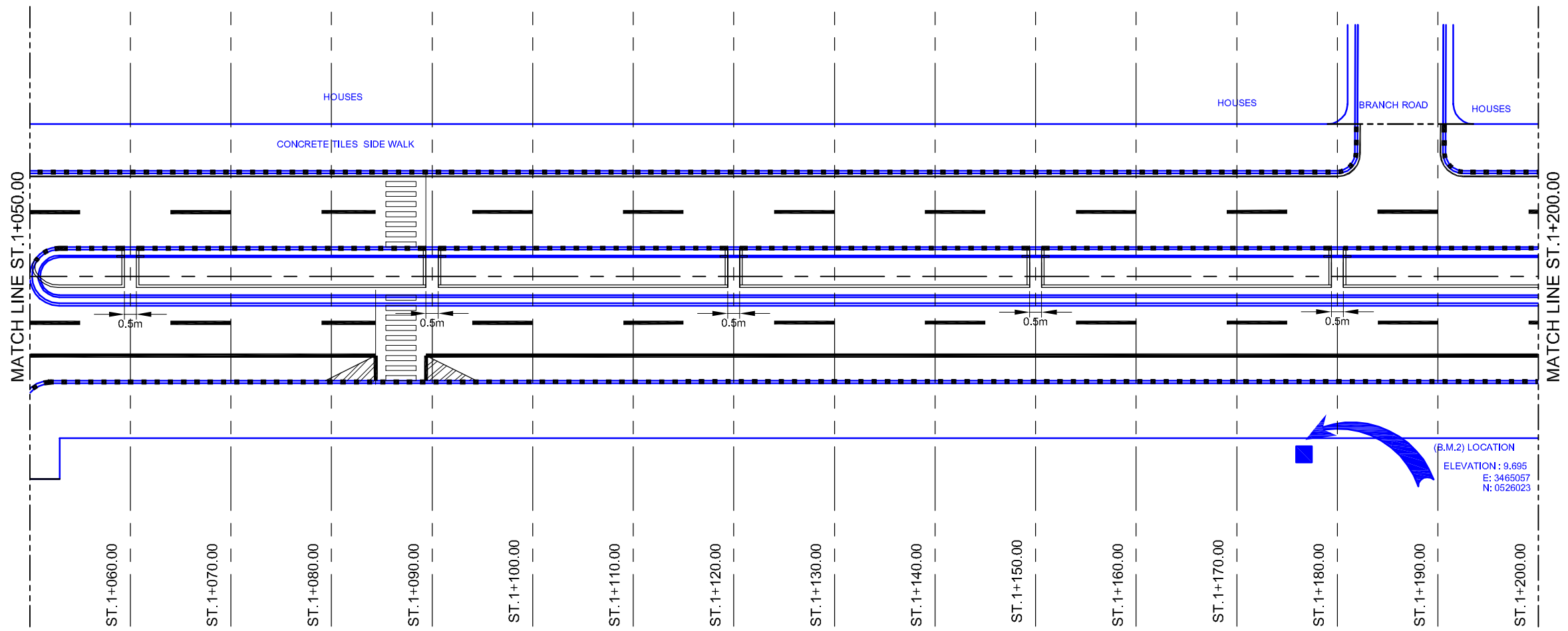
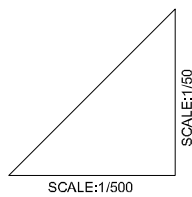


PLAN SCALE 1:500



NOTE:
 ALL THE EXISTING LAYOUTS ARE IN BLUE
 ALL THE PROPOSED LAYOUT ARE IN BLACK
 CENTRELINE OF STREET IN THE MIDDLE BARRIER

PROFILE

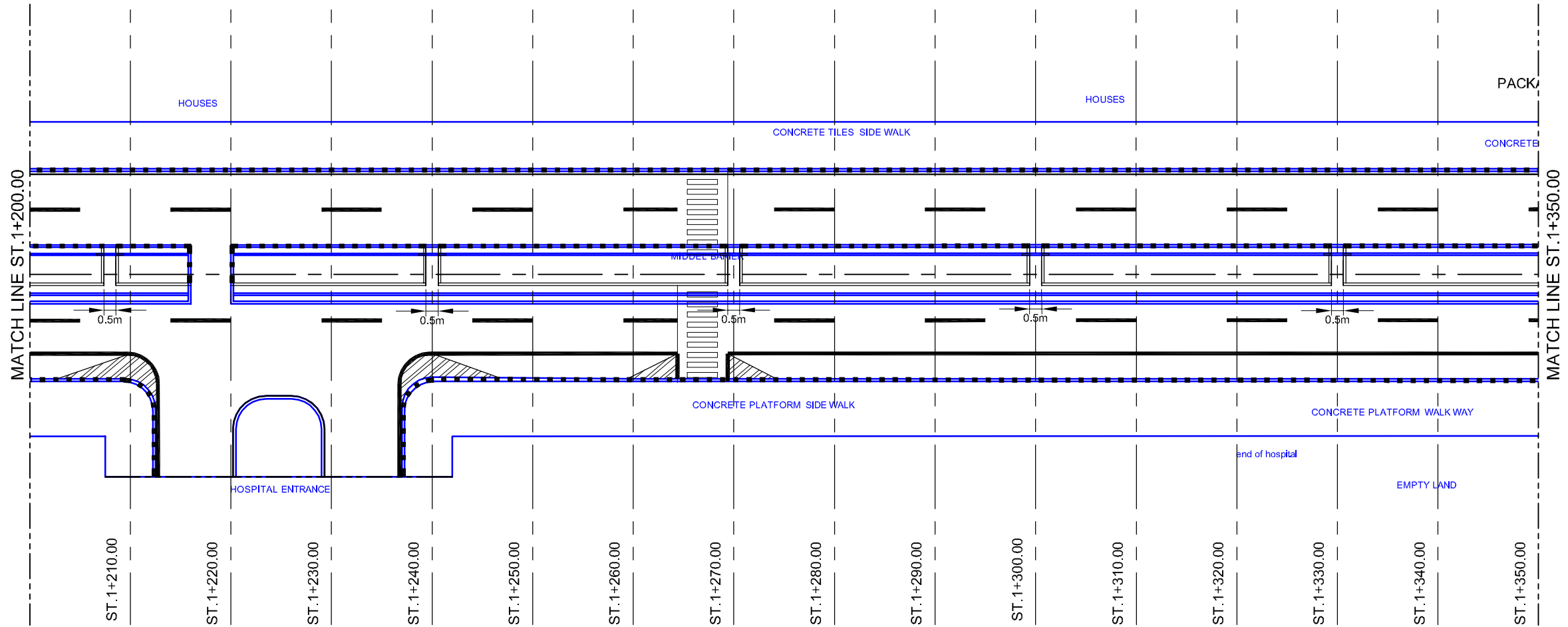


C.L. ELEVATION		10.785	10.766	10.763	10.760	10.825	10.765	10.795	10.765	10.795	10.805	10.785	10.790	10.800	10.825	10.830	10.820
C.L. COORDINATE (U.T.M. SYSTEM)	N:	0526080	0526070	0526060	0526050	0526040	0526030	0526021	0526011	0526001	0525991	0525981	0525971	0525961	0525951	0525941	0525931
	E:	3465106	3465104	3465103	3465102	3465101	3465100	3465099	3465098	3465097	3465096	3465094	3465093	3465092	3465091	3465090	3465089
STATION		1+050.00	1+060.00	1+070.00	1+080.00	1+090.00	1+100.00	1+110.00	1+120.00	1+130.00	1+140.00	1+150.00	1+160.00	1+170.00	1+180.00	1+190.00	1+200.00

PROFILE SECTION OF HOSPITAL STREET (1050.00 - 1200.00)m

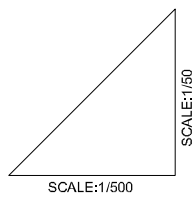
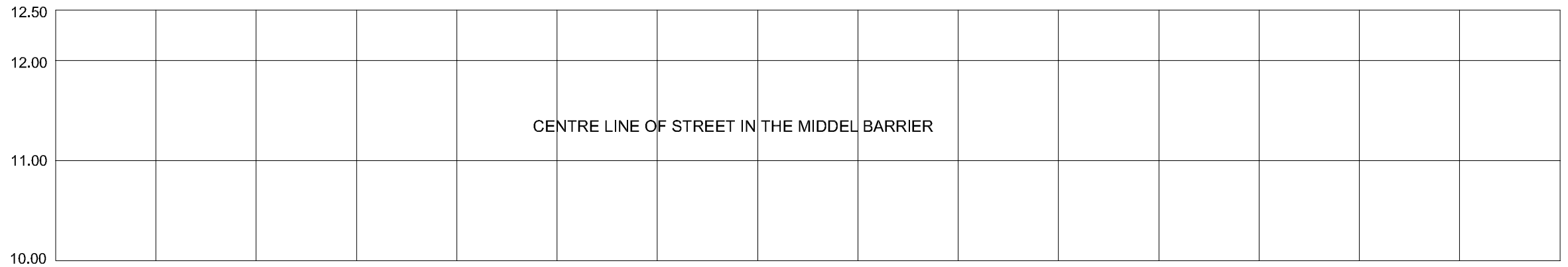
Owner: SAMAWAH MAYORALTY MUTHANNA GOVERNORATE REPUBLIC OF IRAQ	Consultant:	Client :	Project : REHABILITATION AND IMPROVEMENT OF THE ROADS AND ROAD SIDES IN SAMAWAH FOR SAMAWAH PROMENADE DEVELOPMENT PLAN	Drawing No. C-2	Rev:	Drawn by :
			Dwg Title: HOSPITAL STREET (PACKAGE 2) PLAN & PROFILE (2-4)	Scale AS SHOWN	Date:	Checked by:

PLAN SCALE 1:500



PROFILE

NOTE:
 ALL THE EXISTING LAYOUTS ARE IN BLUE
 ALL THE PROPOSED LAYOUT ARE IN BLACK
 CENTRELINE OF STREET IN THE MIDDLE BARRIER



