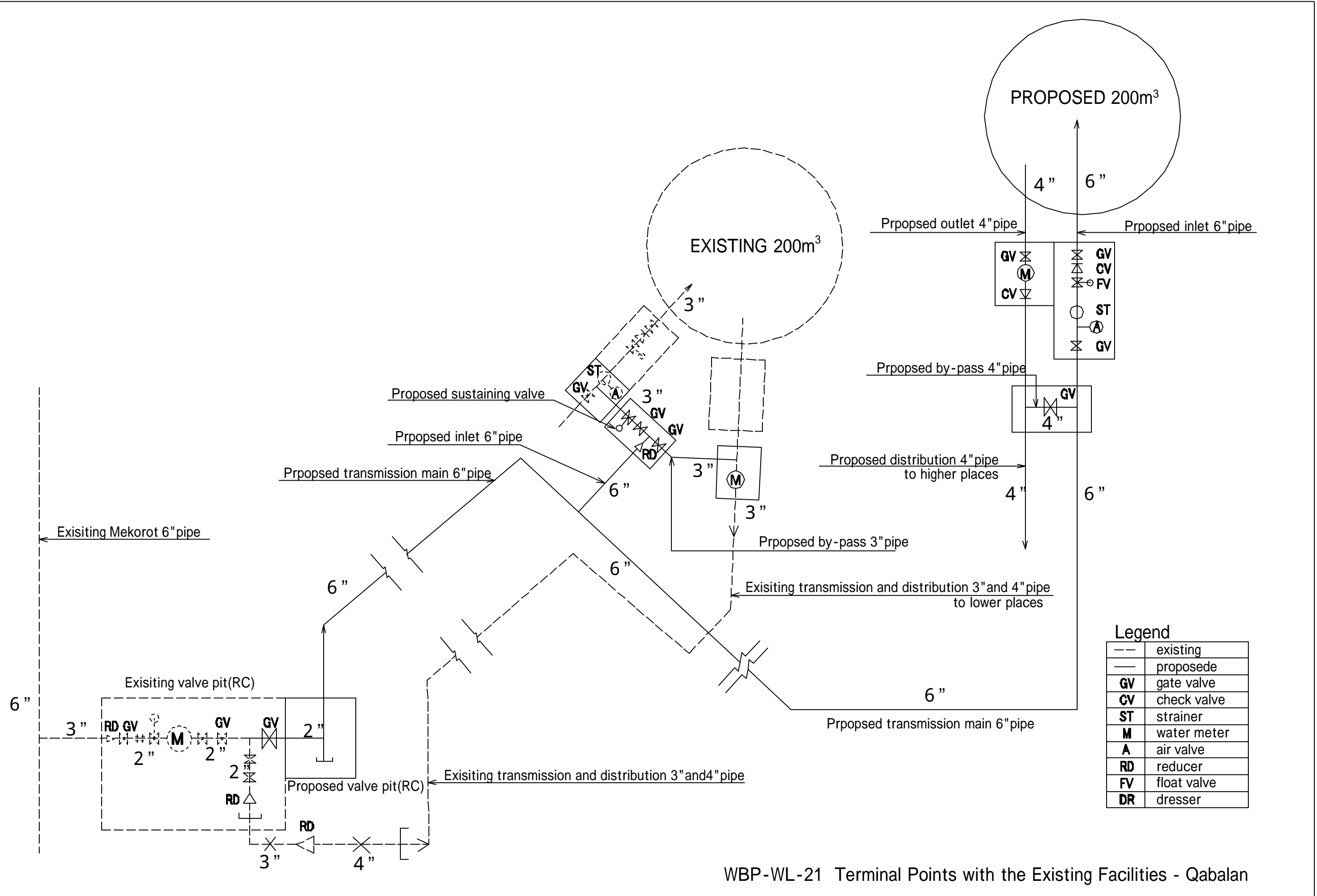


Existing road

### Legend

--	existing
—	proposede
<b>GV</b>	gate valve
<b>CV</b>	check valve
<b>ST</b>	strainer
<b>M</b>	water meter
<b>A</b>	air valve
<b>RD</b>	reducer
<b>FV</b>	float valve
<b>DR</b>	dresser

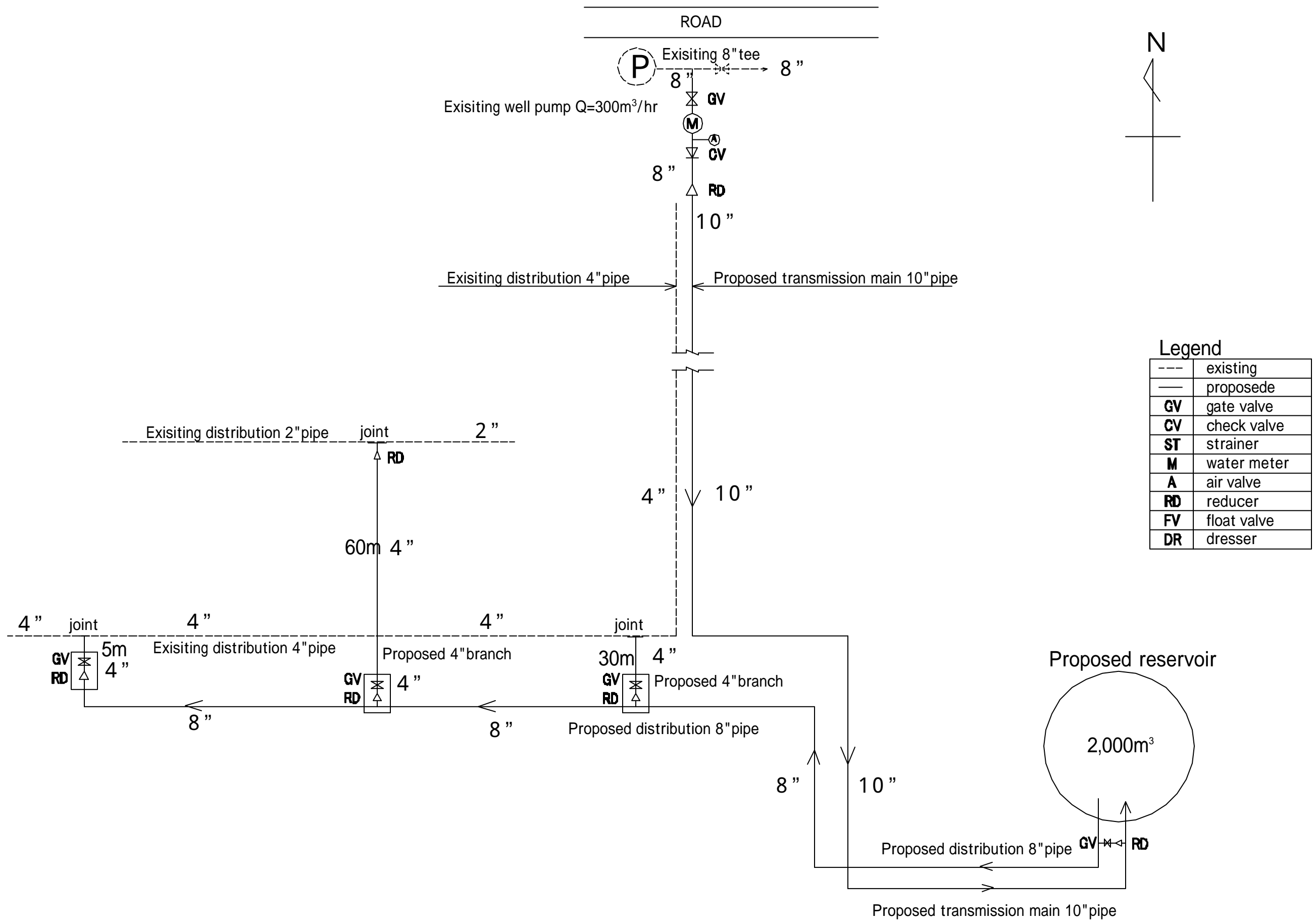
WBP-WL-20 Terminal Points with the Existing Facilities - Qusin



**Legend**

---	existing
—	proposed
<b>GV</b>	gate valve
<b>CV</b>	check valve
<b>ST</b>	strainer
<b>M</b>	water meter
<b>A</b>	air valve
<b>RD</b>	reducer
<b>FV</b>	float valve
<b>DR</b>	dresser

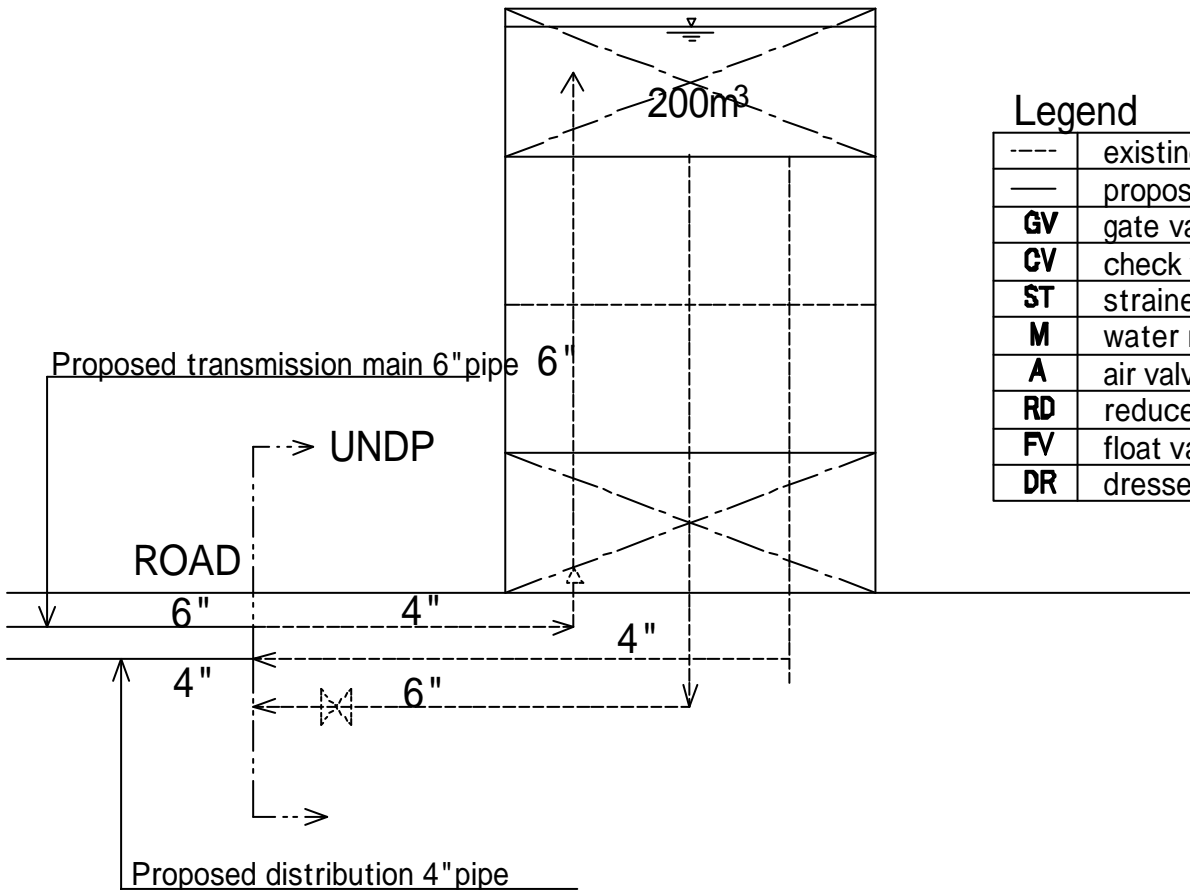
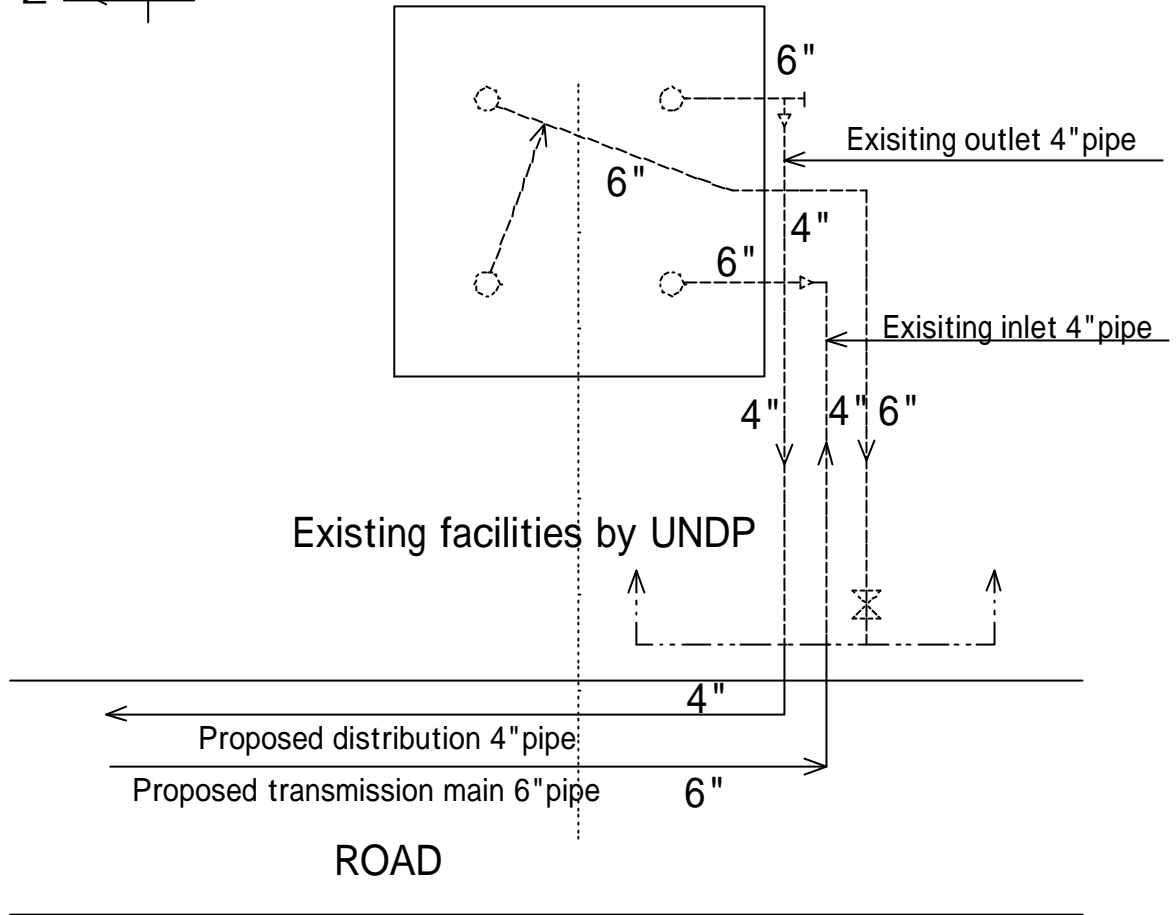
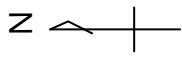
WBP-WL-21 Terminal Points with the Existing Facilities - Qabalan



**Legend**

---	existing
—	proposed
<b>GV</b>	gate valve
<b>CV</b>	check valve
<b>ST</b>	strainer
<b>M</b>	water meter
<b>A</b>	air valve
<b>RD</b>	reducer
<b>FV</b>	float valve
<b>DR</b>	dresser