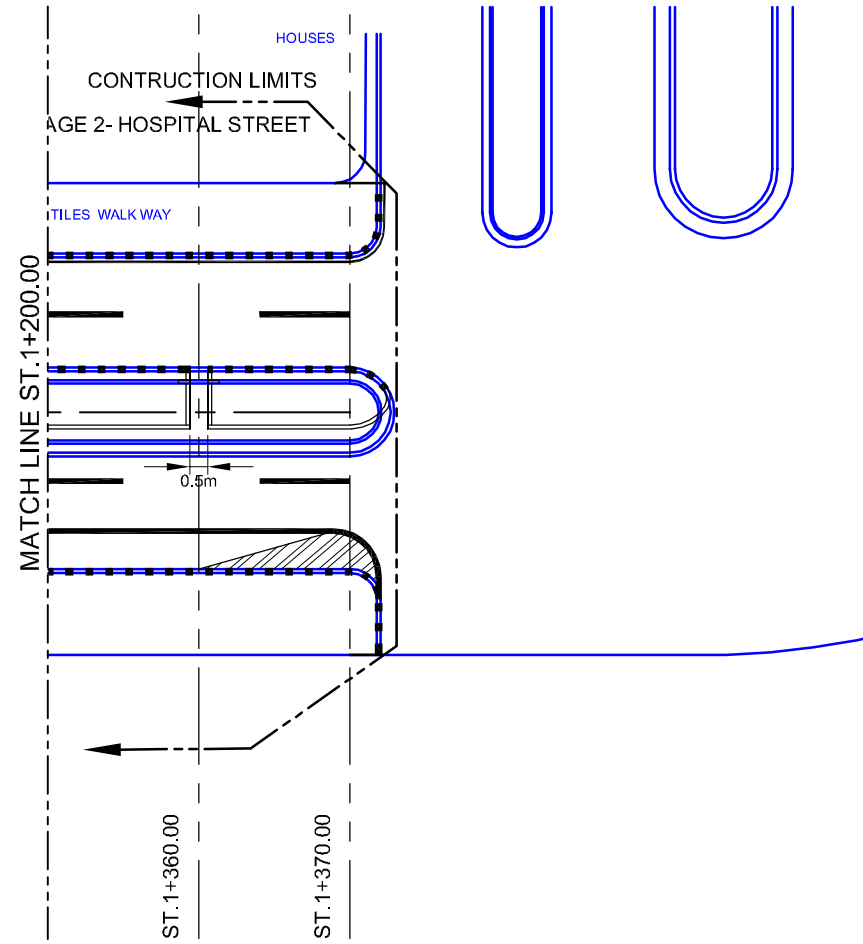
C.L. ELEVATION		10.820	10.845	10.830	10.850	10.855	10.862	10.885	10.880	10.907	10.905	10.926	10.927	10.962	10.995	10.857	10.857
C.L. COORDINATE (U.T.M. SYSTEM)	N:	0525931	0525922	0525912	0525902	0525892	0525882	0525872	0525862	0525852	0525842	0525832	0525822	0525812	0525802	0525792	0525782
	E:	3465089	3465087	3465086	3465085	3465084	3465083	3465082	3465081	3465080	3465079	3465078	3465077	3465075	3465074	3465073	3465072
STATION		1+200.00	1+210.00	1+220.00	1+230.00	1+240.00	1+250.00	1+260.00	1+270.00	1+280.00	1+290.00	1+300.00	1+310.00	1+320.00	1+330.00	1+340.00	1+350.00

PROFILE SECTION OF HOSPITAL STREET (1200.00 - 1350.00)m

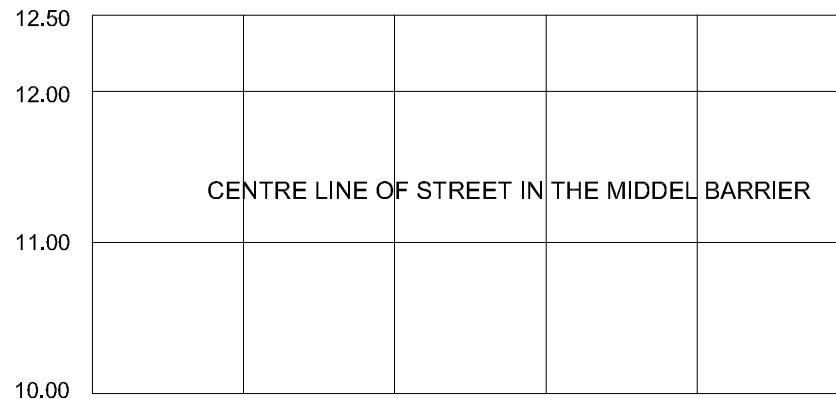
Owner: SAMAWAH MAYORALTY MUTHANNA GOVERNORATE REPUBLIC OF IRAQ	Consultant:	Client :	Project : REHABILITATION AND IMPROVEMENT OF THE ROADS AND ROAD SIDES IN SAMAWAH FOR SAMAWAH PROMENADE DEVELOPMENT PLAN	Drawing No. C-3	Rev:	Drawn by :
			Dwg Title: HOSPITAL STREET (PACKAGE 2) PLAN & PROFILE (3-4)	Scale AS SHOWN	Date:	Checked by:



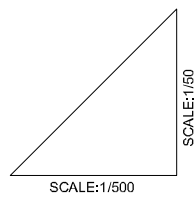
PLAN SCALE 1:500



PROFILE



NOTE:
 ALL THE EXISTING LAYOUTS ARE IN BLUE
 ALL THE PROPOSED LAYOUT ARE IN BLACK
 CENTRELINE OF STREET IN THE MIDDLE BARRIER

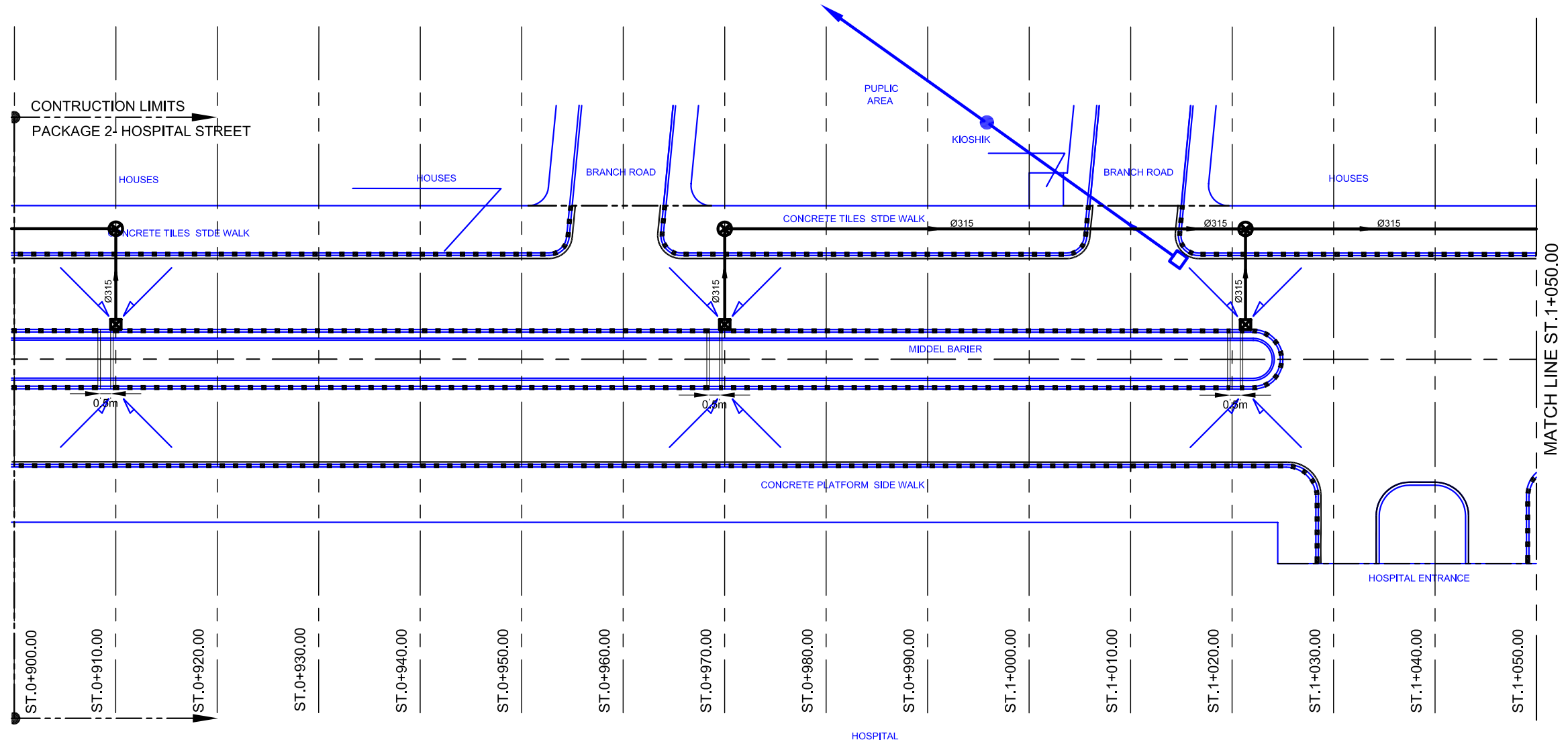


C.L. ELEVATION		10.820	10.845	10.830		
C.L. COORDINATE (U.T.M. SYSTEM)	N:	0525782	0525772	0525762		
	E:	3465072	3465072	3465071		
STATION		1+350.00	1+360.00	1+370.00		

Owner: SAMAWAH MAYORALTY MUTHANNA GOVERNORATE REPUBLIC OF IRAQ	Consultant:	Client :	Project : REHABILITATION AND IMPROVEMENT OF THE ROADS AND ROAD SIDES IN SAMAWAH FOR SAMAWAH PROMENADE DEVELOPMENT PLAN	Drawing No. C-4	Rev:	Drawn by :
			Dwg Title: HOSPITAL STREET (PACKAGE 2) PLAN & PROFILE (4-4)	Scale AS SHOWN	Date:	Checked by:



- LEGEND:
- EXISTING PIPE
 - EXISTING INLET
 - EXISTING INLET TO BE DEMOLISHED
 - EXISTING MANHOLE
 - NEW PIPE
 - NEW INLET
 - ⊗ NEW MANHOLE
 - REHABILITATION OF EXISTING CURB



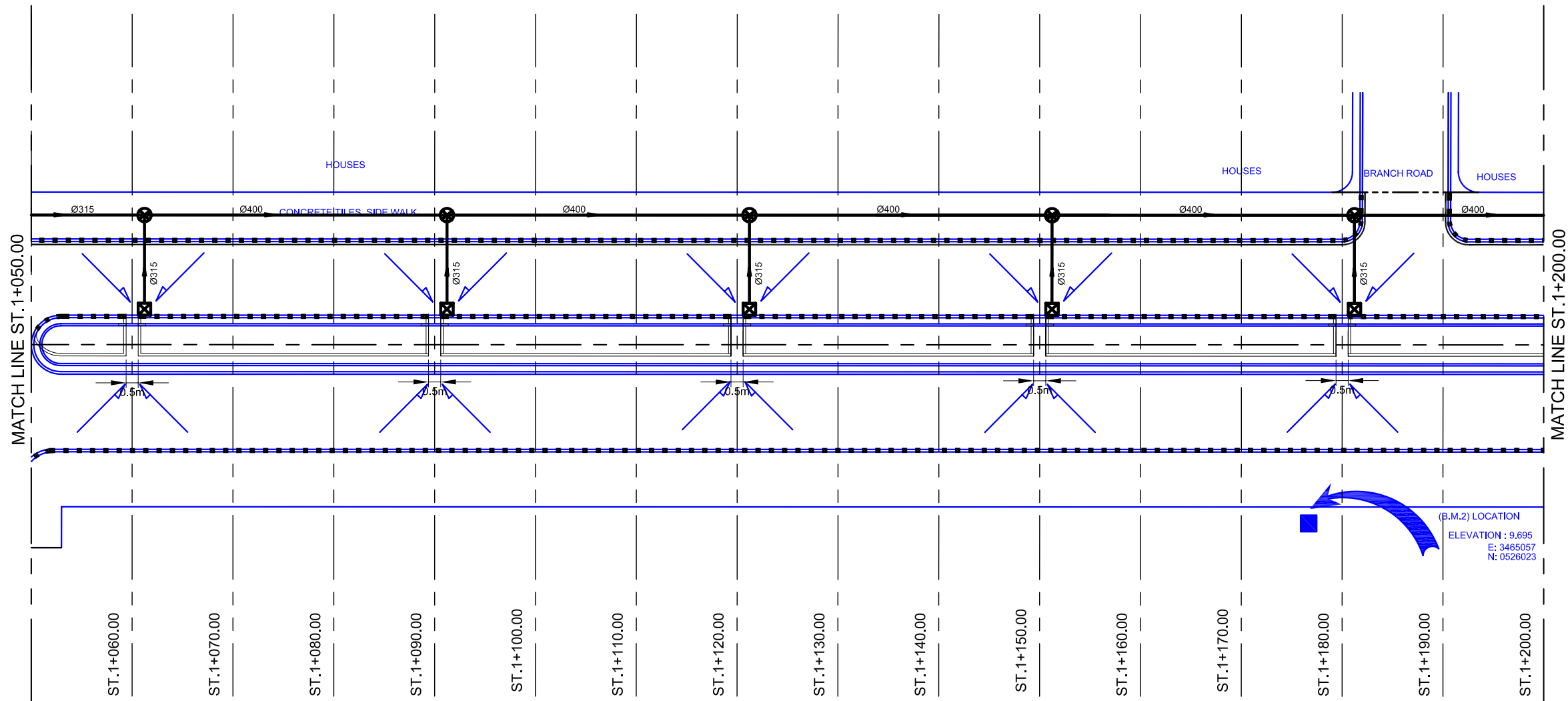
NOTE:
ALL THE EXISTING LAYOUTS ARE IN BLUE
ALL THE PROPOSED LAYOUT ARE IN BLACK

NOTE:
 UNLESS THE INVERT ELEVATION IS INDICATED ON THE DRAWING, THE INVERT ELEVATION OF NEW INLETS AND/OR MANHOLE SHOULD BE DECIDED ON SITE, BASED ON THE INVERT ELEVATION OF EXISTING INLETS & MANHOLE WITH A CONSIDERATION OF NEW PIPE GRADIENT OF MINIMUM 0.1%.

Owner: SAMAWAH MAYORALTY MUTHANNA GOVERNORATE REPUBLIC OF IRAQ	Consultant:	Client :	Project : REHABILITATION AND IMPROVEMENT OF THE ROADS AND ROAD SIDES IN SAMAWAH FOR SAMAWAH PROMENADE DEVELOPMENT PLAN	Drawing No. D-1	Rev:	Drawn by :
			Dwg Title: HOSPITAL STREET (PACKAGE 2) DRAINAGE SYSTEM LAYOUT (1-4)	Scale AS SHOWN	Date:	Checked by:



- LEGEND:
- EXISTING PIPE
 - EXISTING INLET
 - EXISTING INLET TO BE DEMOLISHED
 - EXISTING MANHOLE
 - NEW PIPE
 - NEW INLET
 - ⊗ NEW MANHOLE
 - REHABILITATION OF EXISTING CURB



NOTE:

ALL THE EXISTING LAYOUTS ARE IN BLUE
ALL THE PROPOSED LAYOUT ARE IN BLACK

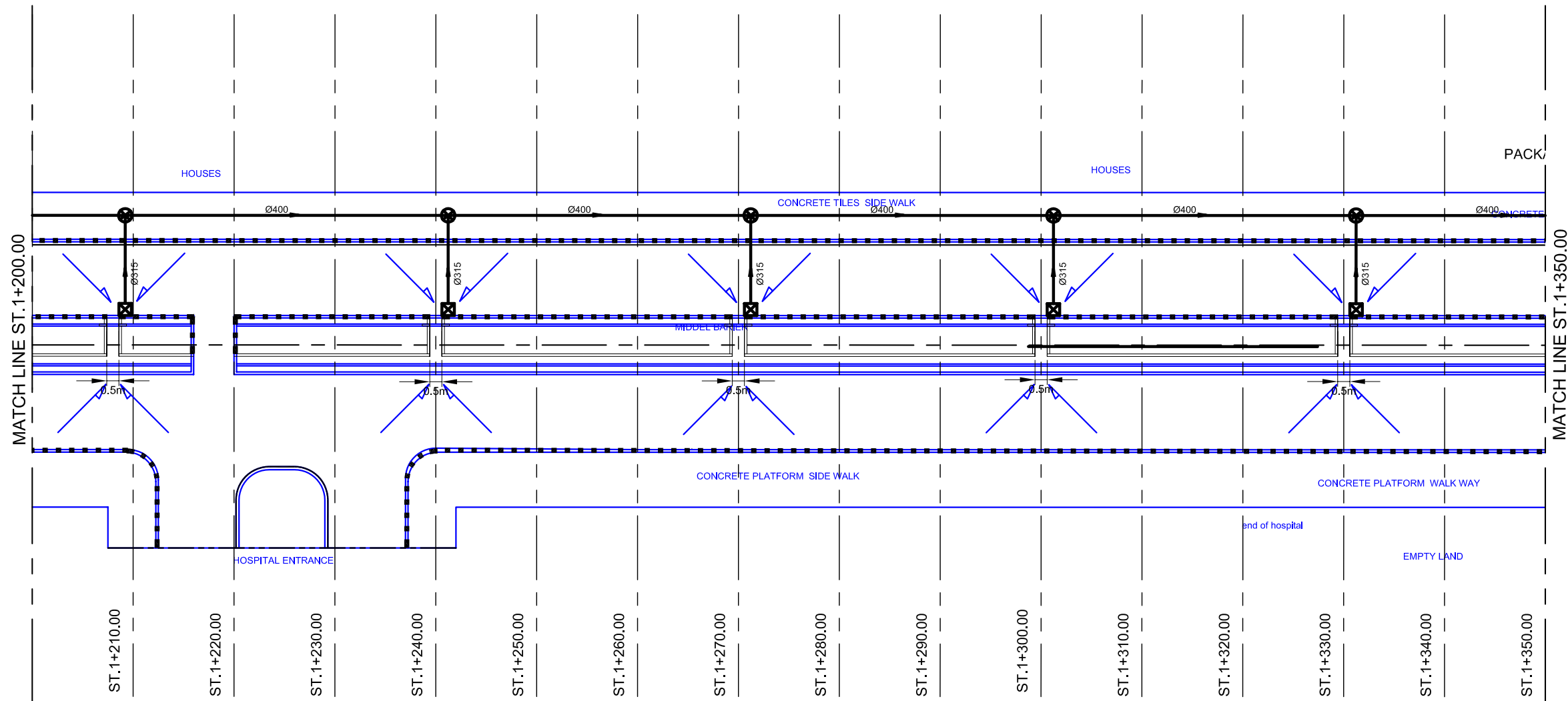
NOTE:

UNLESS THE INVERT ELEVATION IS INDICATED ON THE DRAWING, THE INVERT ELEVATION OF NEW INLETS AND/OR MANHOLE SHOULD BE DECIDED ON SITE, BASED ON THE INVERT ELEVATION OF EXISTING INLETS & MANHOLE WITH A CONSIDERATION OF NEW PIPE GRADIENT OF MINIMUM 0.1%.