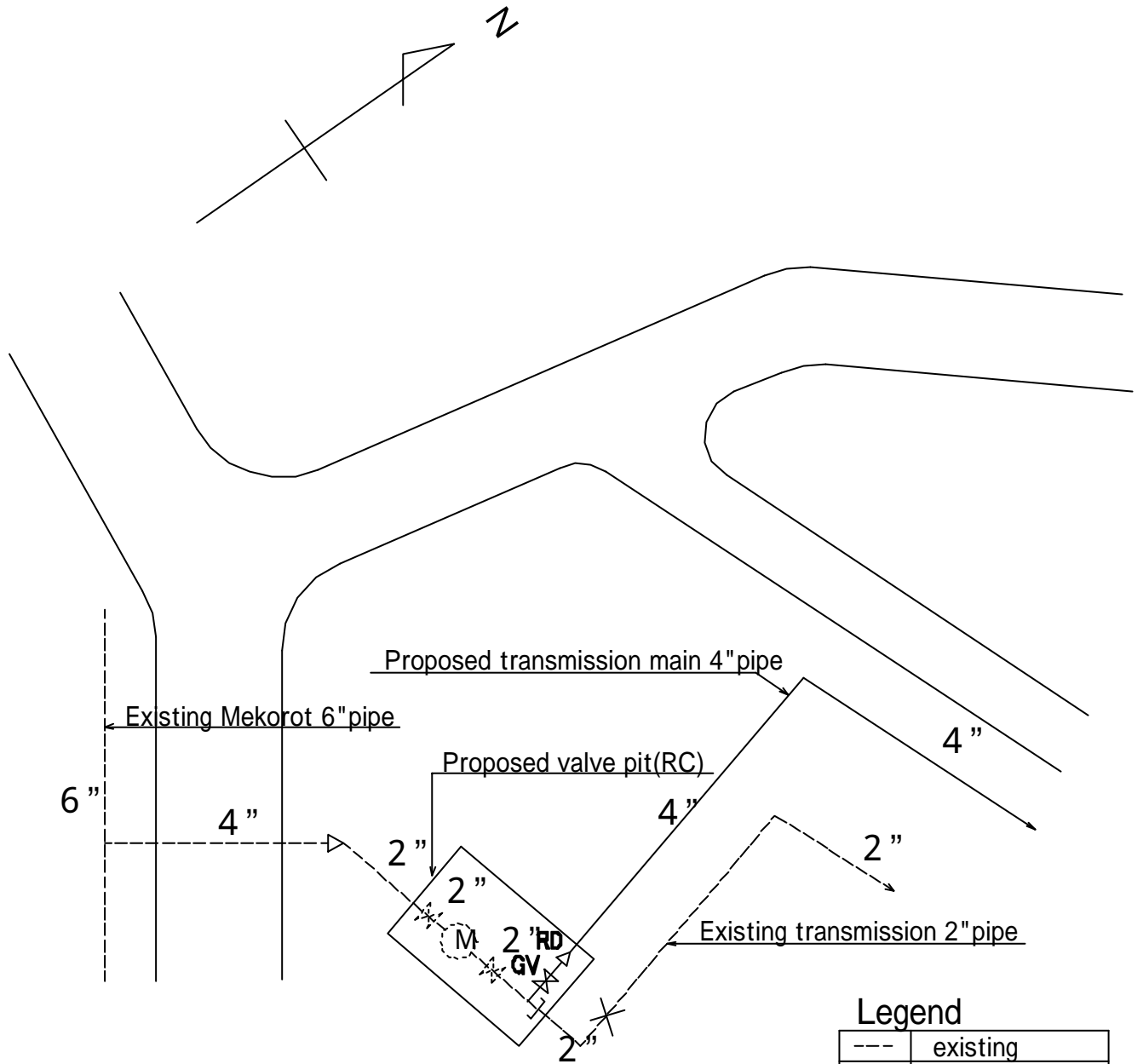
WBP-WL-22 Terminal Points with the Existing Facilities - Qalqilia



**Legend**

----	existing
—	proposed
<b>GV</b>	gate valve
<b>CV</b>	check valve
<b>ST</b>	strainer
<b>M</b>	water meter
<b>A</b>	air valve
<b>RD</b>	reducer
<b>FV</b>	float valve
<b>DR</b>	dresser

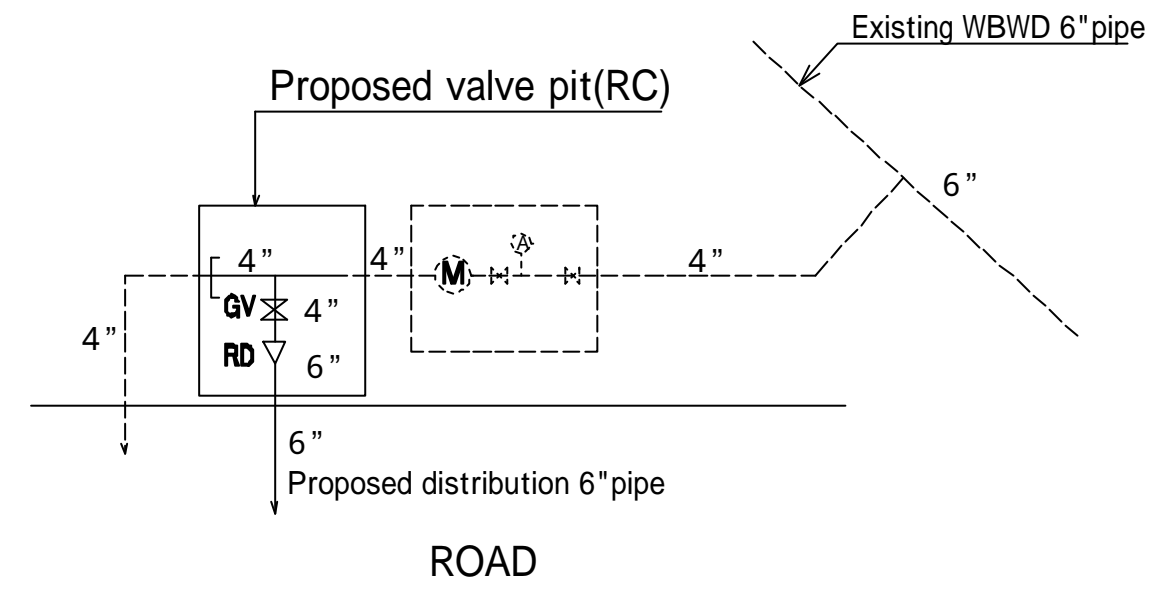
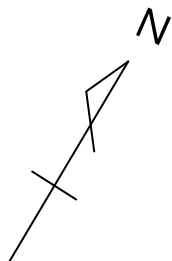
WBP-WL-23 Terminal Points with the Existing Facilities - Ras Atiya



**Legend**

---	existing
—	proposede
<b>GV</b>	gate valve
<b>CV</b>	check valve
<b>ST</b>	strainer
<b>M</b>	water meter
<b>A</b>	air valve
<b>RD</b>	reducer
<b>FV</b>	float valve
<b>DR</b>	dresser

WBP-WL-24 Terminal Points with the Existing Facilities - Haris

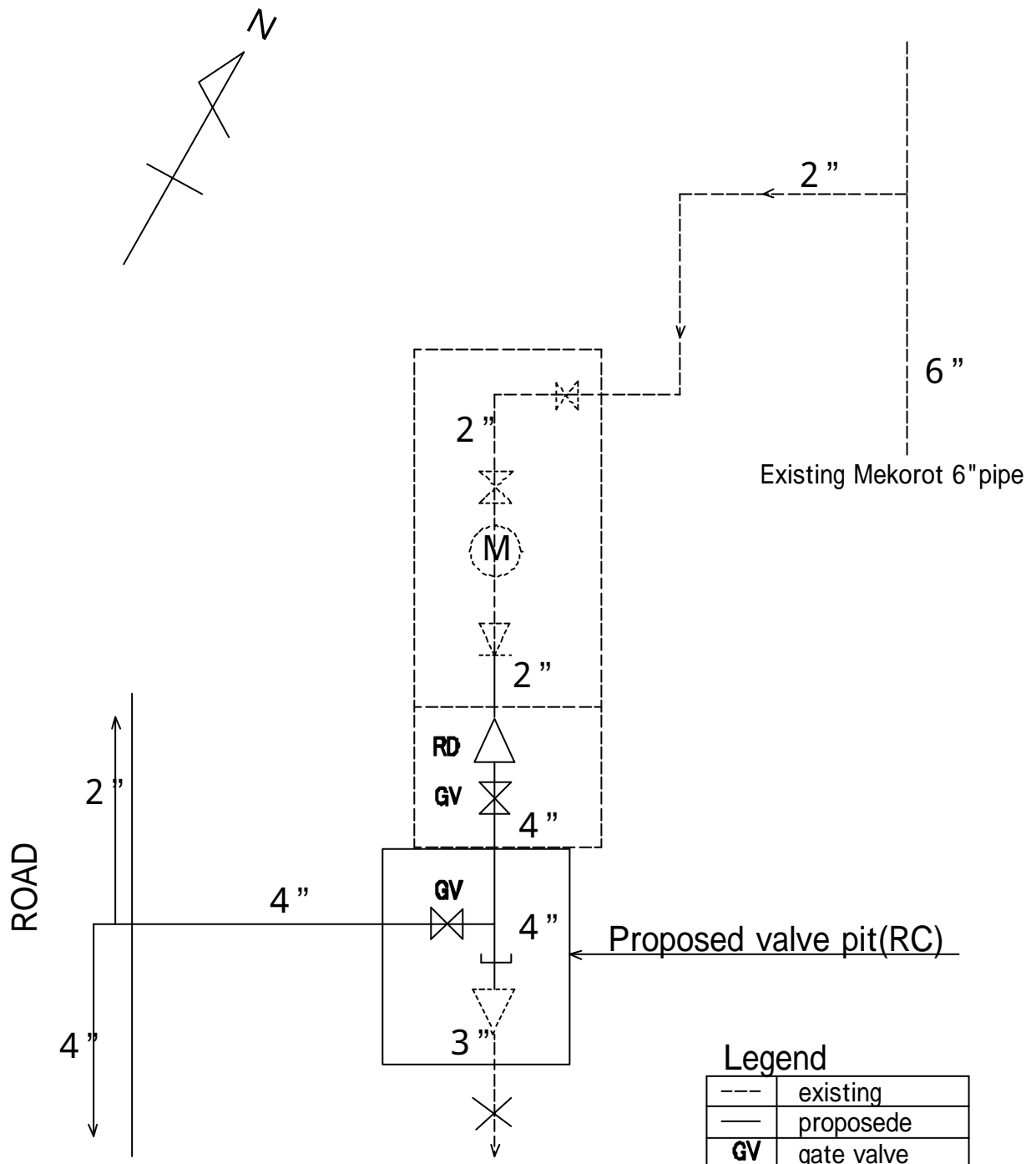


**Legend**

---	existing
—	proposed
<b>GV</b>	gate valve
<b>CV</b>	check valve
<b>ST</b>	strainer
<b>M</b>	water meter
<b>A</b>	air valve
<b>RD</b>	reducer
<b>FV</b>	float valve
<b>DR</b>	dresser

WBP-WL-25 Terminal Points with the Existing Facilities - Qibia



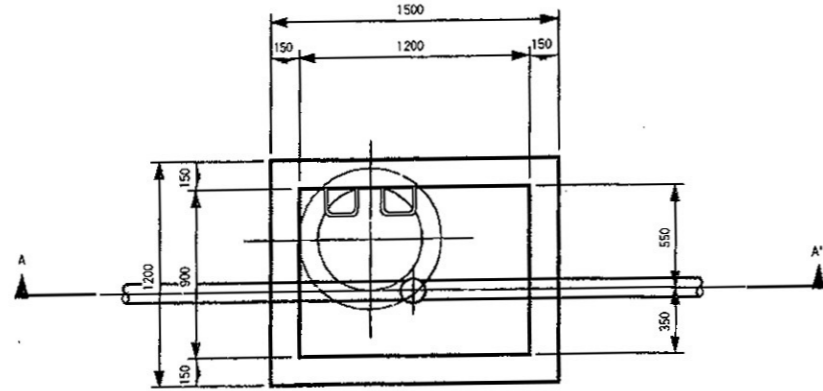


**Legend**

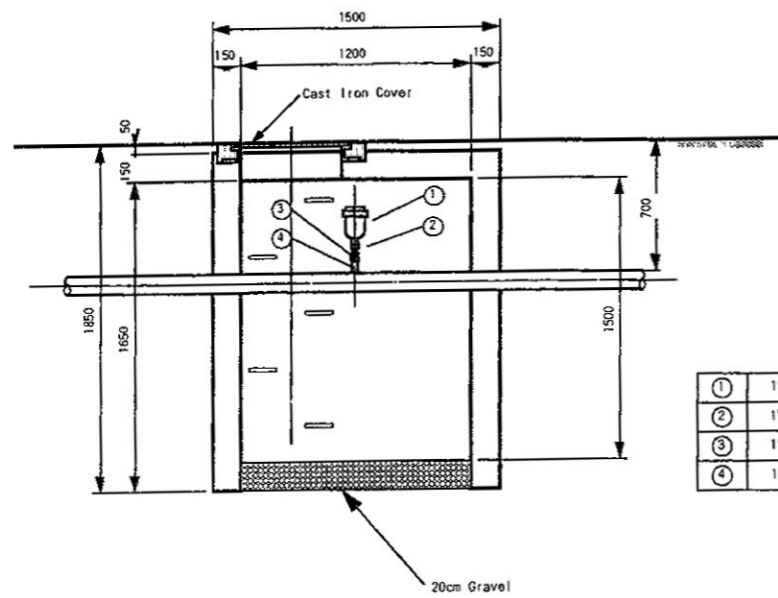
---	existing
—	proposede
<b>GV</b>	gate valve
<b>CV</b>	check valve
<b>ST</b>	strainer
<b>M</b>	water meter
<b>A</b>	air valve
<b>RD</b>	reducer
<b>FV</b>	float valve
<b>DR</b>	dresser

WBP-WL-26 Terminal Points with the Existing Facilities - Kharbatha

R.C Manhole For Air Valve

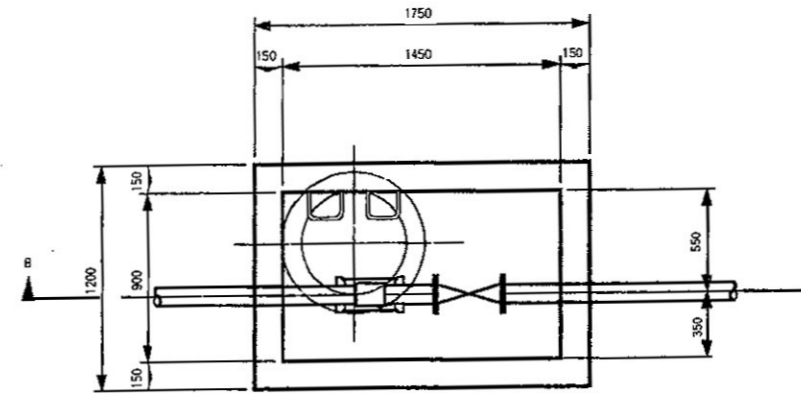


SECTION A - A'

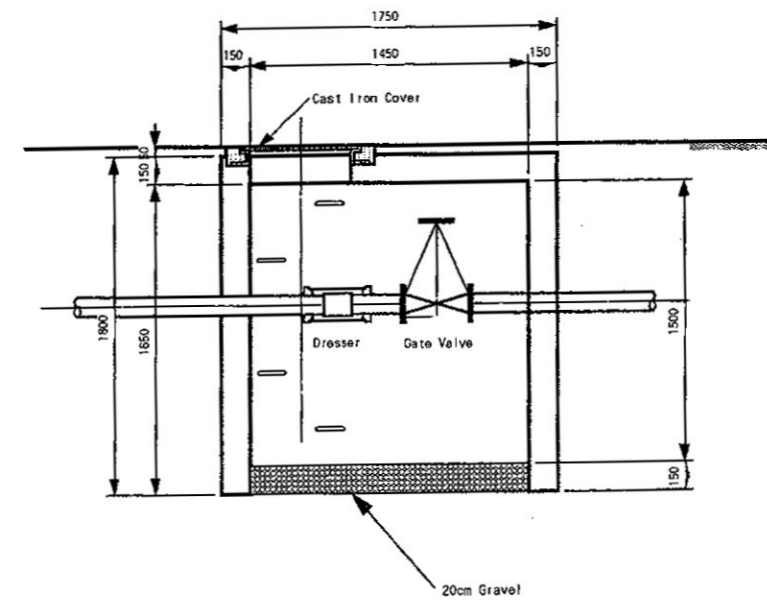


- |   |               |
|---|---------------|
| ① | 1" Air Valve  |
| ② | 1" Gate Valve |
| ③ | 1" Nipple     |
| ④ | 1" Coupling   |

R.C Manhole For Gate Valve

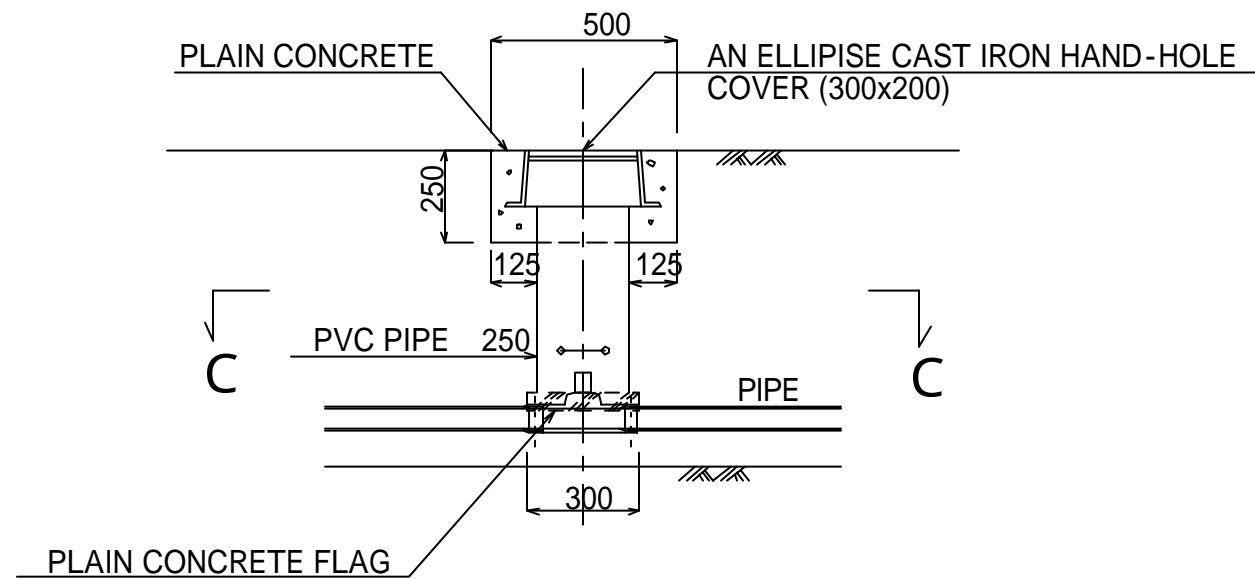


SECTION B - B'