Owner: SAMAWAH MAYORALTY MUTHANNA GOVERNORATE REPUBLIC OF IRAQ	Consultant:	Client :	Project : REHABILITATION AND IMPROVEMENT OF THE ROADS AND ROAD SIDES IN SAMAWAH FOR SAMAWAH PROMENADE DEVELOPMENT PLAN	Drawing No. D-2	Rev:	Drawn by :
			Dwg Title: HOSPITAL STREET (PACKAGE 2) DRAINAGE SYSTEM LAYOUT (2-4)	Scale AS SHOWN	Date:	Checked by:



- LEGEND:
- EXISTING PIPE
 - EXISTING INLET
 - EXISTING INLET TO BE DEMOLISHED
 - EXISTING MANHOLE
 - NEW PIPE
 - NEW INLET
 - ⊗ NEW MANHOLE
 - REHABILITATION OF EXISTING CURB



NOTE:

ALL THE EXISTING LAYOUTS ARE IN BLUE
ALL THE PROPOSED LAYOUT ARE IN BLACK

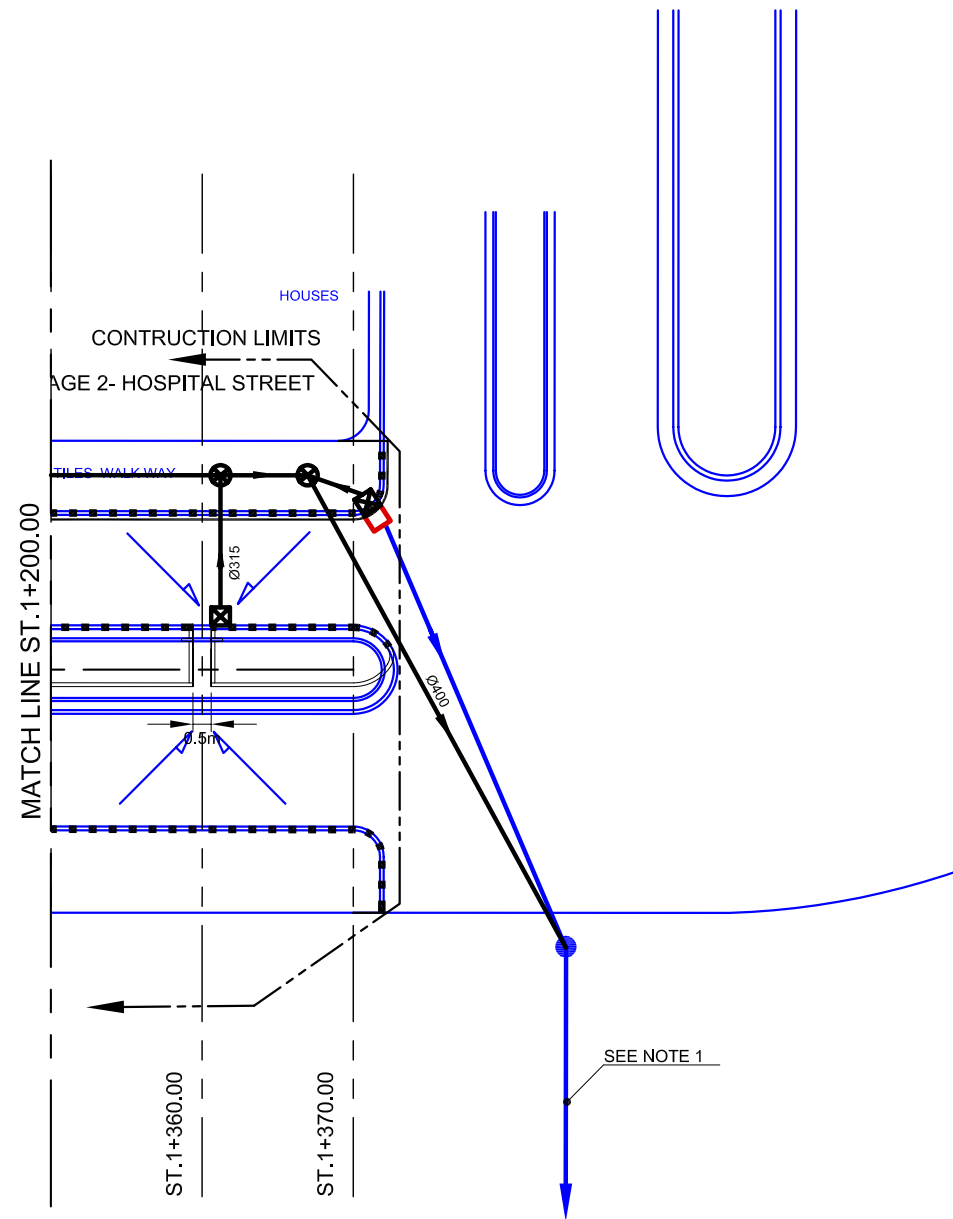
NOTE:

UNLESS THE INVERT ELEVATION IS INDICATED ON THE DRAWING, THE INVERT ELEVATION OF NEW INLETS AND/OR MANHOLE SHOULD BE DECIDED ON SITE, BASED ON THE INVERT ELEVATION OF EXISTING INLETS & MANHOLE WITH A CONSIDERATION OF NEW PIPE GRADIENT OF MINIMUM 0.1%.

Owner: SAMAWAH MAYORALTY MUTHANNA GOVERNORATE REPUBLIC OF IRAQ	Consultant:	Client :	Project : REHABILITATION AND IMPROVEMENT OF THE ROADS AND ROAD SIDES IN SAMAWAH FOR SAMAWAH PROMENADE DEVELOPMENT PLAN	Drawing No. D-3	Rev:	Drawn by :
			Dwg Title: HOSPITAL STREET (PACKAGE 2) DRAINAGE SYSTEM LAYOUT (3-4)	Scale AS SHOWN	Date:	Checked by:



- LEGEND:
- EXISTING PIPE
 - EXISTING INLET
 - EXISTING INLET TO BE DEMOLISHED
 - EXISTING MANHOLE
 - NEW PIPE
 - NEW INLET
 - NEW MANHOLE
 - REHABILITATION OF EXISTING CURB



NOTE:

ALL THE EXISTING LAYOUTS ARE IN BLUE
ALL THE PROPOSED LAYOUT ARE IN BLACK

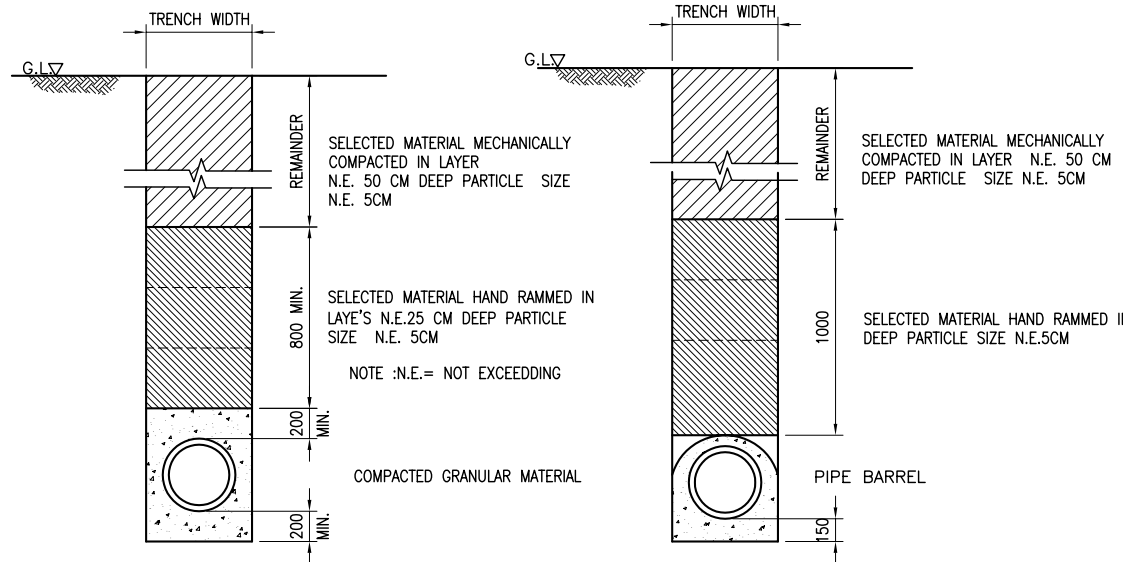
NOTE:

UNLESS THE INVERT ELEVATION IS INDICATED ON THE DRAWING, THE INVERT ELEVATION OF NEW INLETS AND/OR MANHOLE SHOULD BE DECIDED ON SITE, BASED ON THE INVERT ELEVATION OF EXISTING INLETS & MANHOLE WITH A CONSIDERATION OF NEW PIPE GRADIENT OF MINIMUM 0.1%.

Owner: SAMAWAH MAYORALTY MUTHANNA GOVERNORATE REPUBLIC OF IRAQ	Consultant:	Client:	Project: REHABILITATION AND IMPROVEMENT OF THE ROADS AND ROAD SIDES IN SAMAWAH FOR SAMAWAH PROMENADE DEVELOPMENT PLAN	Drawing No. D-4	Rev:	Drawn by:
			Dwg Title: HOSPITAL STREET (PACKAGE 2) DRAINAGE SYSTEM LAYOUT (4-4)	Scale AS SHOWN	Date:	Checked by:

SPECIFIED SCHEDULE OF BACKFILLING OF PIPE EXCAVATIONS

SCALE 1:50

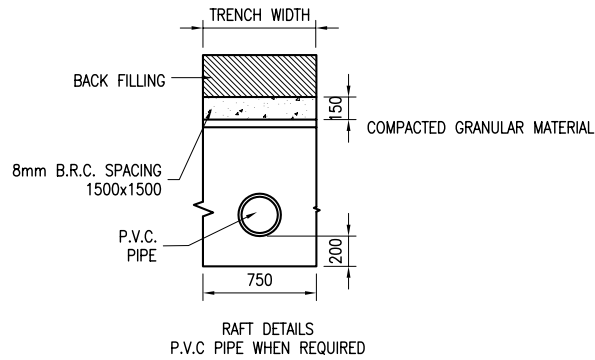


METHOD A

TRENCH OVER PIPE LAID WITHOUT CONCRETE PROTECTION

METHOD B

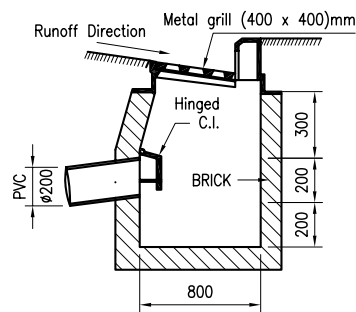
TRENCH OVER PIPE LAID WITH CONCRETE PROTECTION (BEDDING HAUNCHING & COMPLETE SURROUND)



RAFT DETAILS
P.V.C PIPE WHEN REQUIRED

COMPACTED GRANULAR MATERIAL

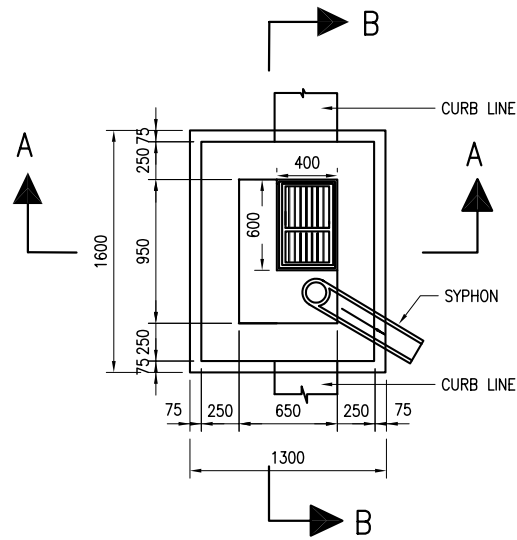
MIXTURE OF COARSE SANDS AND GRAVELS WITH MAX PARTICALE SIZE OF 20MM INCLUDING VARIOUSLY GRADED SANDS AND GRAVELS CONTAINING SMALL PERCENTAGES OF FINE GENERALLY GRANULAR AND NON COHESIVE EITHER WET OR DRY



Detail of Squared Catch Basin (Inlet) 800x800 –Type B

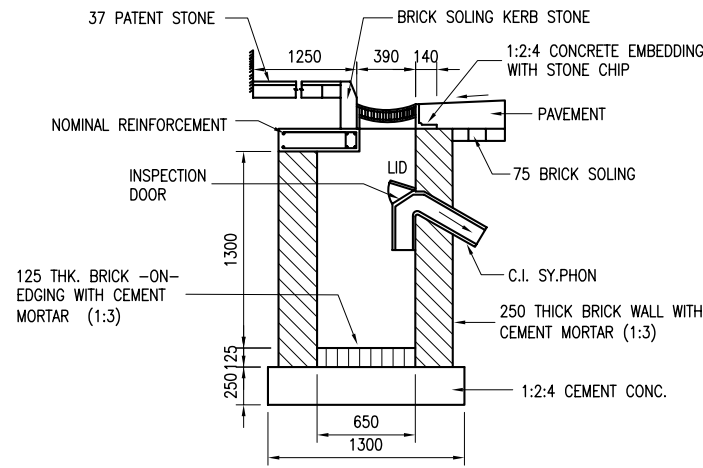
CATCH BASIN (INLET)

PLAN
SCALE 1:50



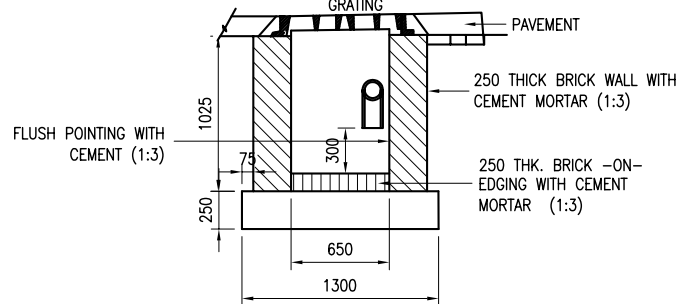
SECTION A-A

SCALE 1:50



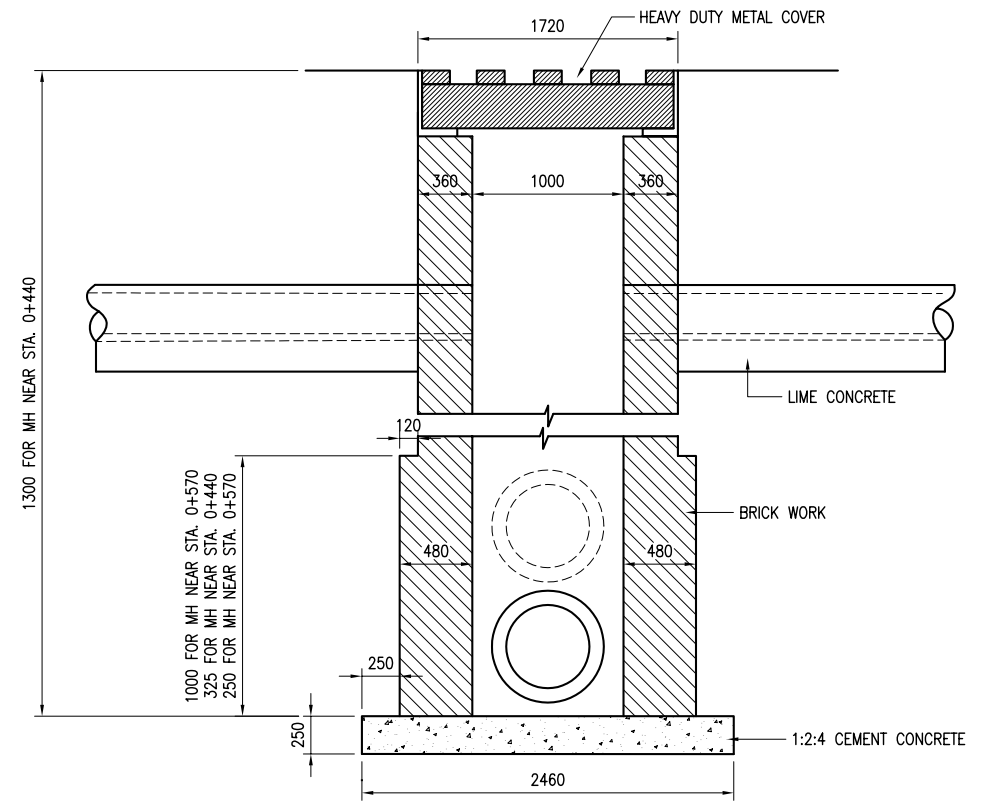
SECTION B-B

SCALE 1:50



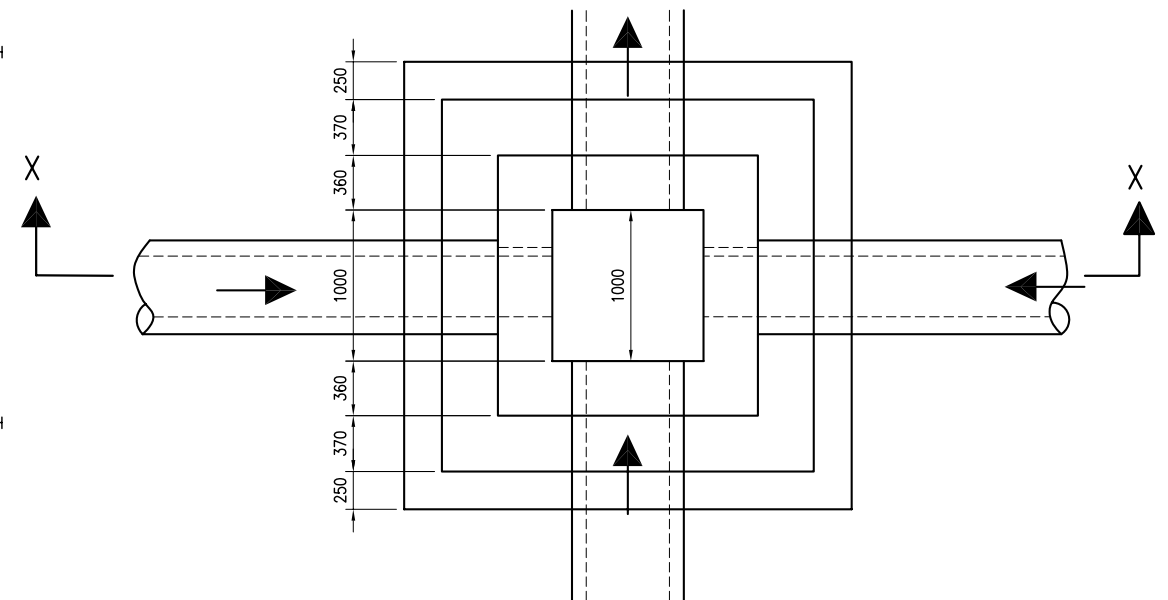
MANHOLE DETAIL

SECTION X-X
SCALE 1:50



NOTE:
THE CROWN LEVEL OF THE OUTLET PIPE SHOULD BE THE INVERT OF THE LOWEST INLET PIPE

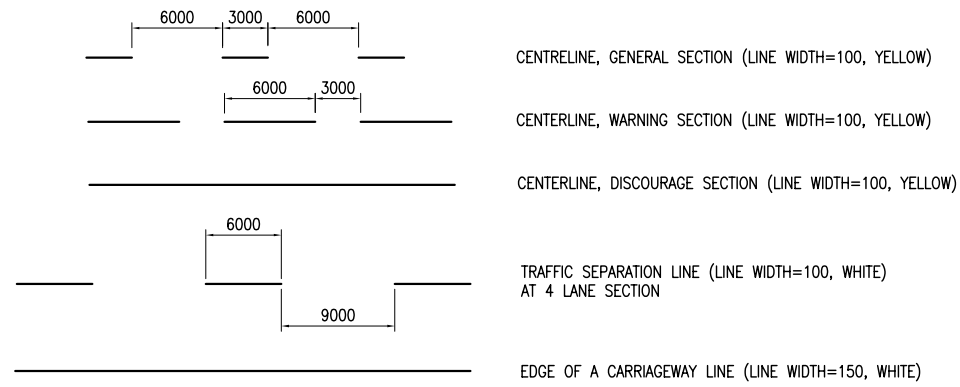
PLAN
SCALE 1:50



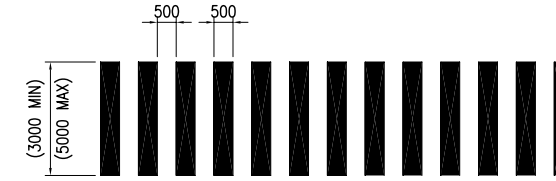
Owner: SAMAWAH MAYORALTY MUTHANNA GOVERNORATE REPUBLIC OF IRAQ	Consultant:	Client :	Project : REHABILITATION AND IMPROVEMENT OF THE ROADS AND ROAD SIDES IN SAMAWAH FOR SAMAWAH PROMENADE DEVELOPMENT PLAN	Drawing No. D-5	Rev:	Drawn by :
			Dwg Title: HOSPITAL STREET (PACKAGE 2) DETAIL OF INLET, MANHOLE AND BACKFILLING METHOD OF PIPE EXCAVATION	Scale AS SHOWN	Date:	Checked by:

ROAD MARKING DETAILS

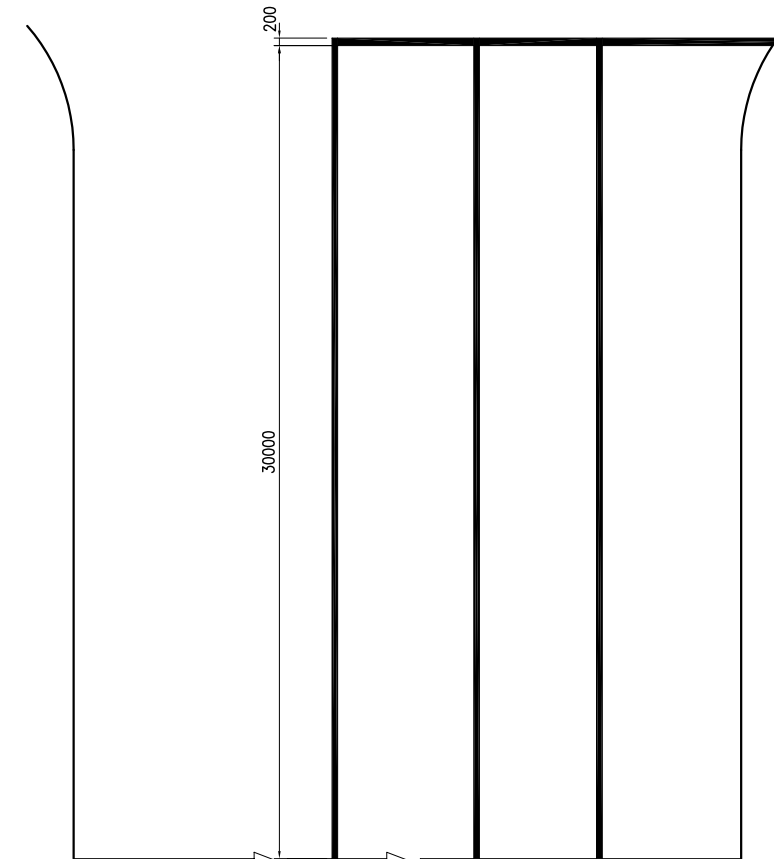
LINE MARKINGS



PEDESTRIAN CROSSING MARKING



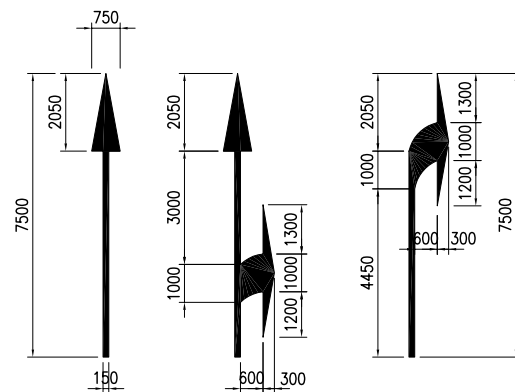
STOP LINE MARKING



ZEBRA MARKING

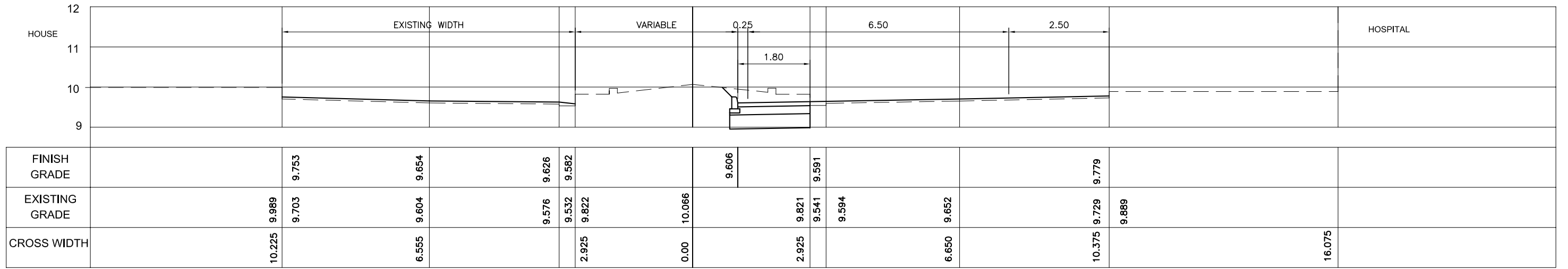


ARROWS

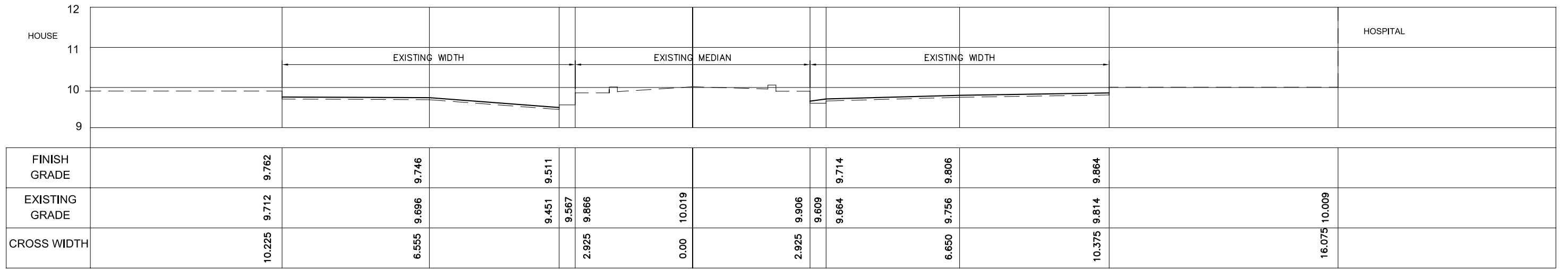


H:\SAMAWAH\JUNE 16, 2005\PACKAGE 2\ROAD MARKING DETAILS.DWG Marking Jun 18, 2005-4:18 PM

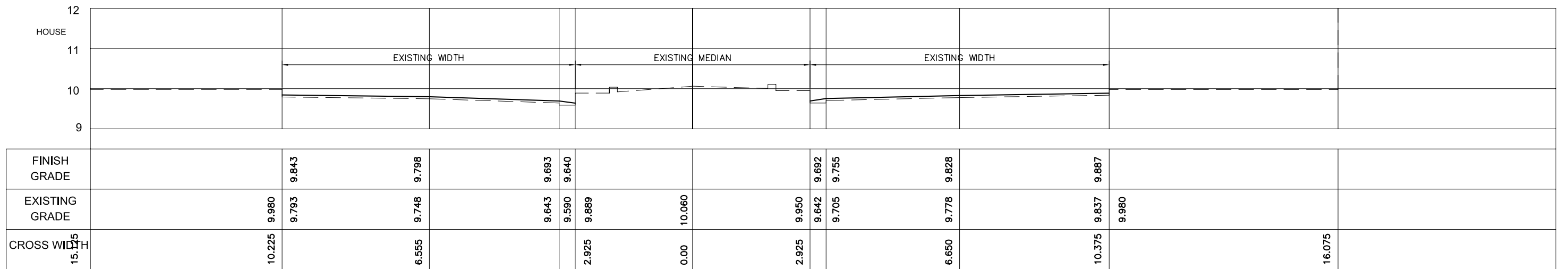
Owner: SAMAWAH MAYORALTY MUTHANNA GOVERNORATE REPUBLIC OF IRAQ	Consultant:	Client :	Project : REHABILITATION AND IMPROVEMENT OF THE ROADS AND ROAD SIDES IN SAMAWAH FOR SAMAWAH PROMENADE DEVELOPMENT PLAN	Drawing No. E-1	Rev:	Drawn by :
			Dwg Title: HOSPITAL STREET (PACKAGE-2) ROAD MARKING DETAILS	Scale AS SHOWN	Date:	Checked by:



STA. 1+100



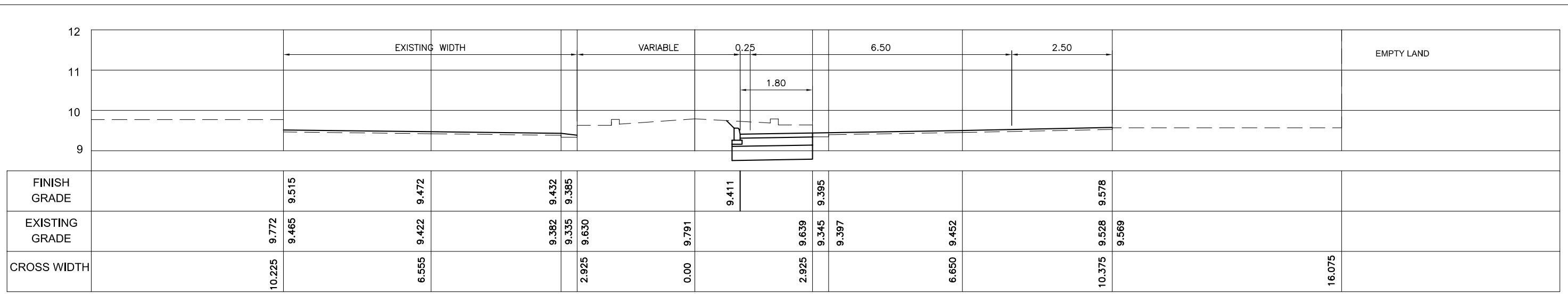
STA. 1+000



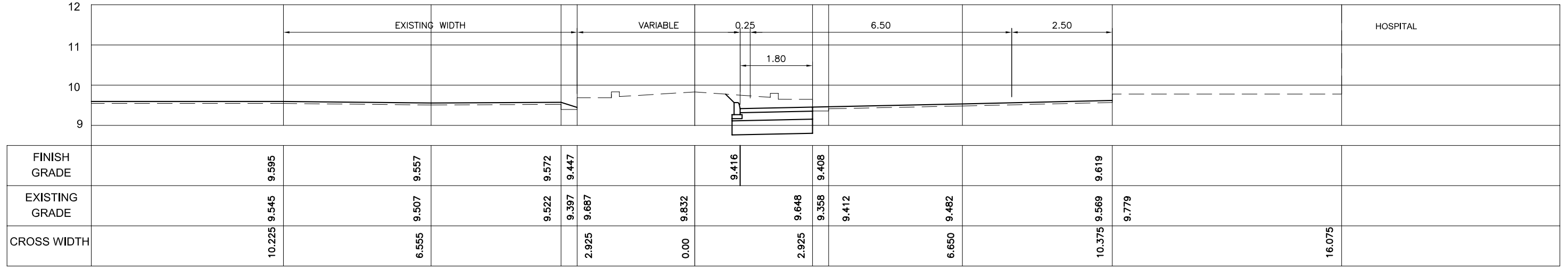
STA. 0+940

Owner: SAMAWAH MAYORALTY MUTHANNA GOVERNORATE REPUBLIC OF IRAQ	Consultant:	Client :	Project :	Drawing No.	Rev:	Drawn by :
			Dwg Title:	Scale	Date:	Checked by:
			REHABILITATION AND IMPROVEMENT OF THE ROADS AND ROAD SIDES IN SAMAWAH FOR SAMAWAH PROMENADE DEVELOPMENT PLAN	E-2		
			HOSPITAL STREET (PACKAGE-2) CROSS SECTION (1/2)	1:100		