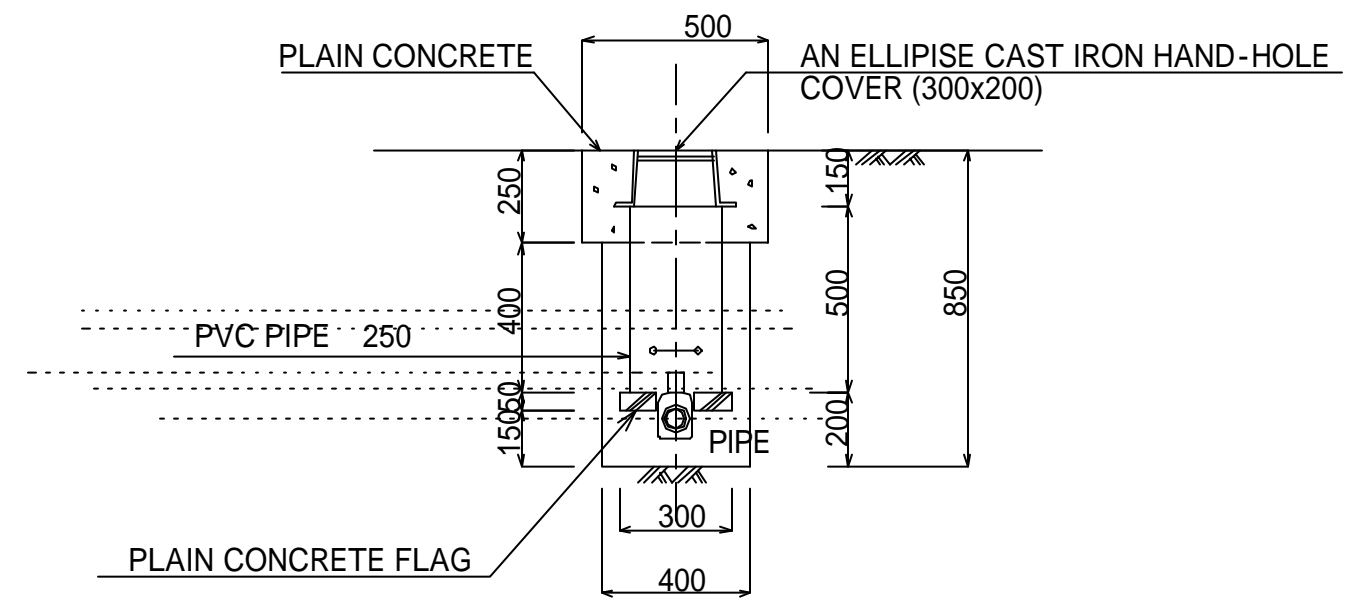


# VALVE PIT FOR 50mm GATE VALVE SCALE 1:20

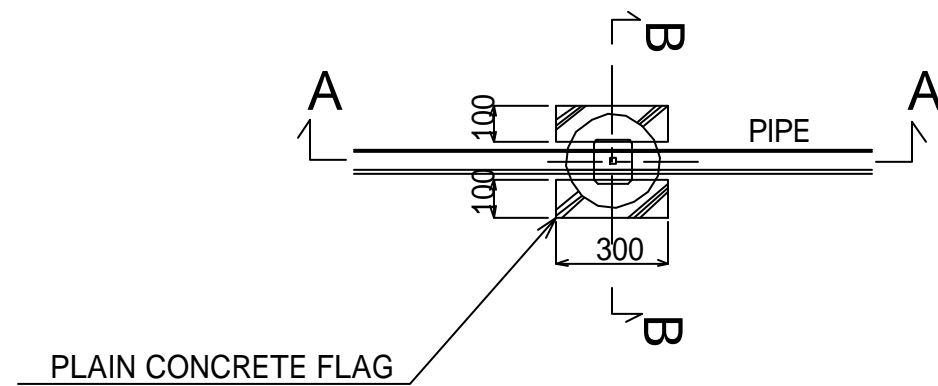
## SECTION A-A



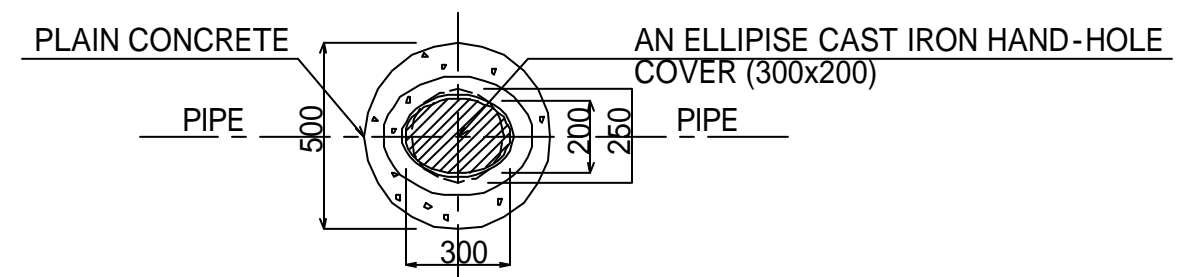
## SECTION B-B



## SECTION C-C

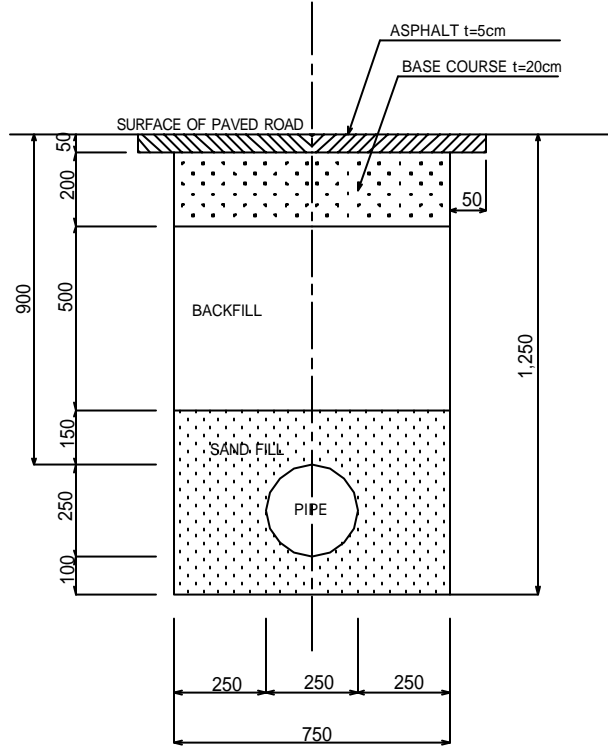


## PLAN

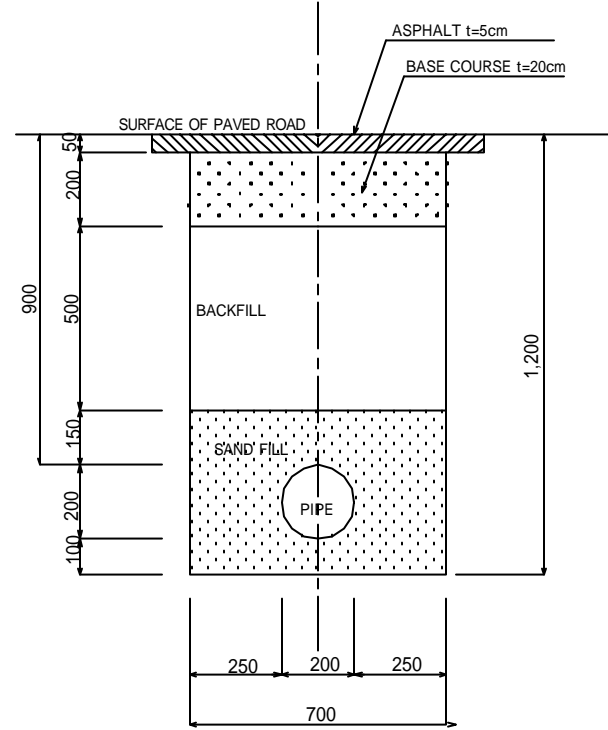


WBP-WL-28 50mm Valve Box

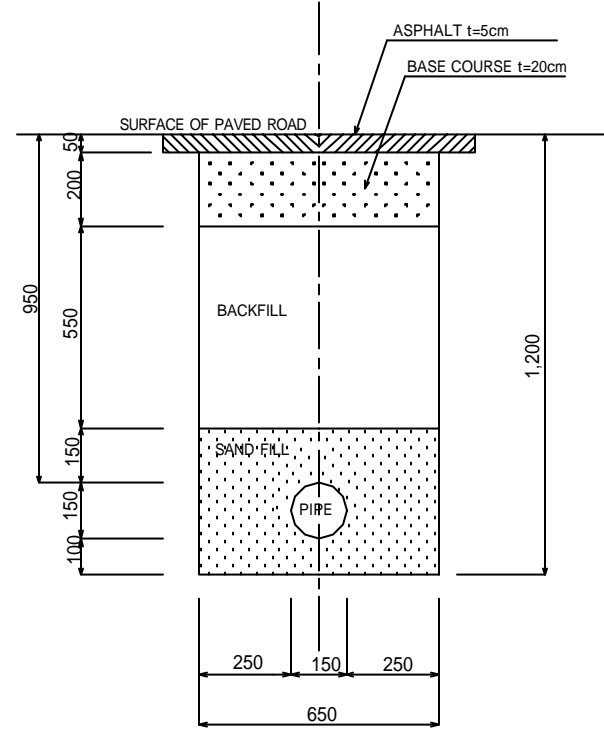
PIPE DIAMETER 250(10")



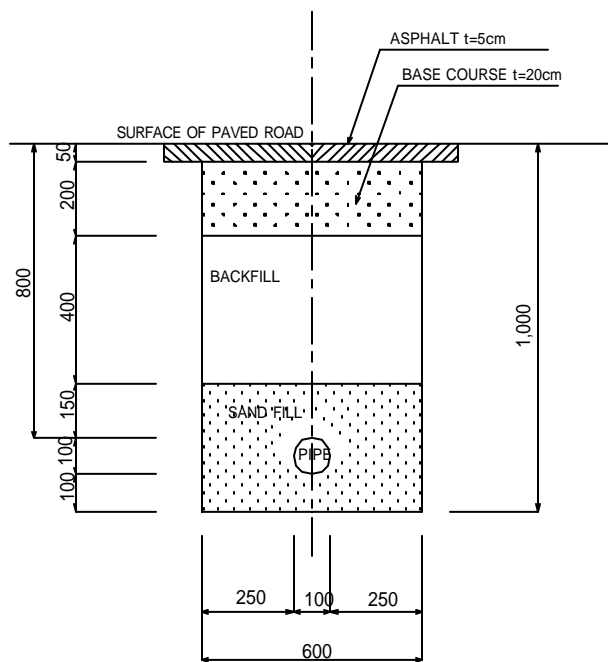
PIPE DIAMETER 200(8")



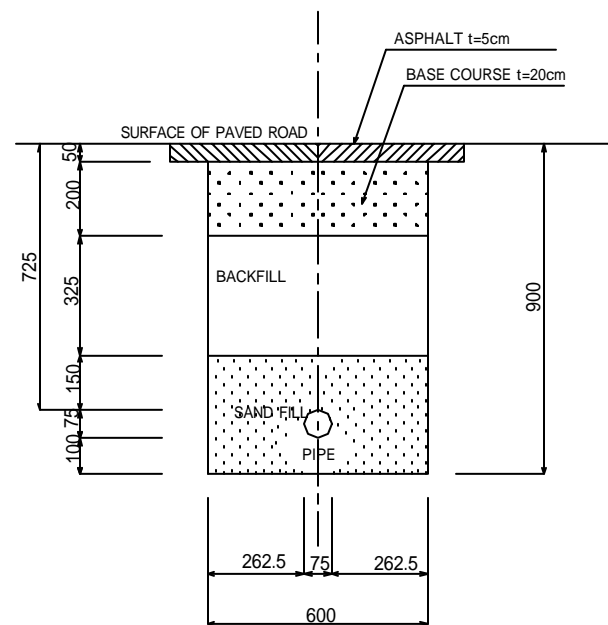
PIPE DIAMETER 150(6")



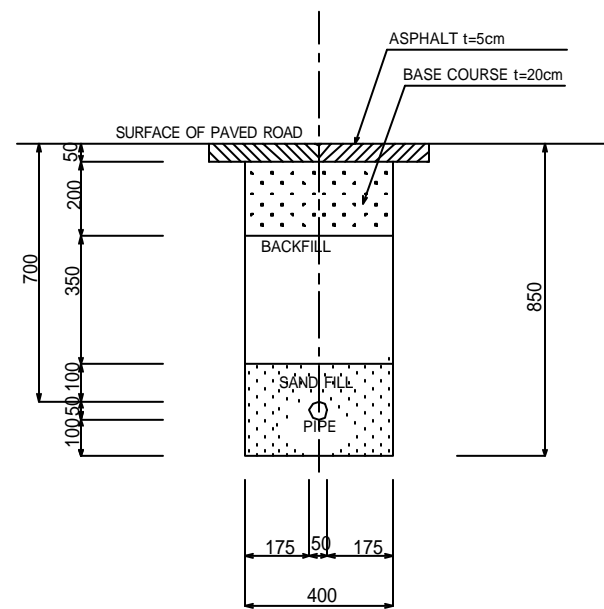
PIPE DIAMETER 100(4")



PIPE DIAMETER 75(3")

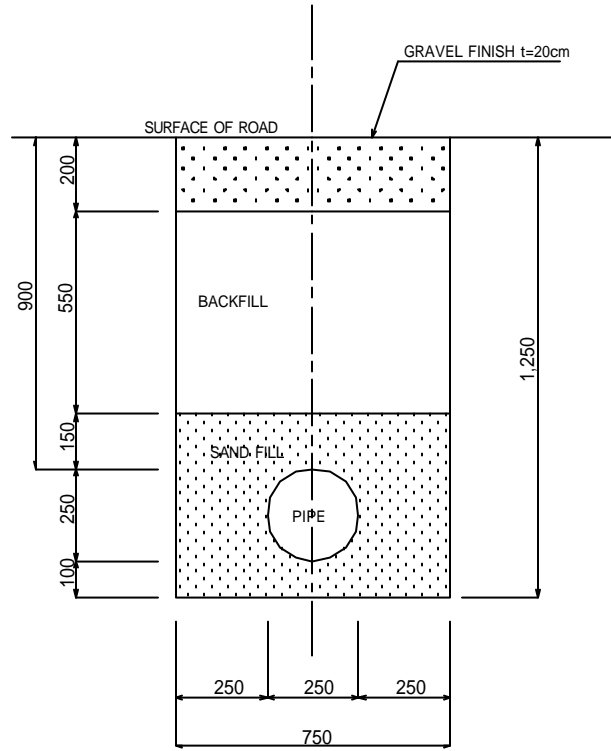


PIPE DIAMETER 50(2")

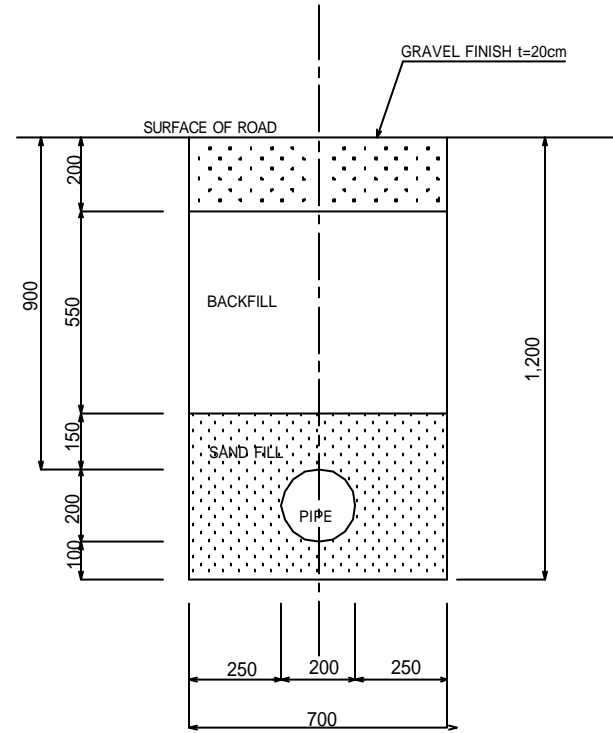


WBP-WL-29 Standard Sectional Drawing for Pipe Installation (1/2)

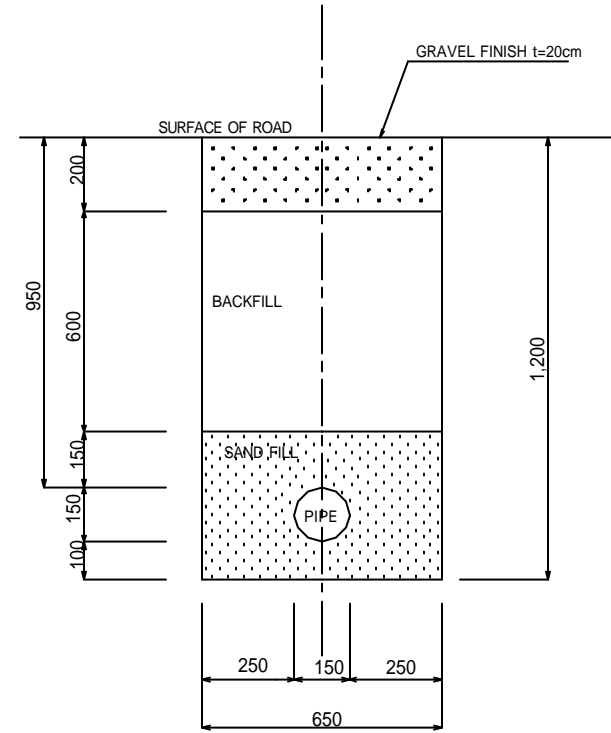
PIPE DIAMETER 250(10")



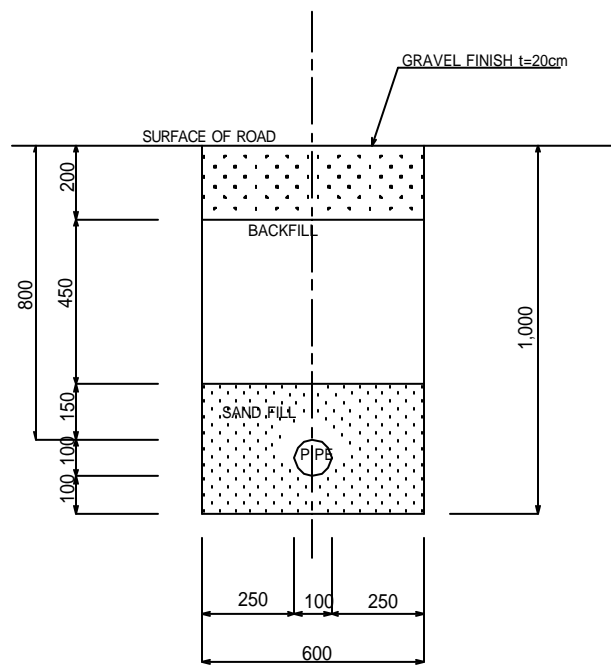
PIPE DIAMETER 200(8")



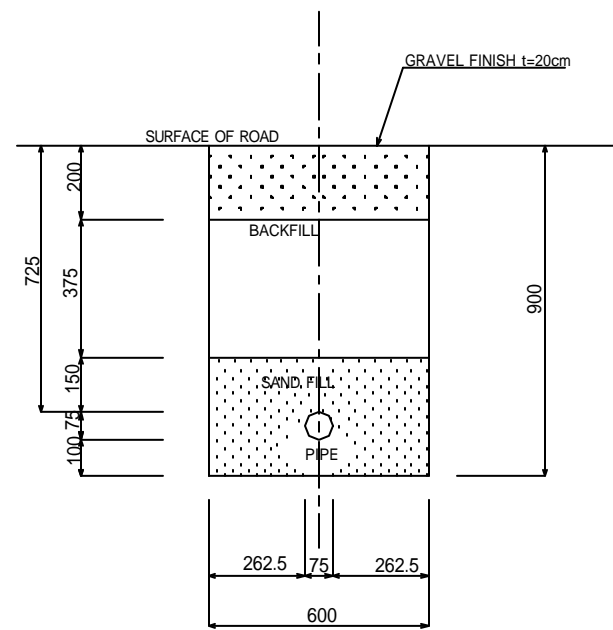
PIPE DIAMETER 150(6")



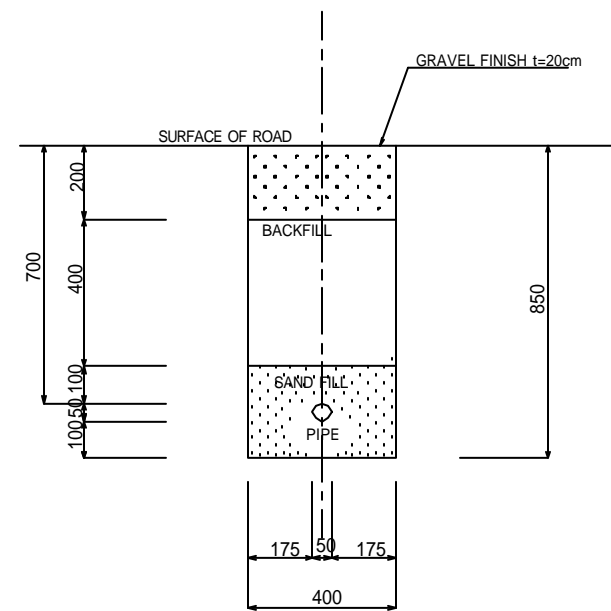
PIPE DIAMETER 100(4")



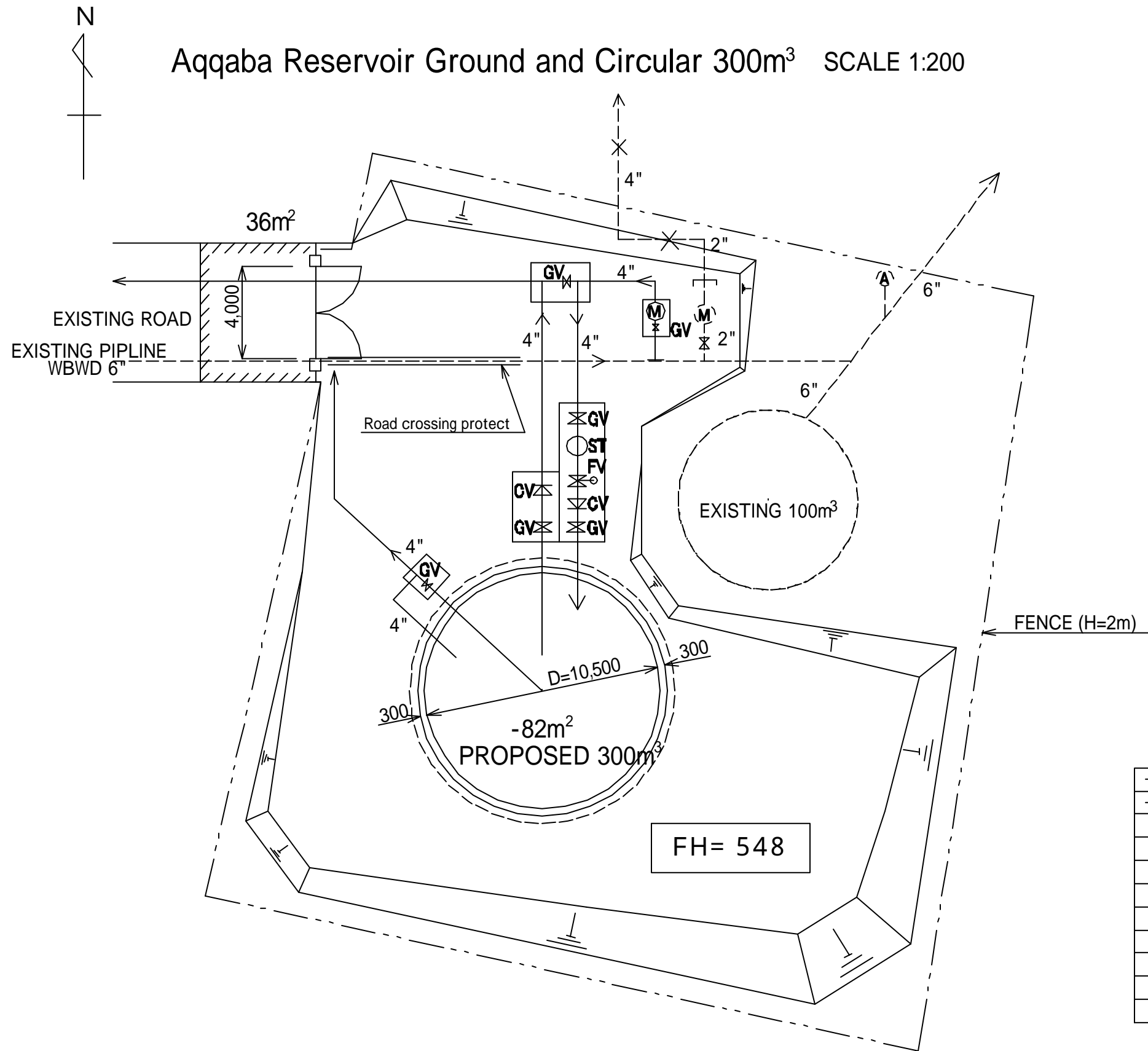
PIPE DIAMETER 75(3")



PIPE DIAMETER 50(2")



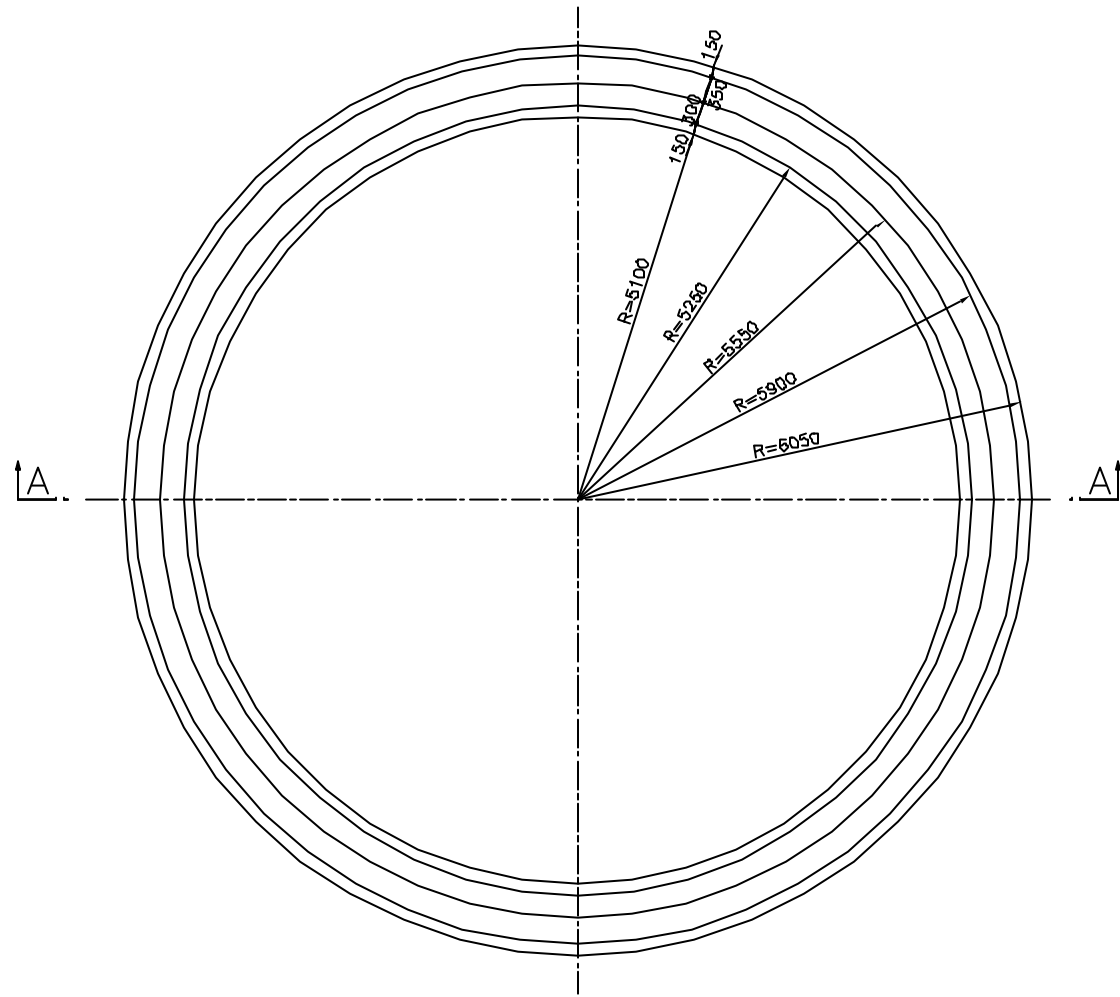
WBP-WL-30 Standard Sectional Drawing for Pipe Installation (2/2)



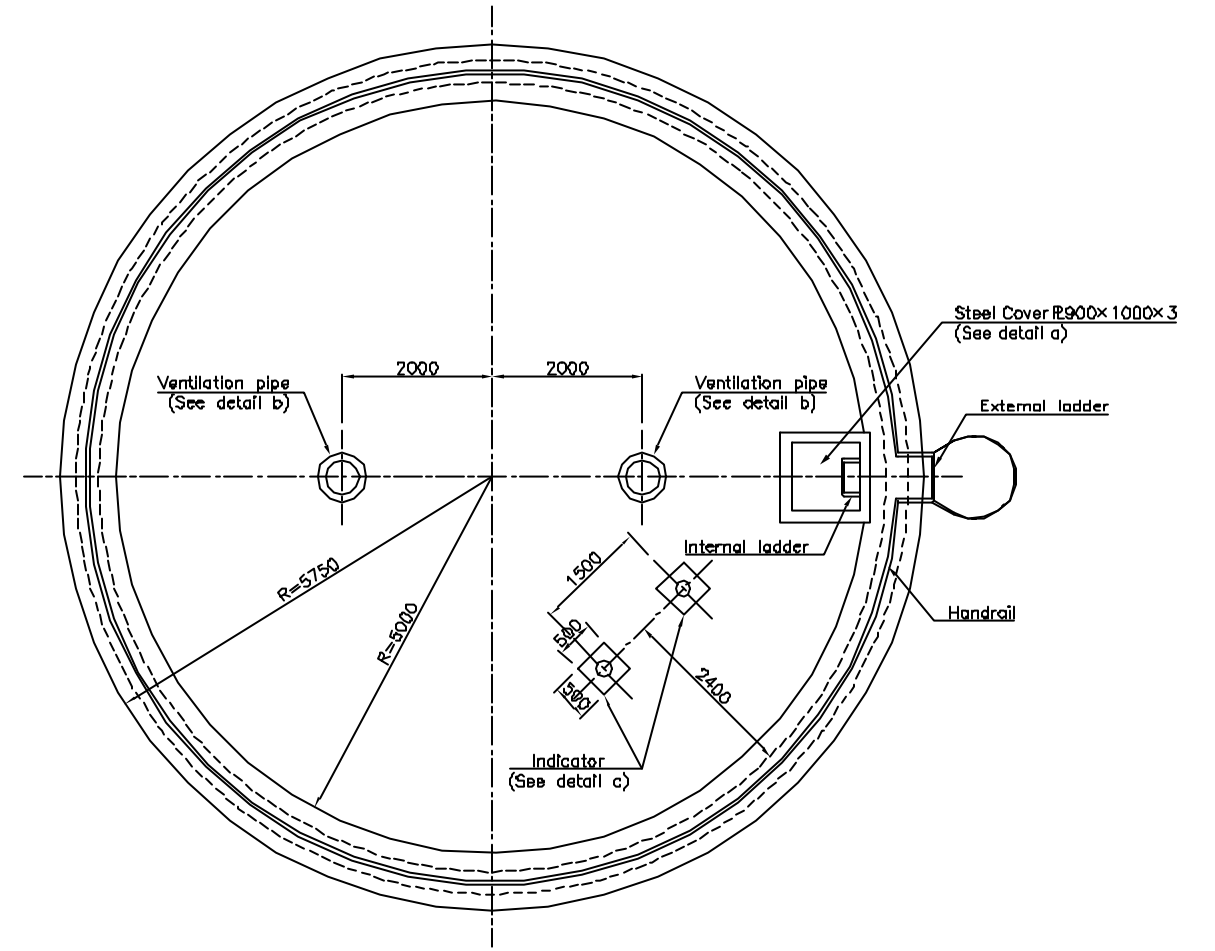
**Legend**

---	existing
—	proposede
<b>GV</b>	gate valve
<b>CV</b>	check valve
<b>RV</b>	reducing valve
<b>ST</b>	strainer
<b>M</b>	water meter
<b>A</b>	air valve
<b>RD</b>	reducer
<b>FV</b>	float valve
<b>DR</b>	dresser

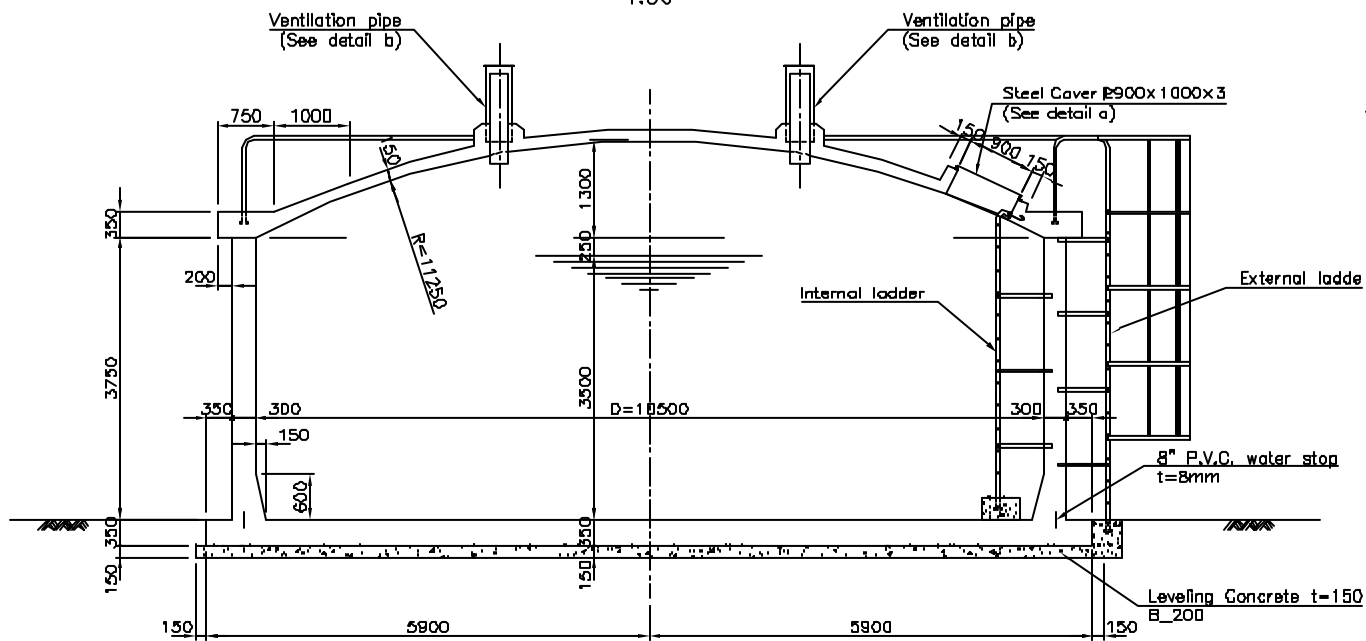
PLAN  
1:50



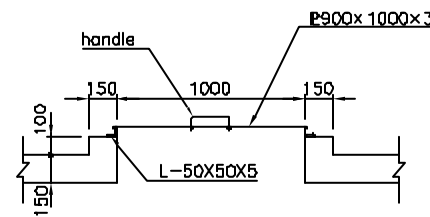
THE ROOF  
1:50



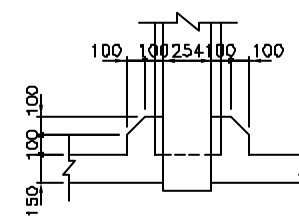
SECTION A-A  
1:50



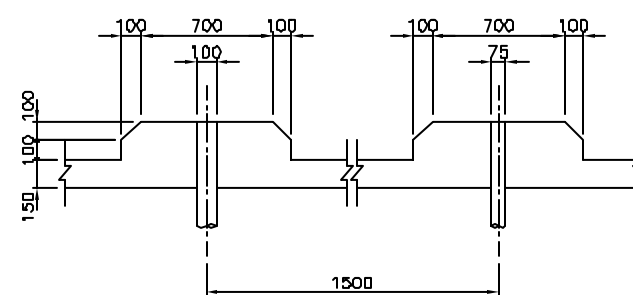
DETAIL a  
1:20



DETAIL b  
1:20



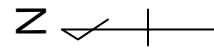
DETAIL c  
1:20



Note  
 • R C : B\_300  
 • Steel bars :  $f_y=420(N/mm^2)$   
 • Water proofing coat  
 2 coats of both internal and external water proofing

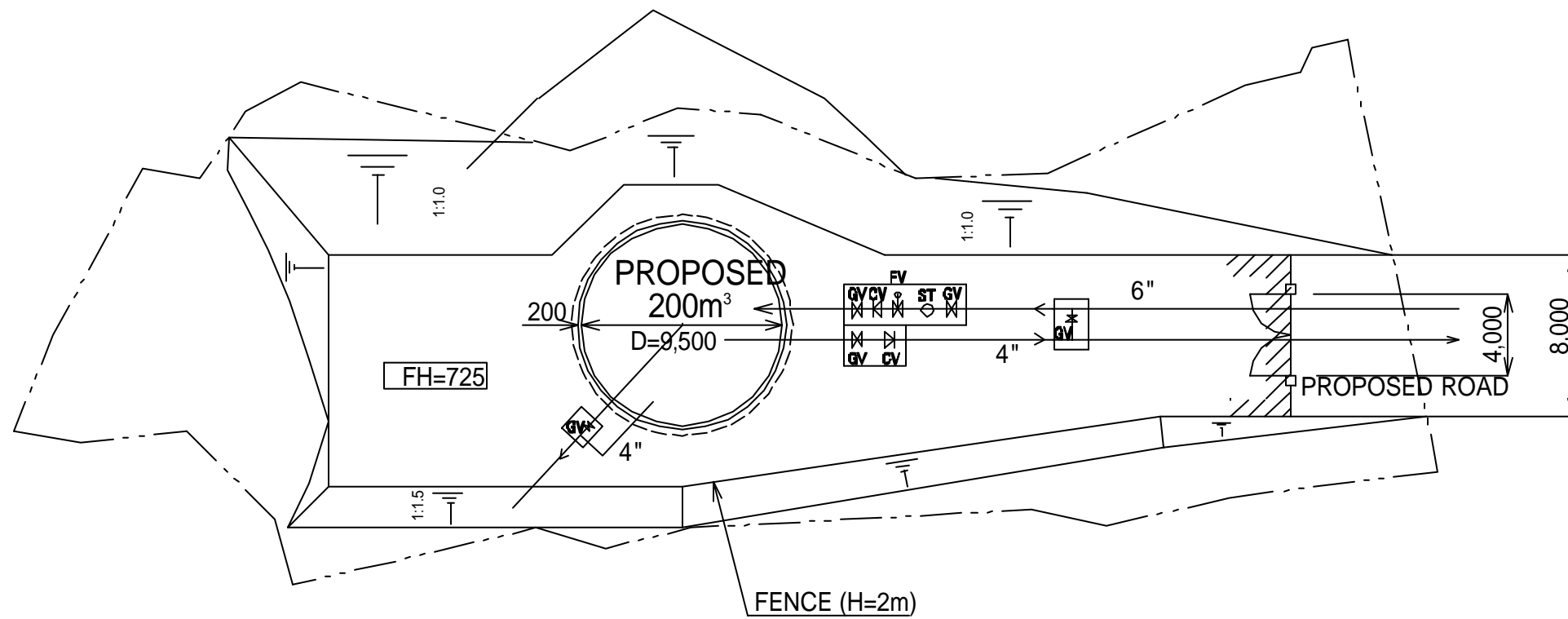
WBP-WR-02 Structural Drawing for 300m<sup>3</sup>  
 Ground-type Water Reservoir-Aqqaba

# Qabalan Reservoir Ground and Circular 200m<sup>3</sup> SCALE 1:300



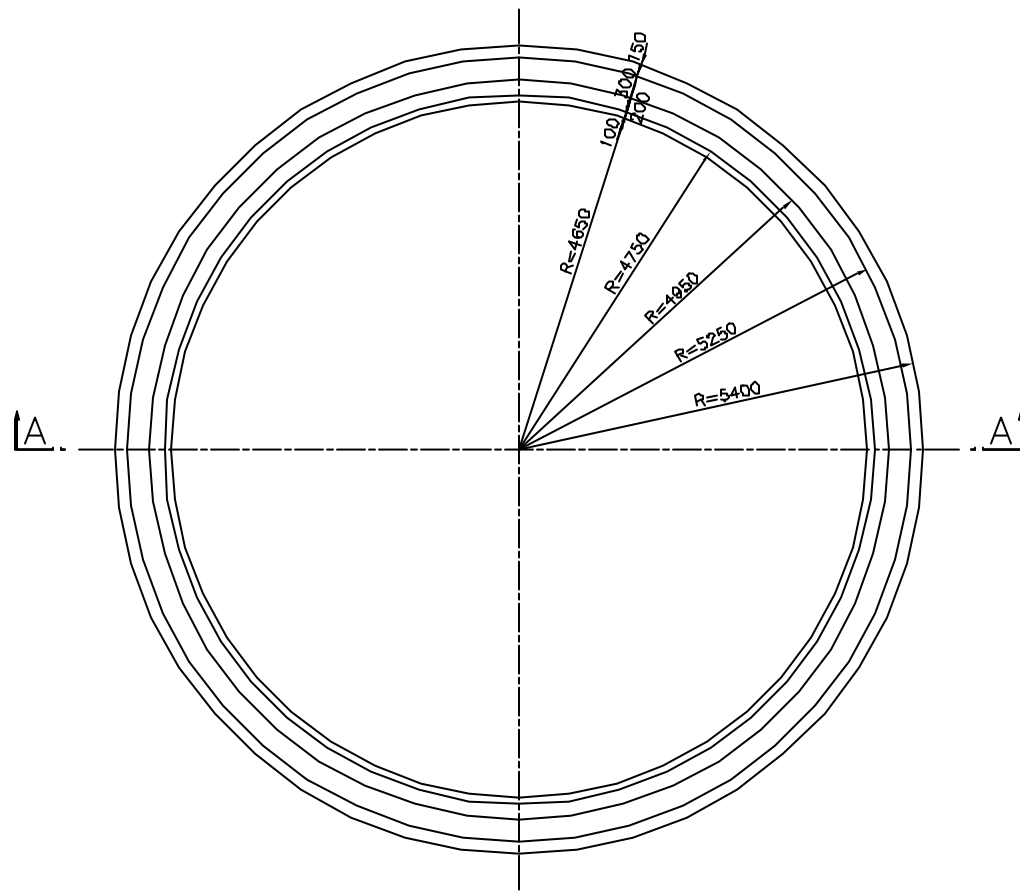
**Legend**

---	existing
—	proposed
<b>GV</b>	gate valve
<b>CV</b>	check valve
<b>RV</b>	reducing valve
<b>ST</b>	strainer
<b>M</b>	water meter
<b>A</b>	air valve
<b>RD</b>	reducer
<b>FV</b>	float valve
<b>DR</b>	dresser

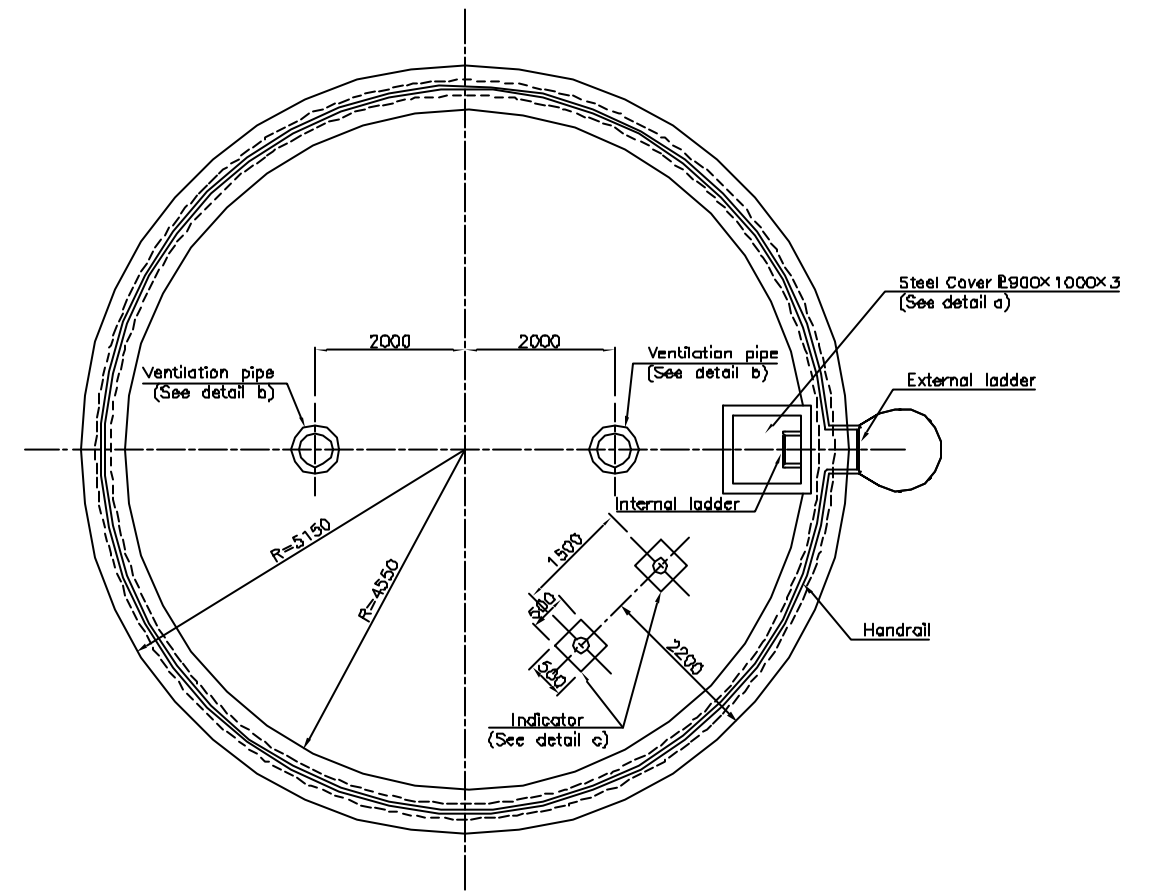




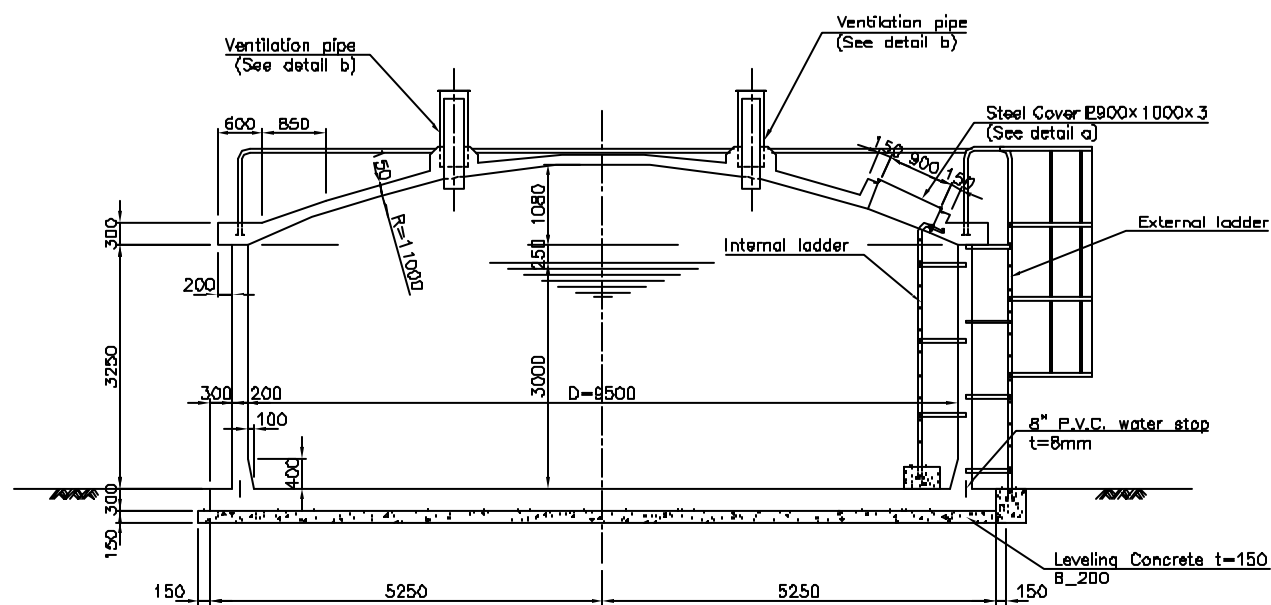
PLAN  
1:50



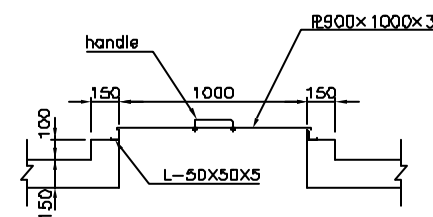
THE ROOF  
1:50



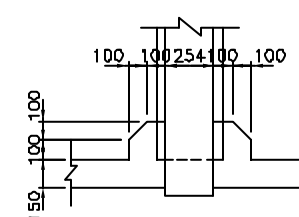
SECTION A-A  
1:50



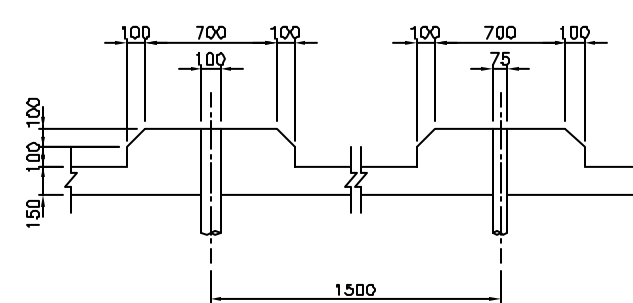
DETAIL a  
1:20



DETAIL b  
1:20



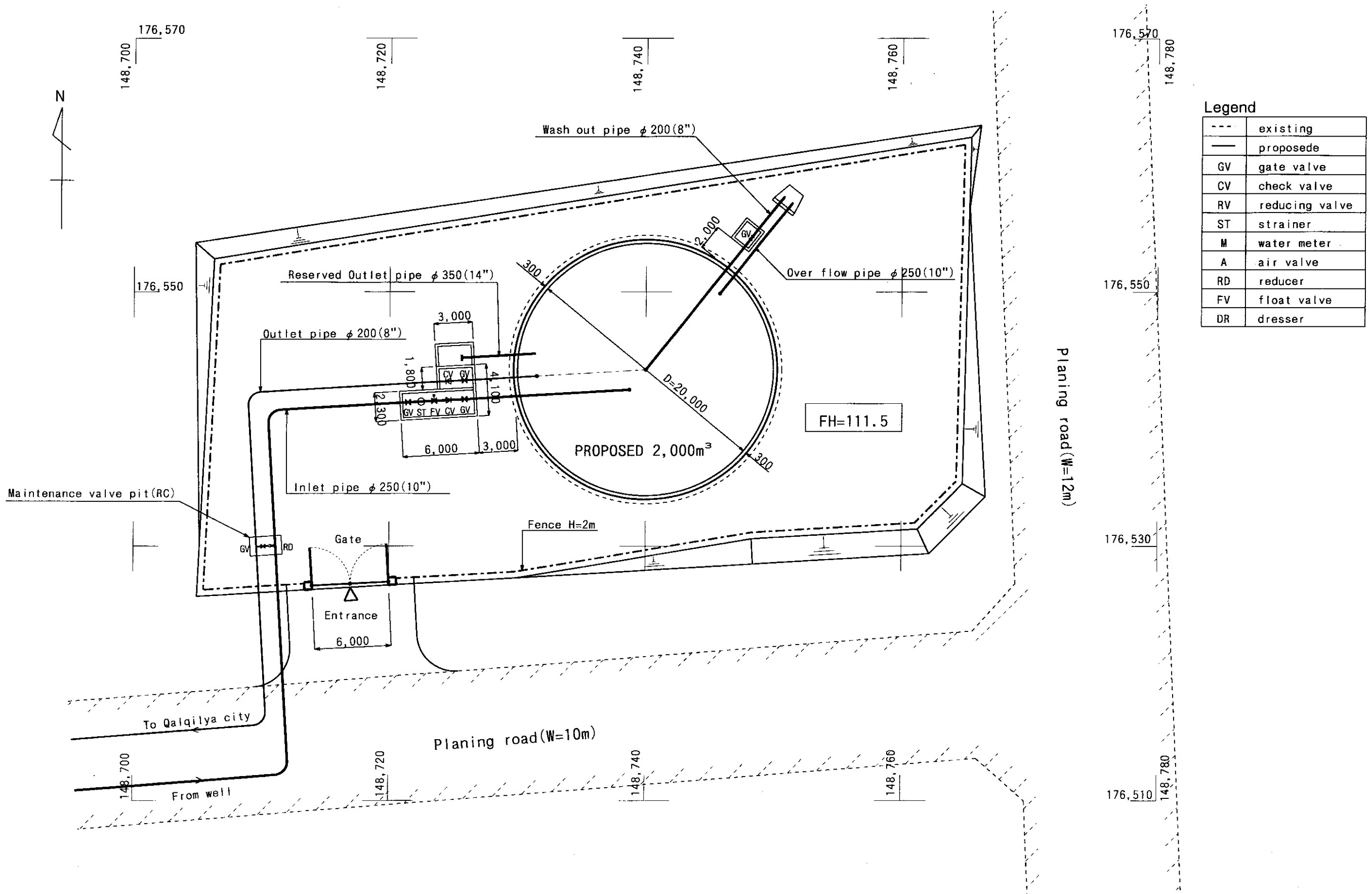
DETAIL c  
1:20



Note  
 • R C : B\_300  
 • Steel bars :  $f_y = 420(N/mm^2)$   
 • Water proofing coat  
 2 coats of both Internal and external water proofing

WBP-WR-04 Structural Drawing for 200m<sup>3</sup>  
Ground-type Water Reservoir-Qabalan

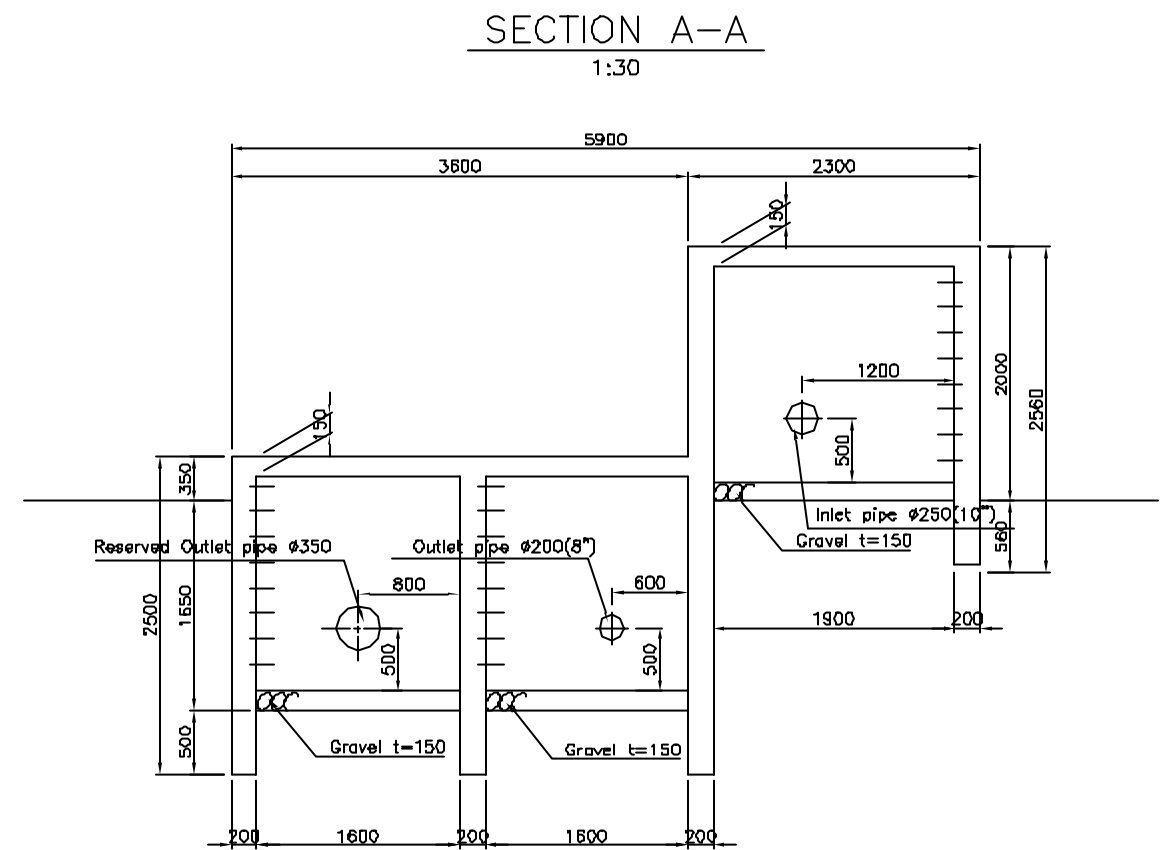
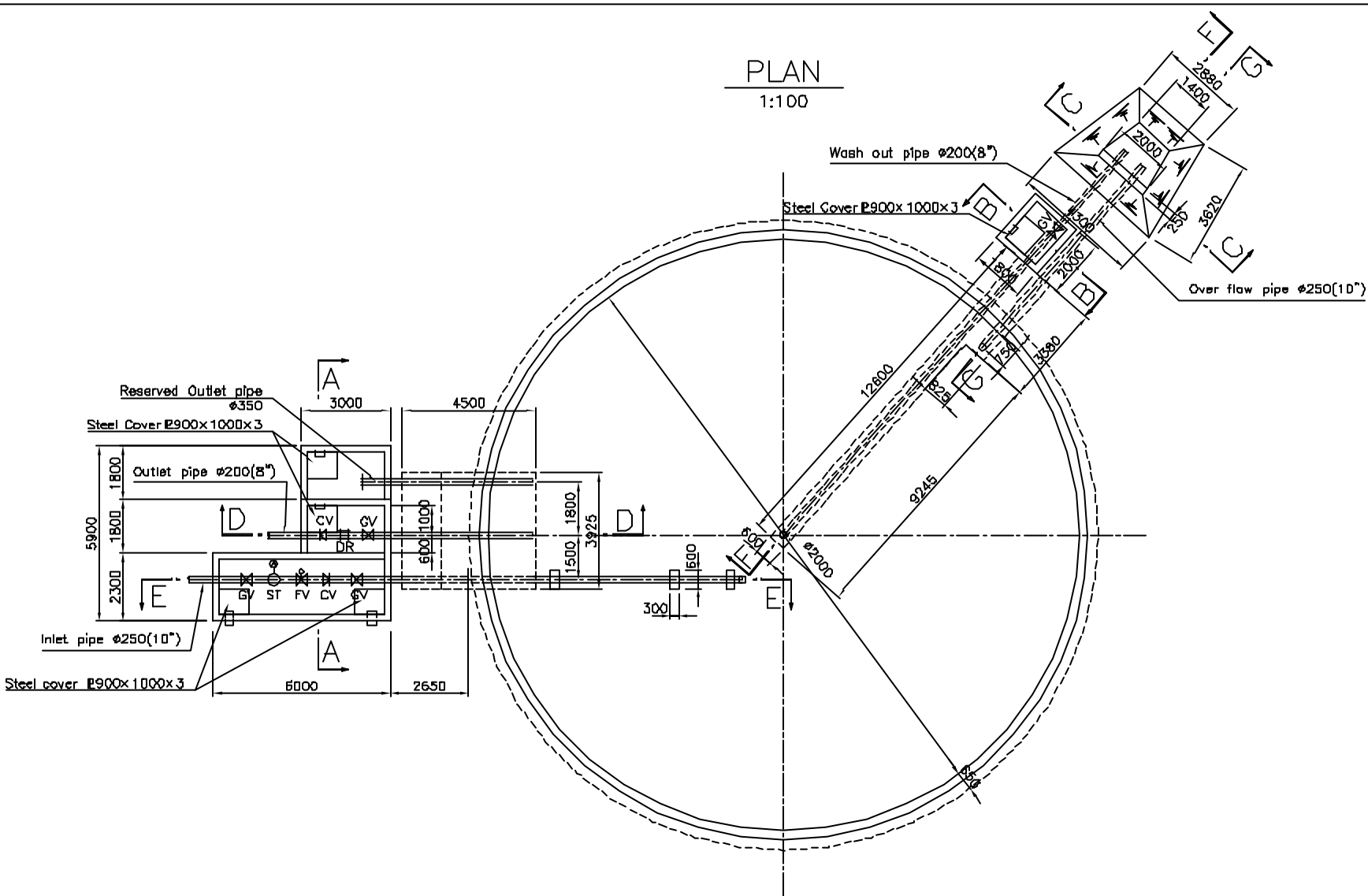
Qalqilya Reservoir Ground and Circular 2,000m<sup>3</sup> SCALE 1:300



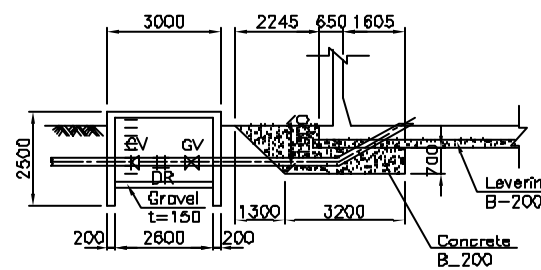
**Legend**

---	existing
—	proposed
GV	gate valve
CV	check valve
RV	reducing valve
ST	strainer
M	water meter
A	air valve
RD	reducer
FV	float valve
DR	dresser

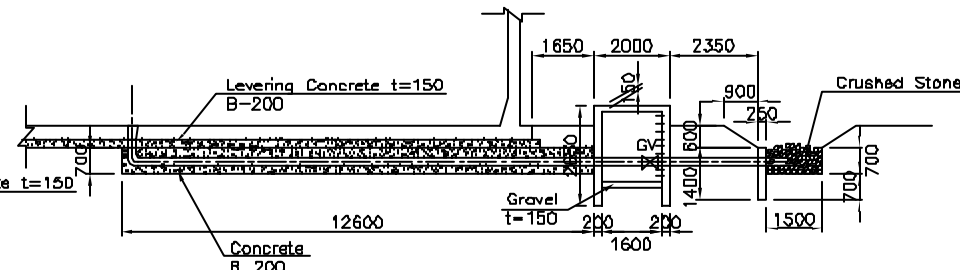
WBP-WR-05 General Layout for 2,000m<sup>3</sup> Ground-type Water Reservoir—Qalqilia



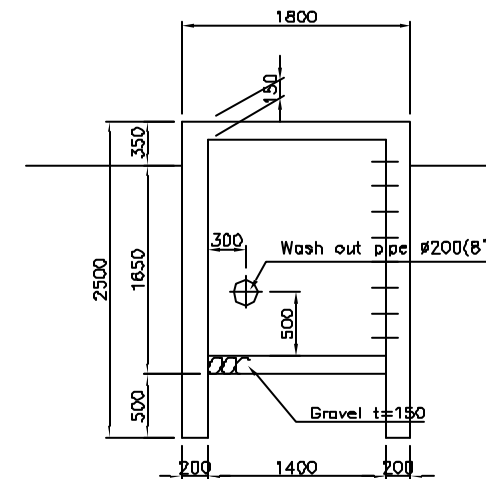
SECTION D-D  
1:100



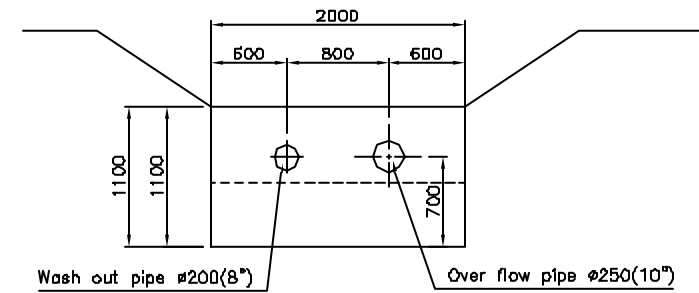
SECTION F-F  
1:3100



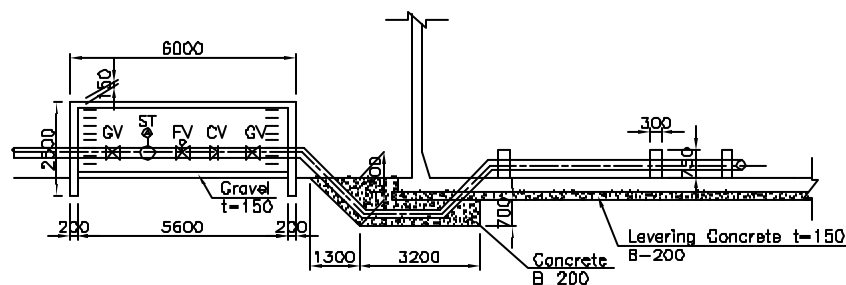
SECTION B-B  
1:30



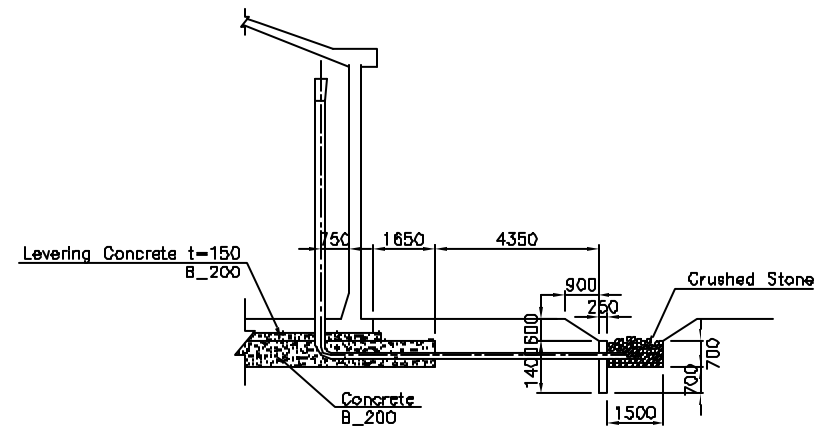
SECTION C-C  
1:30



SECTION E-E  
1:100

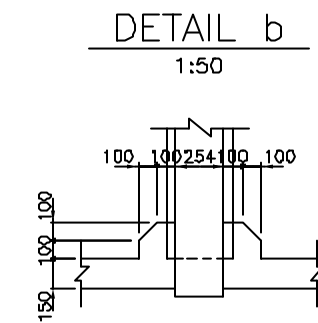
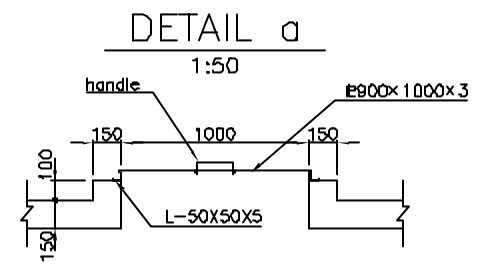
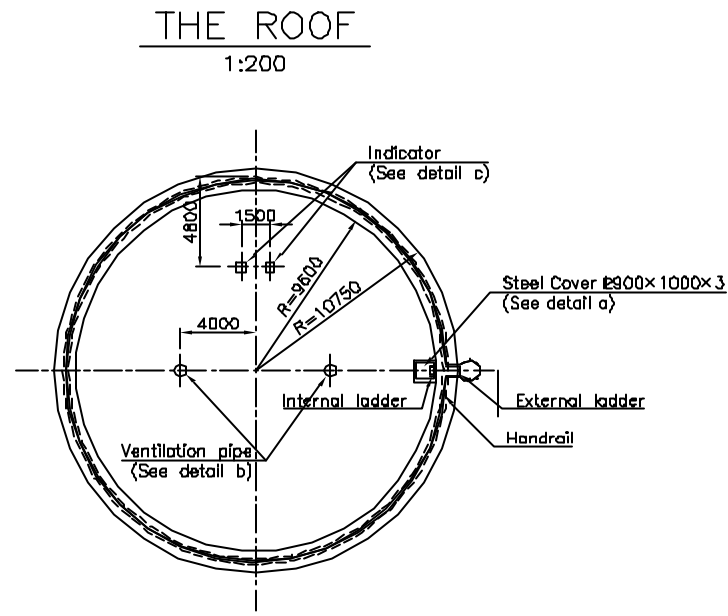
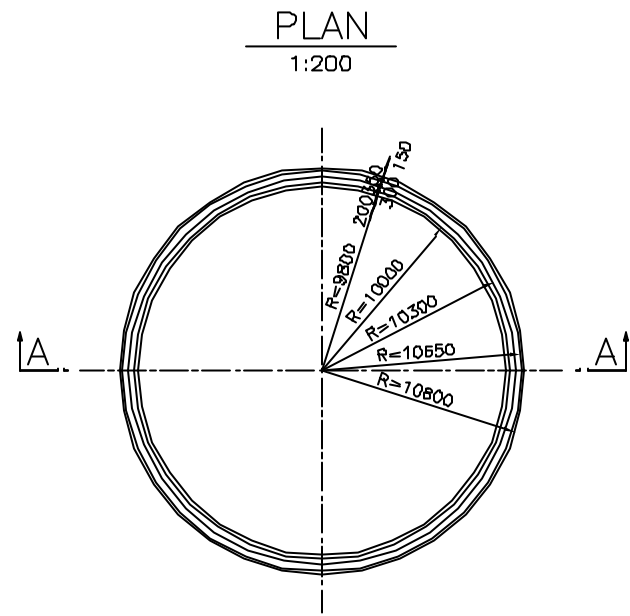


SECTION G-G  
1:100

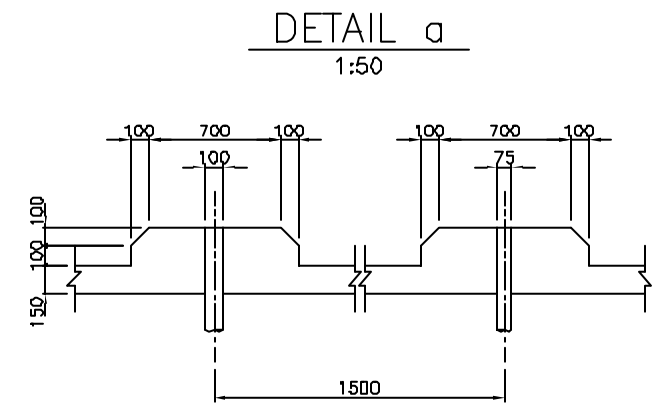
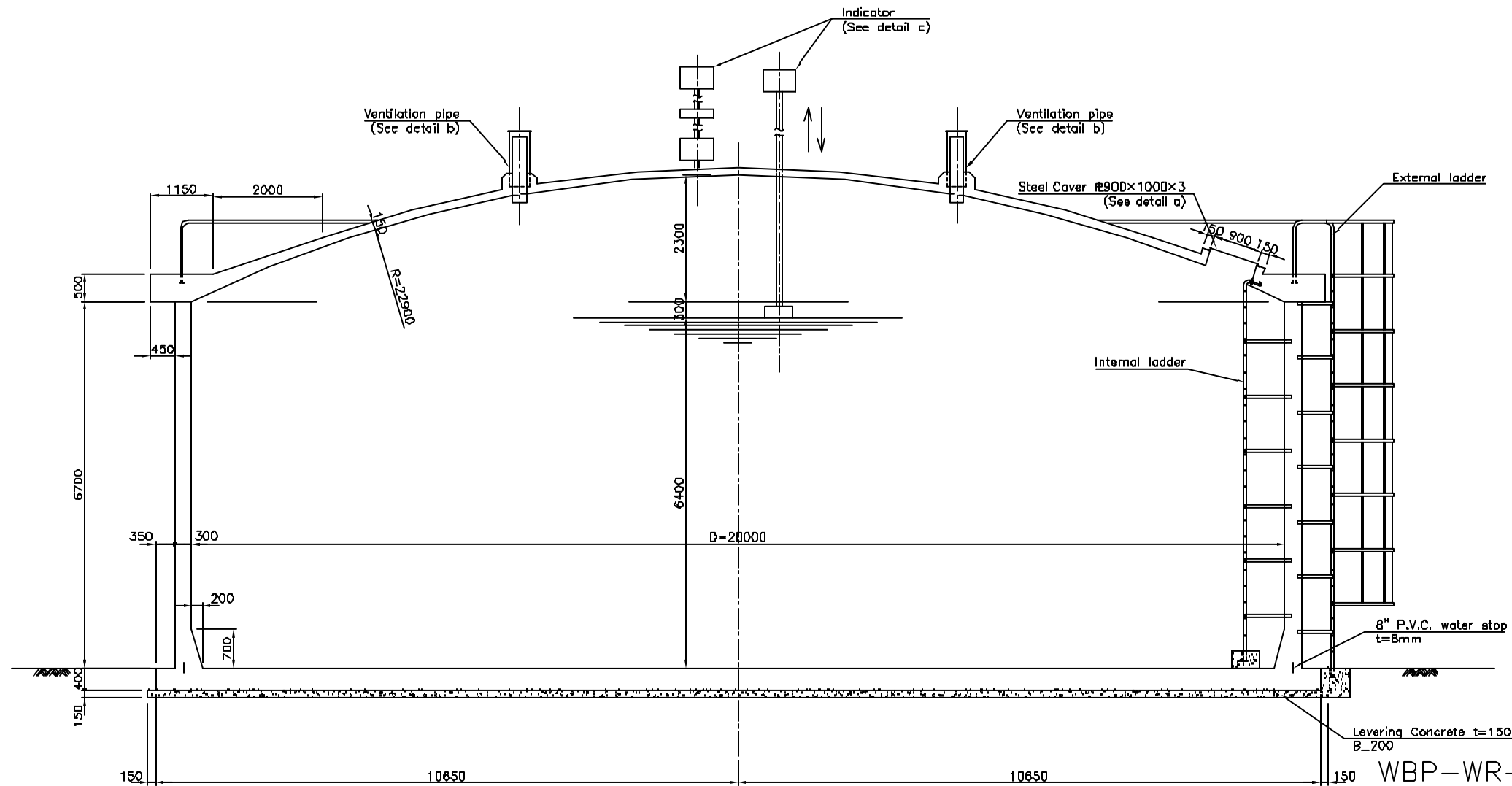


Note  
 • RC : B\_300  
 • Steel bars :  $f_y=420(N/mm^2)$

WBP-WR-06 Structural Drawing for 2,000m<sup>3</sup>  
 Ground-type Water Reservoir (1/2)-Qalqilia

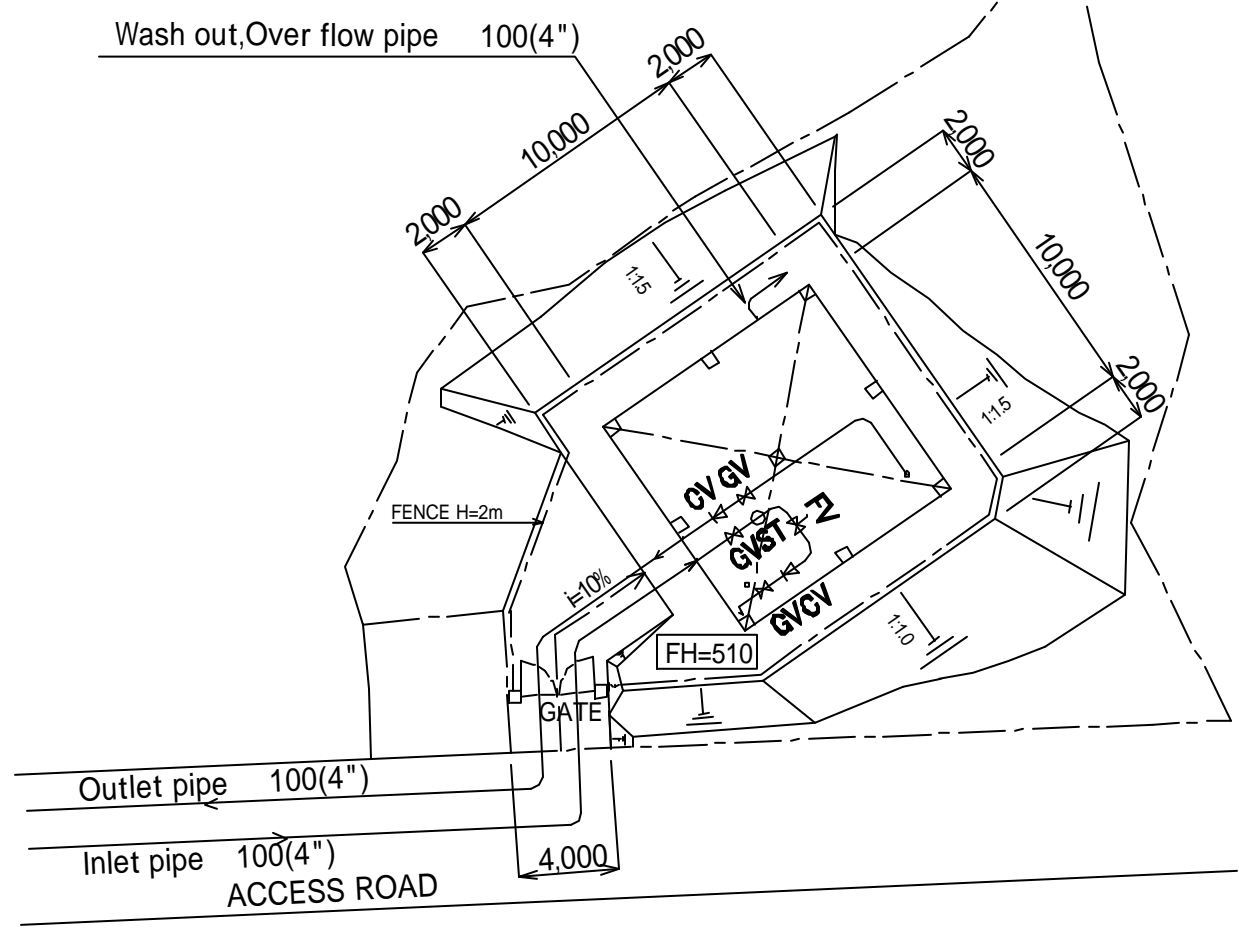
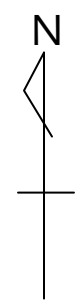


**SECTION A-A**  
1:50



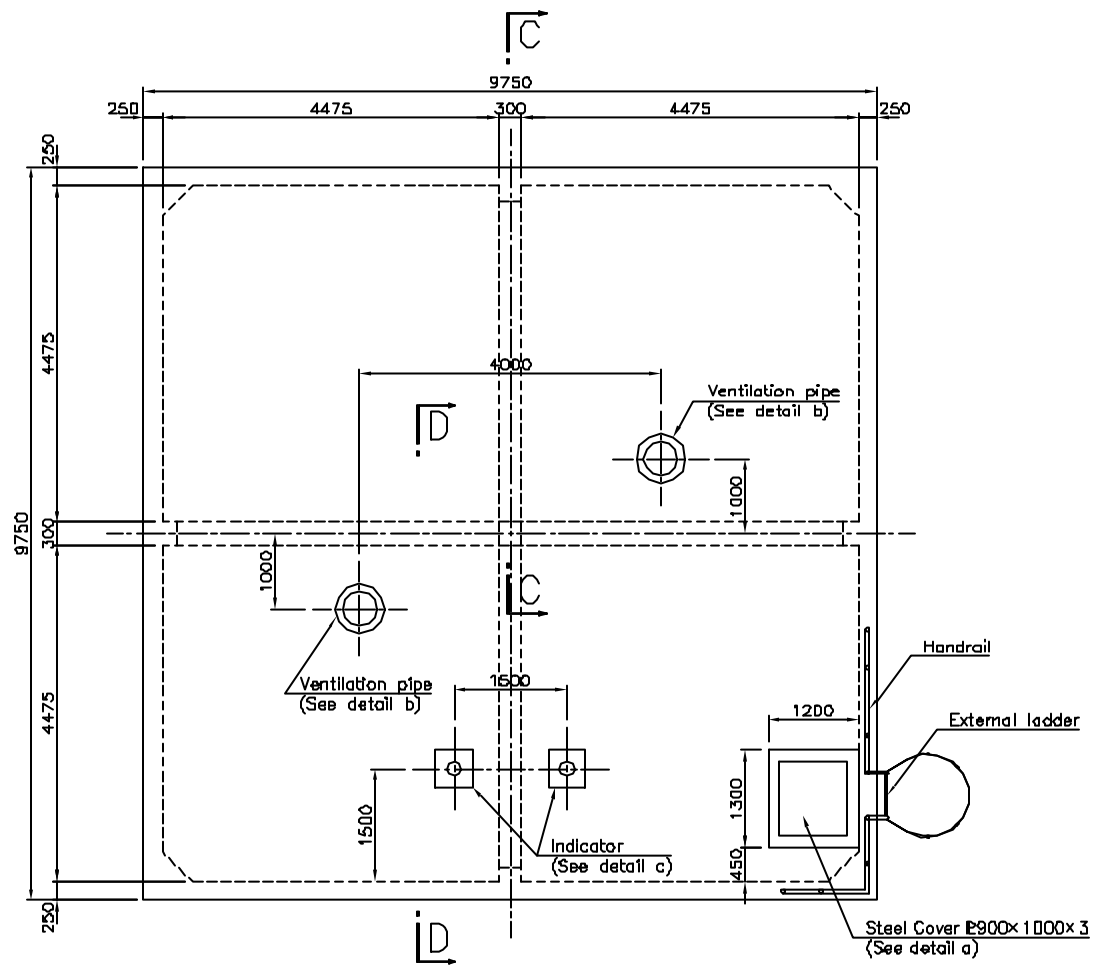
Note  
 • R C : B\_300  
 • Steel bars : fy=420(N/mm<sup>2</sup>)  
 • Water proofing coat  
 2 coats of both internal and external water proofing

HARIS ELEVATED RESERVOIR 300m<sup>3</sup> SCALE 1:300



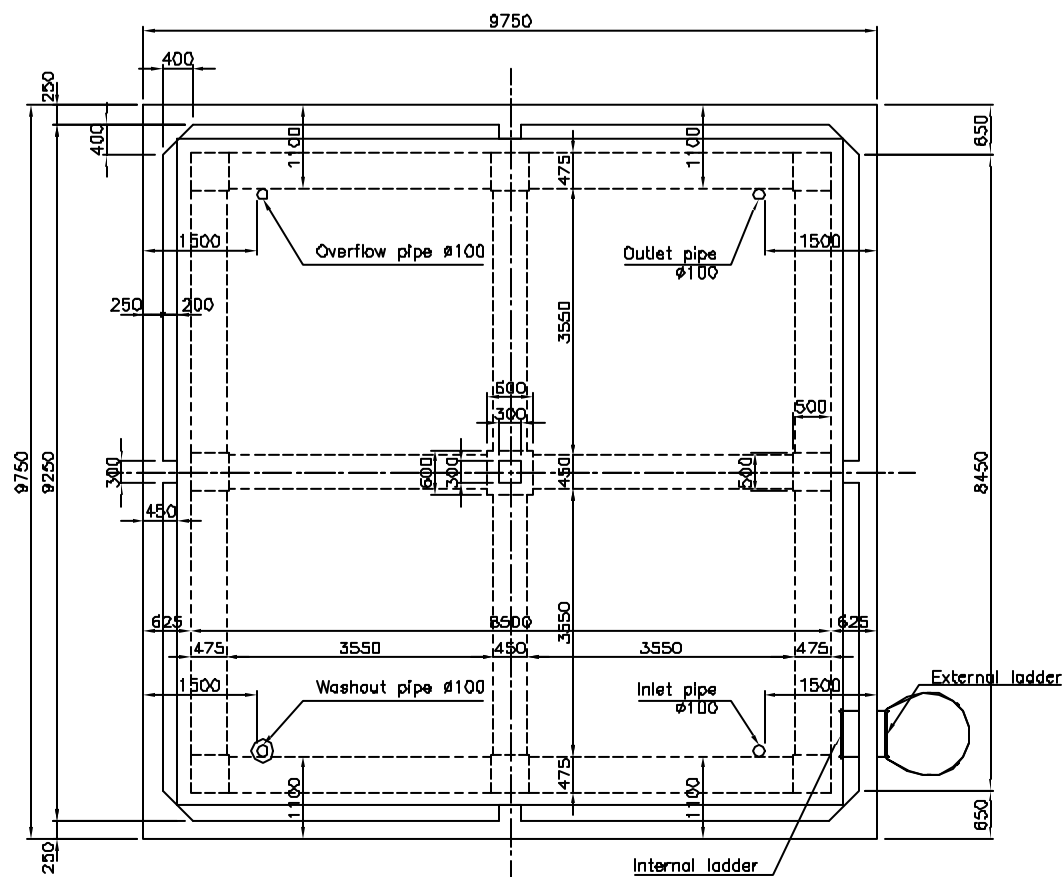
SECTION A-A

1:50



SECTION B-B

1:50

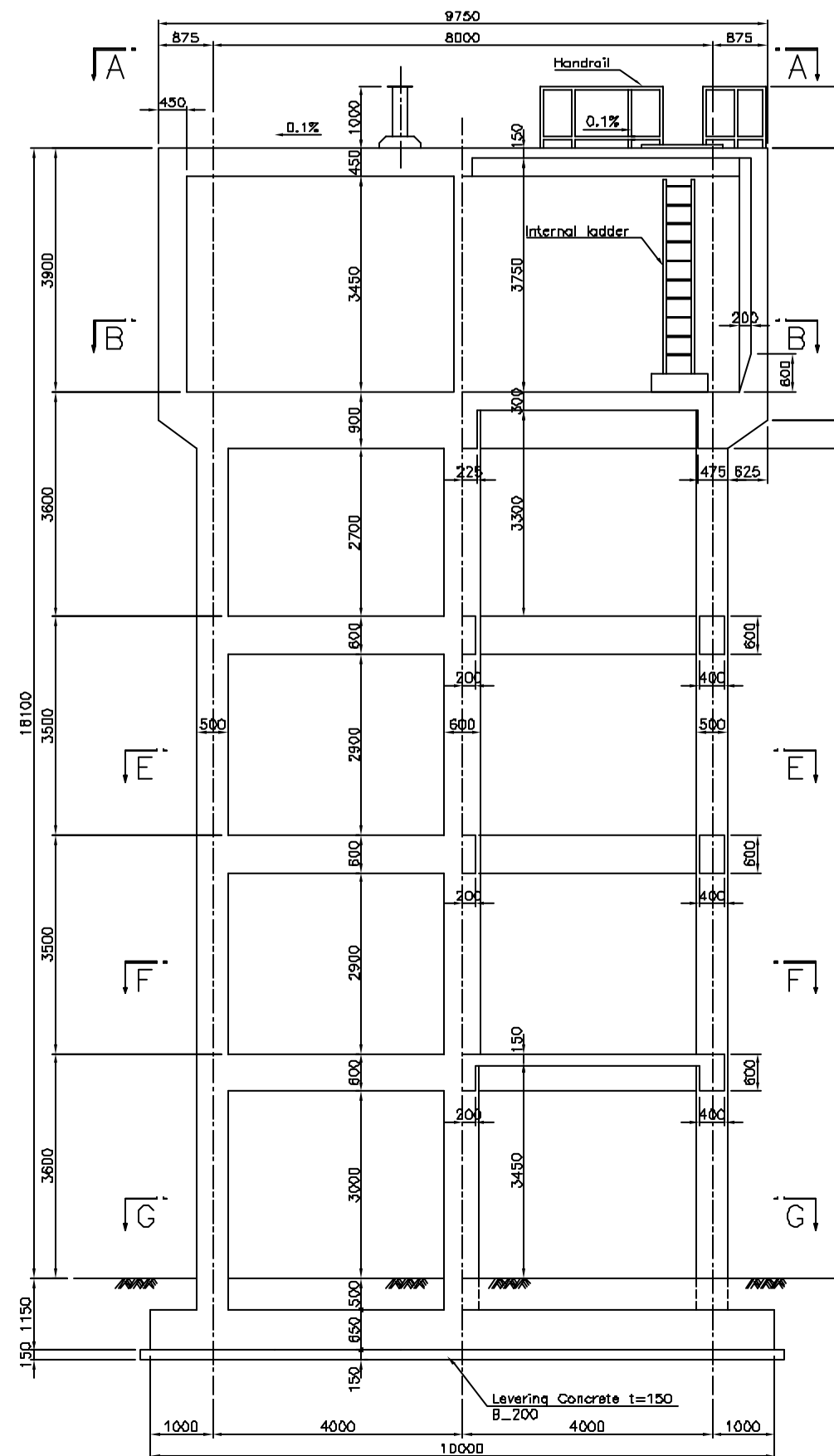


SECTION C-C

1:50

SECTION D-D

1:50

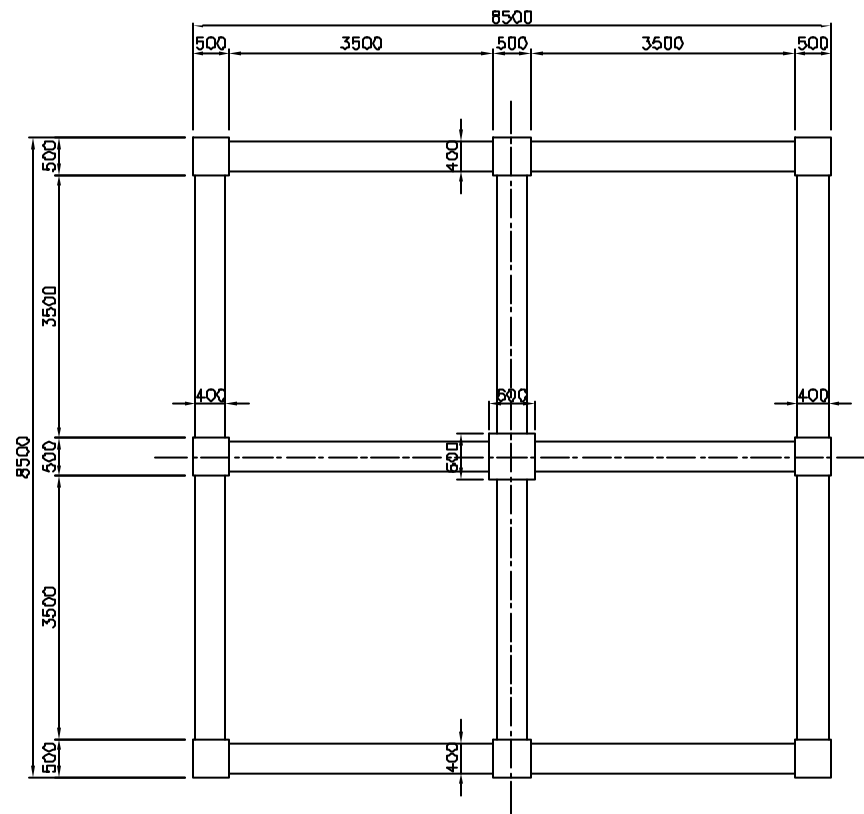


- Note
- R C : B\_300
  - Steel bars :  $f_y=420(N/mm^2)$
  - Water proofing coat  
2 coats of both internal and external water proofing

WBP-WR-09 Structural Drawing for 300m<sup>3</sup>  
Elevated Water Reservoir (1/2)-Haris

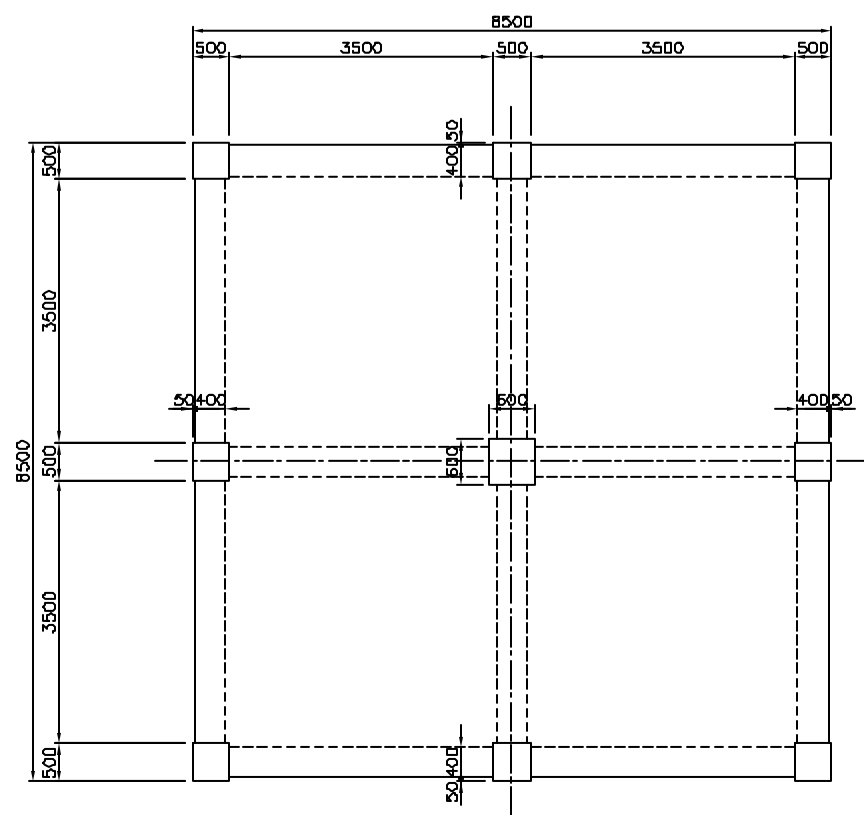
SECTION E-E

1:50



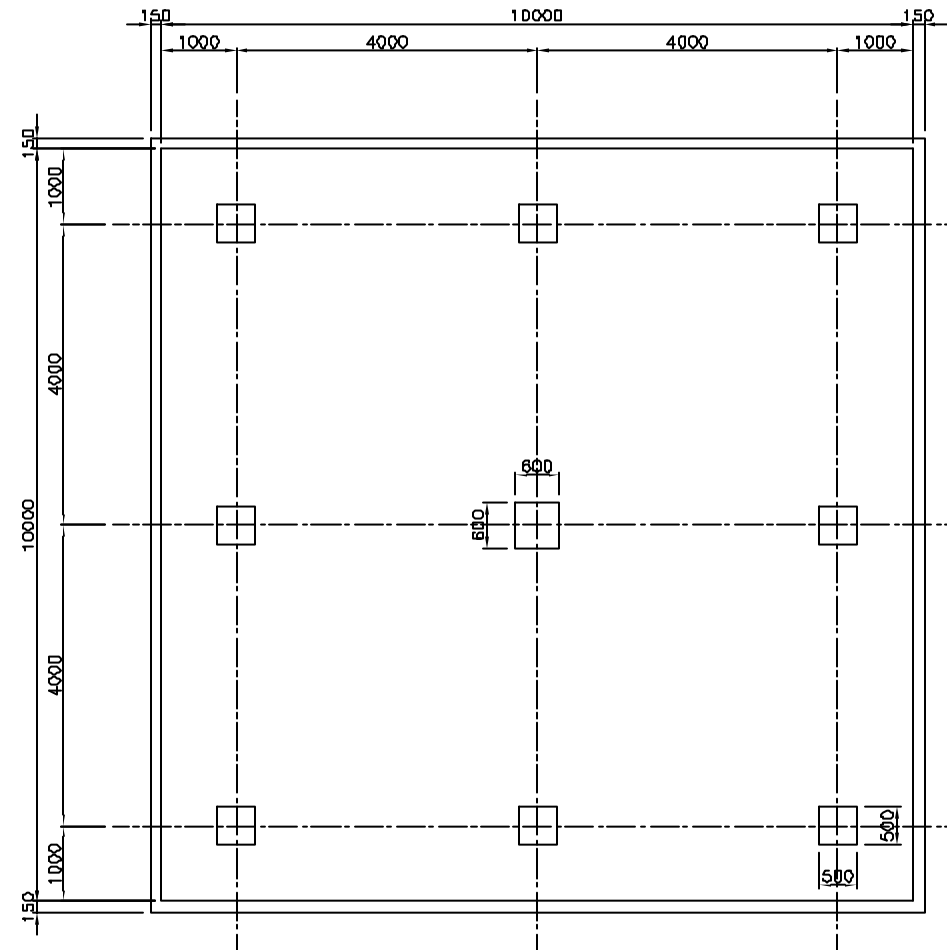
SECTION F-F

1:50



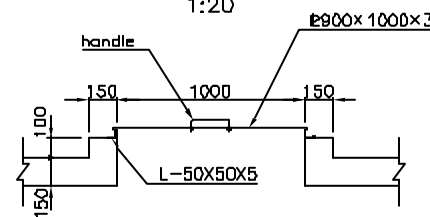
SECTION G-G

1:50



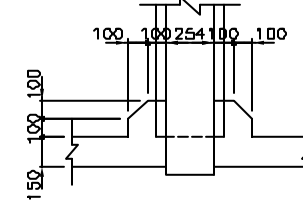
DETAIL a

1:20



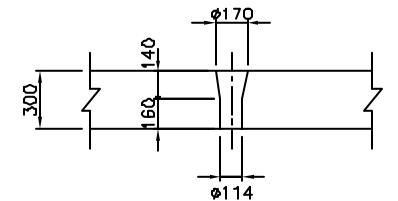
DETAIL b

1:20



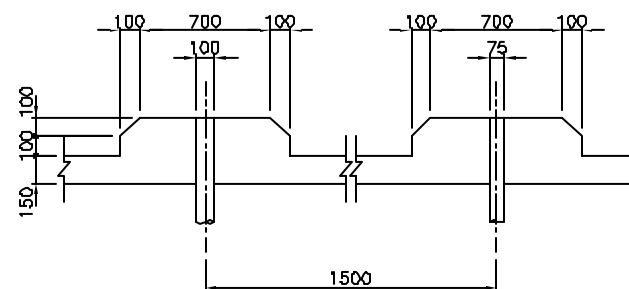
DETAIL d

1:20



DETAIL c

1:20



- Note
- R C : B\_300
  - Steel bars :  $f_y=420(N/mm^2)$
  - Water proofing coat
  - 2 coats of both internal and external water proofing

WBP-WR-10 Structural Drawing for 300m<sup>3</sup>  
Elevated Water Reservoir (2/2)-Haris