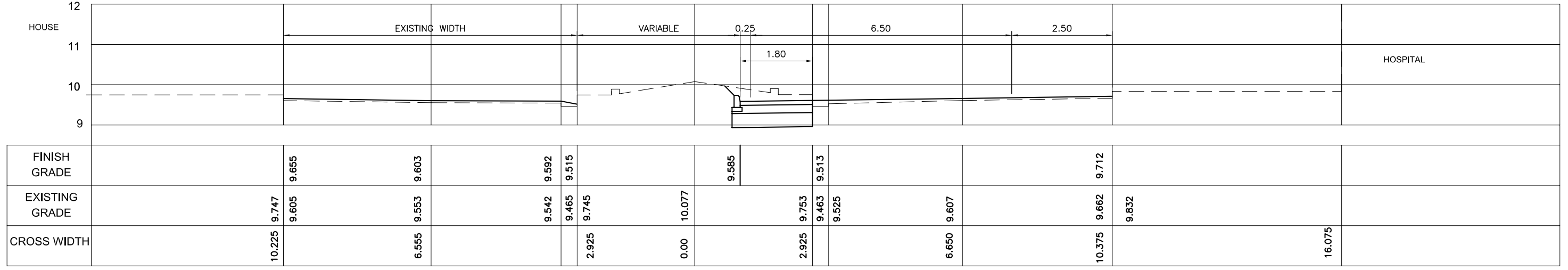
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STA. 1+360

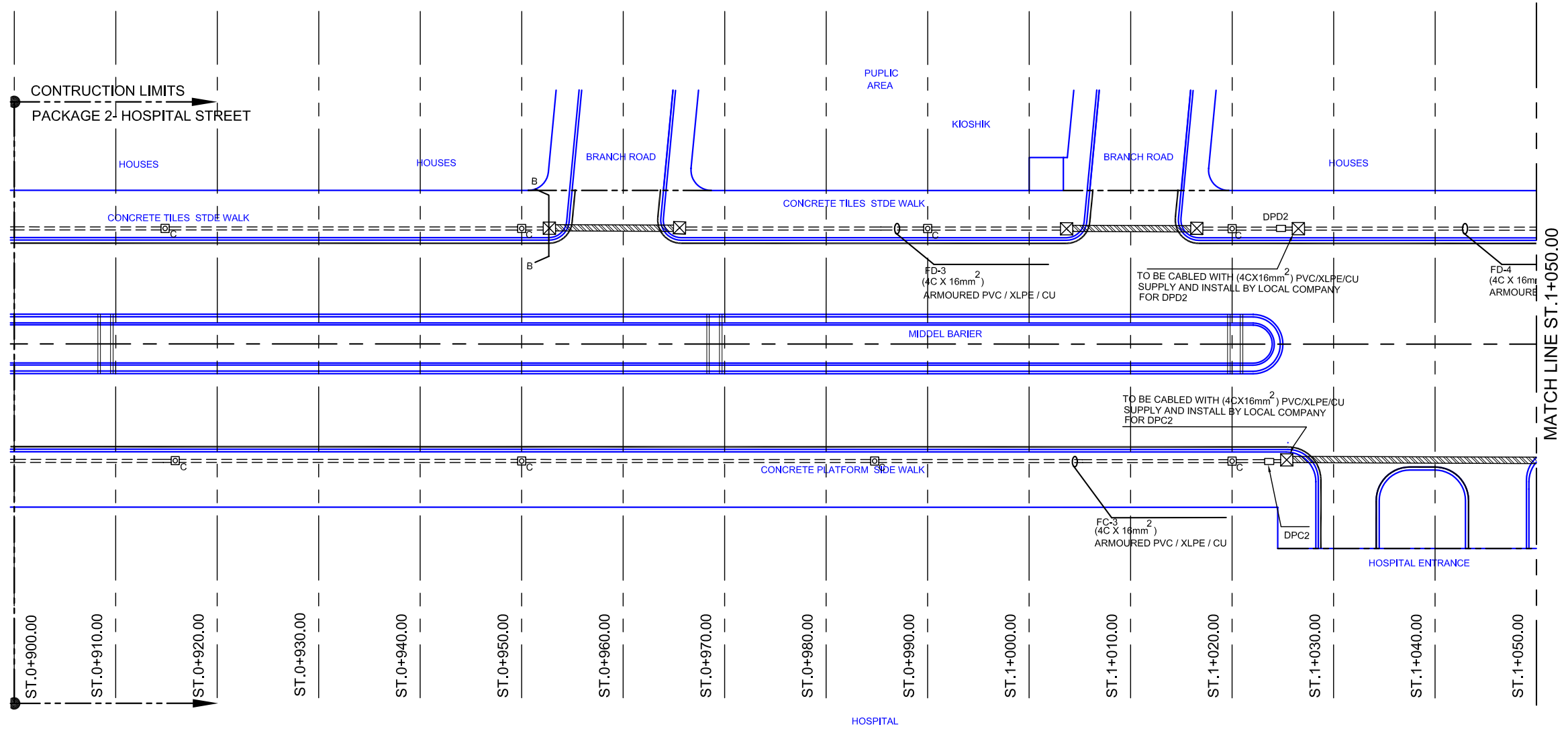


STA. 1+300



STA. 1+200

Owner: SAMAWAH MAYORALTY MUTHANNA GOVERNORATE REPUBLIC OF IRAQ	Consultant:	Client :	Project : REHABILITATION AND IMPROVEMENT OF THE ROADS AND ROAD SIDES IN SAMAWAH FOR SAMAWAH PROMENADE DEVELOPMENT PLAN	Drawing No. E-3	Rev:	Drawn by :
			Dwg Title: HOSPITAL STREET (PACKAGE-2) CROSS SECTION (2/2)	Scale 1:100	Date:	Checked by:

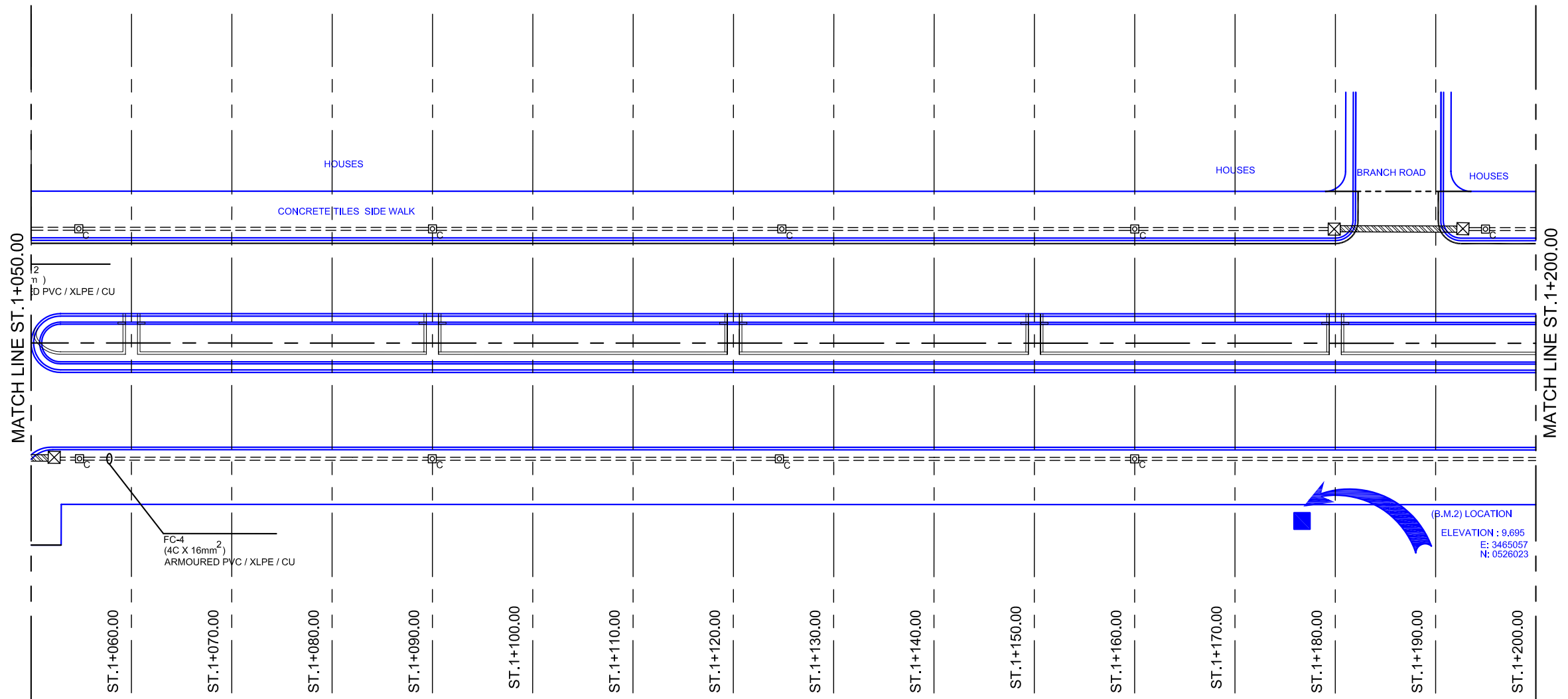


	LIGHTING TYPE-C
	MANHOLE
	DISTRIBUTION PANEL
	CONDUIT EXPOSED
	DUCT
	CABLE TRENCH
	CABLE MARKER

NOTE:

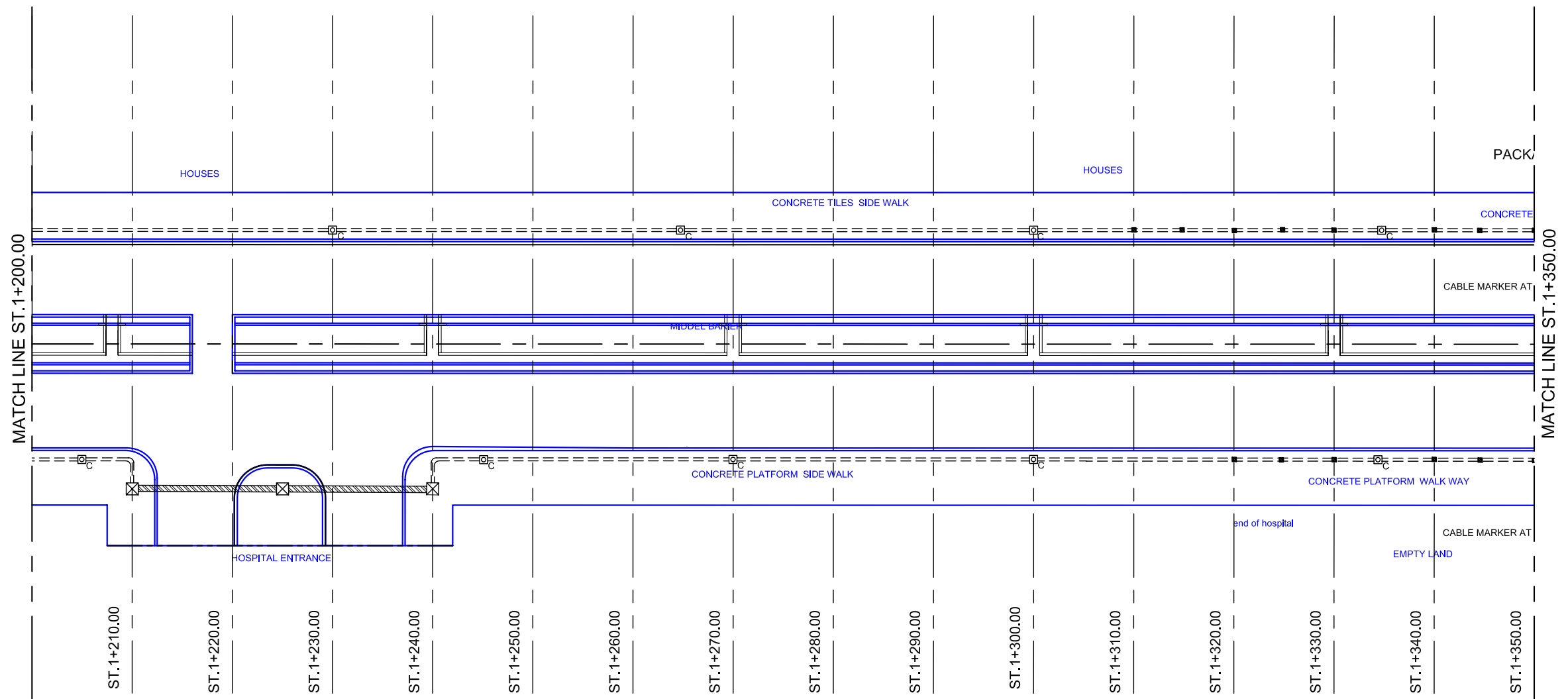
Cabling with connection work in DPD2 and DPC2 shall be excluded. (Approx. Length 130m)
 Piping from ST.0+900 to ST.0+950 (manhole at ST.0+950) and to ST.1+025(DPC2 at ST.1+025) shall be excluded to this project.

Owner: SAMAWAH MAYORALTY MUTHANNA GOVERNORATE REPUBLIC OF IRAQ	Consultant:	Client :	Project : REHABILITATION AND IMPROVEMENT OF THE ROADS AND ROAD SIDES IN SAMAWAH FOR SAMAWAH PROMENADE DEVELOPMENT PLAN	Drawing No. F-1	Rev:	Drawn by :
			Dwg Title: HOSPITAL STREET (PACKAGE 2) STREET LIGHTING LAYOUT (1-4)	Scale AS SHOWN	Date:	Checked by:



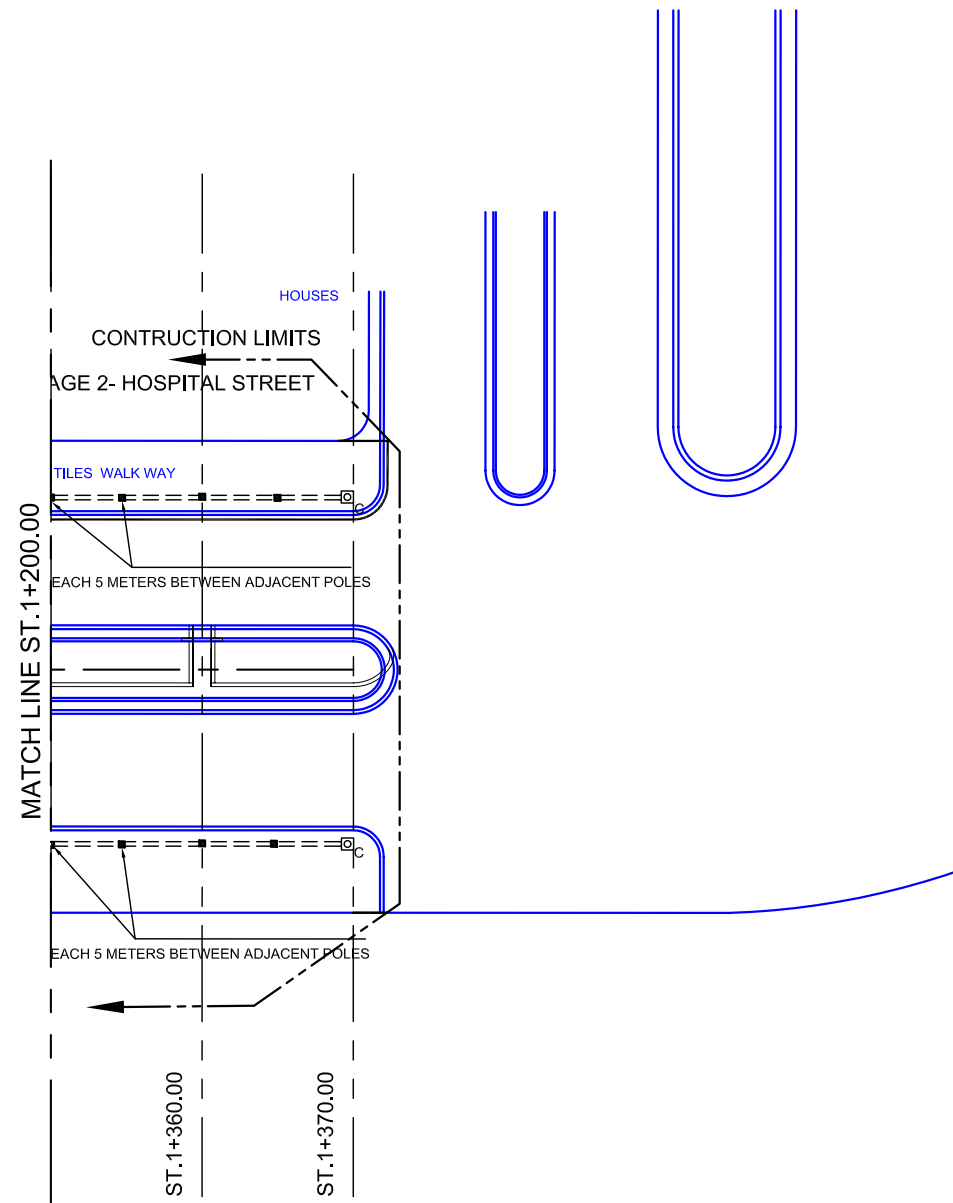
	LIGHTING TYPE-C
	MANHOLE
	DISTRIBUTION PANEL
	CONDUIT EXPOSED
	DUCT
	CABLE TRENCH
	CABLE MARKER

Owner: SAMAWAH MAYORALTY MUTHANNA GOVERNORATE REPUBLIC OF IRAQ	Consultant:	Client :	Project : REHABILITATION AND IMPROVEMENT OF THE ROADS AND ROAD SIDES IN SAMAWAH FOR SAMAWAH PROMENADE DEVELOPMENT PLAN	Drawing No. F-2	Rev:	Drawn by :
			Dwg Title: HOSPITAL STREET (PACKAGE 2) STREET LIGHTING LAYOUT (2-4)	Scale AS SHOWN	Date:	Checked by:



	LIGHTING TYPE-C
	MANHOLE
	DISTRIBUTION PANEL
	CONDUIT EXPOSED
	DUCT
	CABLE TRENCH
	CABLE MARKER

Owner: SAMAWAH MAYORALTY MUTHANNA GOVERNORATE REPUBLIC OF IRAQ	Consultant:	Client :	Project : REHABILITATION AND IMPROVEMENT OF THE ROADS AND ROAD SIDES IN SAMAWAH FOR SAMAWAH PROMENADE DEVELOPMENT PLAN	Drawing No. F-3	Rev:	Drawn by :
			Dwg Title: HOSPITAL STREET (PACKAGE 2) STREET LIGHTING LAYOUT (3-4)	Scale AS SHOWN	Date:	Checked by:



	LIGHTING TYPE-C
	MANHOLE
	DISTRIBUTION PANEL
	CONDUIT EXPOSED
	DUCT
	CABLE TRENCH
	CABLE MARKER

Owner:
SAMAWAH MAYORALTY
MUTHANNA GOVERNORATE
REPUBLIC OF IRAQ

Consultant:

Client :

Project : REHABILITATION AND IMPROVEMENT OF THE ROADS AND ROAD SIDES IN SAMAWAH FOR SAMAWAH PROMENADE DEVELOPMENT PLAN
Dwg Title: HOSPITAL STREET (PACKAGE 2) STREET LIGHTING LAYOUT (4-4)

Drawing No. F-4
Scale AS SHOWN

Rev:
Date:

Drawn by :
Checked by: