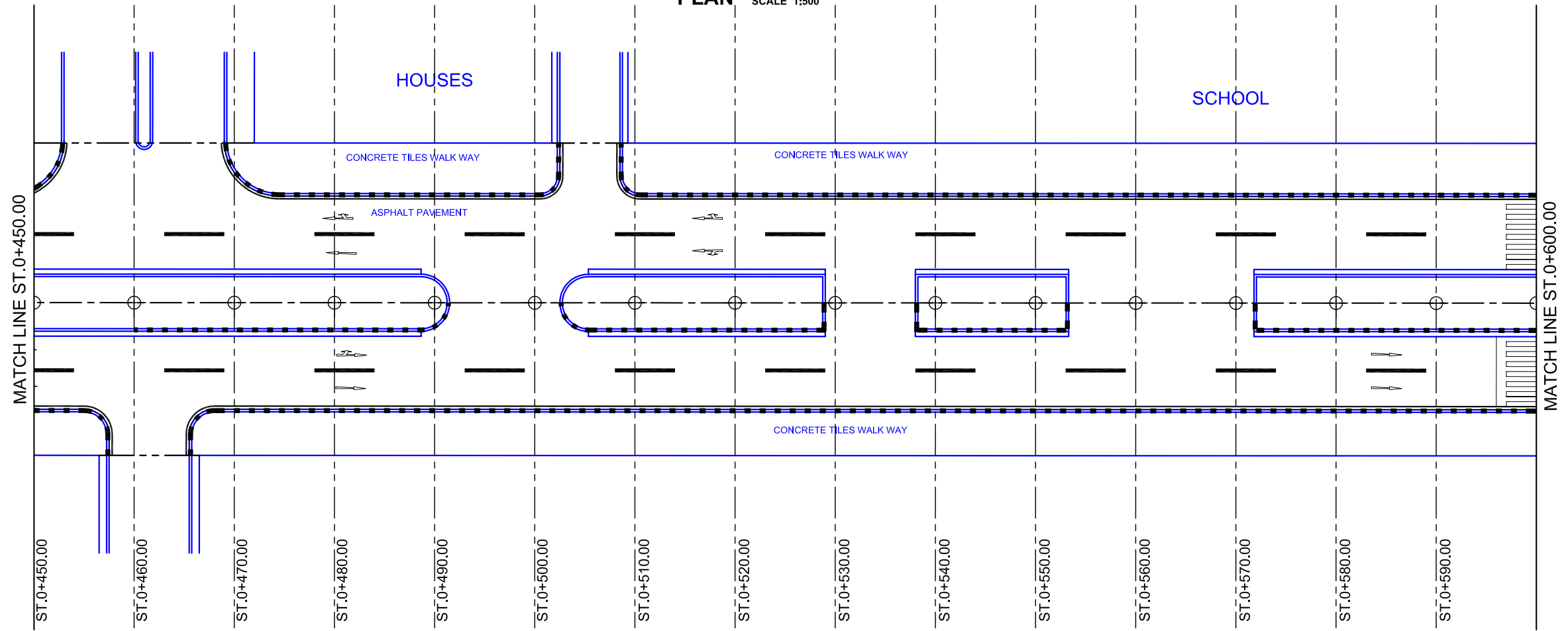


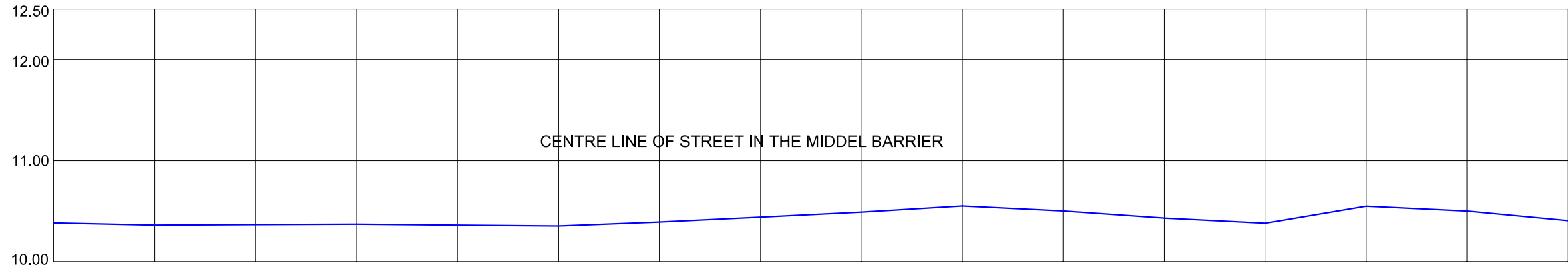


PLAN SCALE 1:500



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

PROFILE



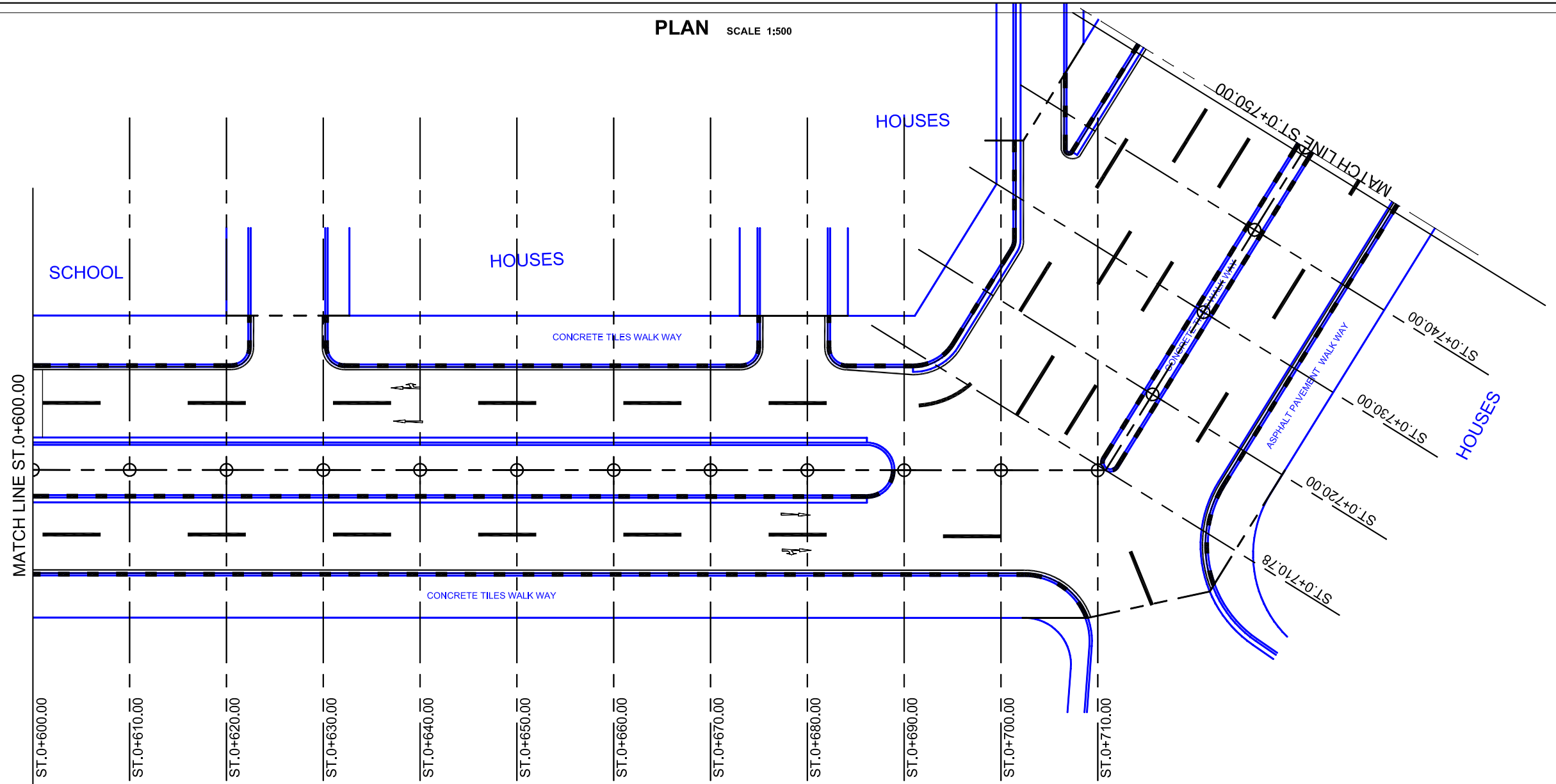
F.F.L.	-	-	-	-	-	10.402	-	-	10.540	-	-	10.480	10.430	-	-	-	
C.L. ELEVATION	10.383	10.361	10.366	10.370	10.361	10.352	10.391	10.439	10.490	10.551	10.501	10.430	10.380	10.549	10.500	10.405	
C.L. COORDINATE (U.T.M. SYSTEM)	N:	0526635	0526626	0526618	0526610	0526602	0526594	0526582	0526578	0526570	0526562	0526555	0526547	0526539	0526530	0526522	0526515
	E:	3464517	3464510	3464505	3464500	3464494	3464486	3464481	3464475	3464468	3464462	3464456	3464450	3464442	3464438	3464432	3464425
STATION		0+450.00	0+460.00	0+470.00	0+480.00	0+490.00	0+500.00	0+510.00	0+520.00	0+530.00	0+540.00	0+550.00	0+560.00	0+570.00	0+580.00	0+590.00	0+600.00

PROFILE SECTION OF CIVIL DEFENCE STREET (450.00 - 600.00)m

H:\SAMAWAH\JUNE 18, 2005\GIRLS SCHOOL ROAD\03) C PLAN & PROFILE (GIRLS SCHOOL) DWG (4) Jun 18, 2005 8:55 AM

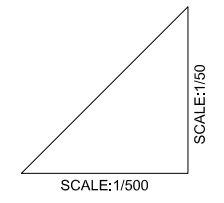
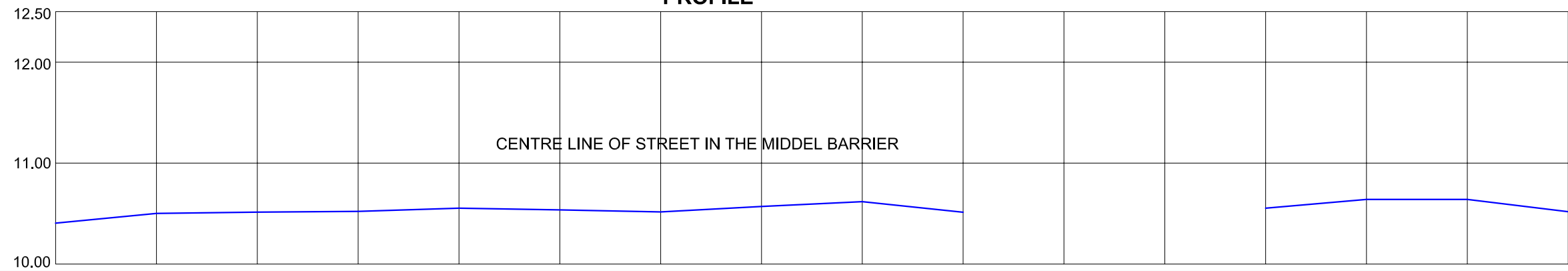
Owner: SAMAWAH MAYORALTY MUTHANNA GOVERNORATE REPUBLIC OF IRAQ	Consultant:	Client :	Project : REHABILITATION AND IMPROVEMENT OF THE ROADS AND ROAD SIDES IN SAMAWAH FOR SAMAWAH PROMENADE DEVELOPMENT PLAN	Drawing No. C-4	Rev:	Drawn by :
			Dwg Title: GIRLS SCHOOL STREET PLAN & PROFILE (4-6)	Scale AS SHOWN	Date:	Checked by:

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

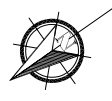


F.F.L.	-	-	-	-	-	-	-	-	-	-	10.563	Non	Non	-	-	-	
C.L. ELEVATION	10.405	10.501	10.514	10.521	10.553	10.536	10.516	10.570	10.618	10.513	10.513	Non	Non	10.553	10.564	10.564	10.518
C.L. COORDINATE (U.T.M. SYSTEM)	N:	0526515	0526508	0526501	0526491	0526484	0526476	0526468	0526460	0526453	0526449	0526449	0526432	0526429	0526426	0526425	0526425
	E:	3464425	3464420	3464415	3464408	3464401	3464394	3464387	3464382	3464376	3464368	3464368	3464354	3464344	3464336	3464323	3464313
STATION	0+600.00	0+610.00	0+620.00	0+630.00	0+640.00	0+650.00	0+660.00	0+670.00	0+680.00	0+690.00	0+700.00	0+710.00	0+720.00	0+730.00	0+740.00	0+750.00	

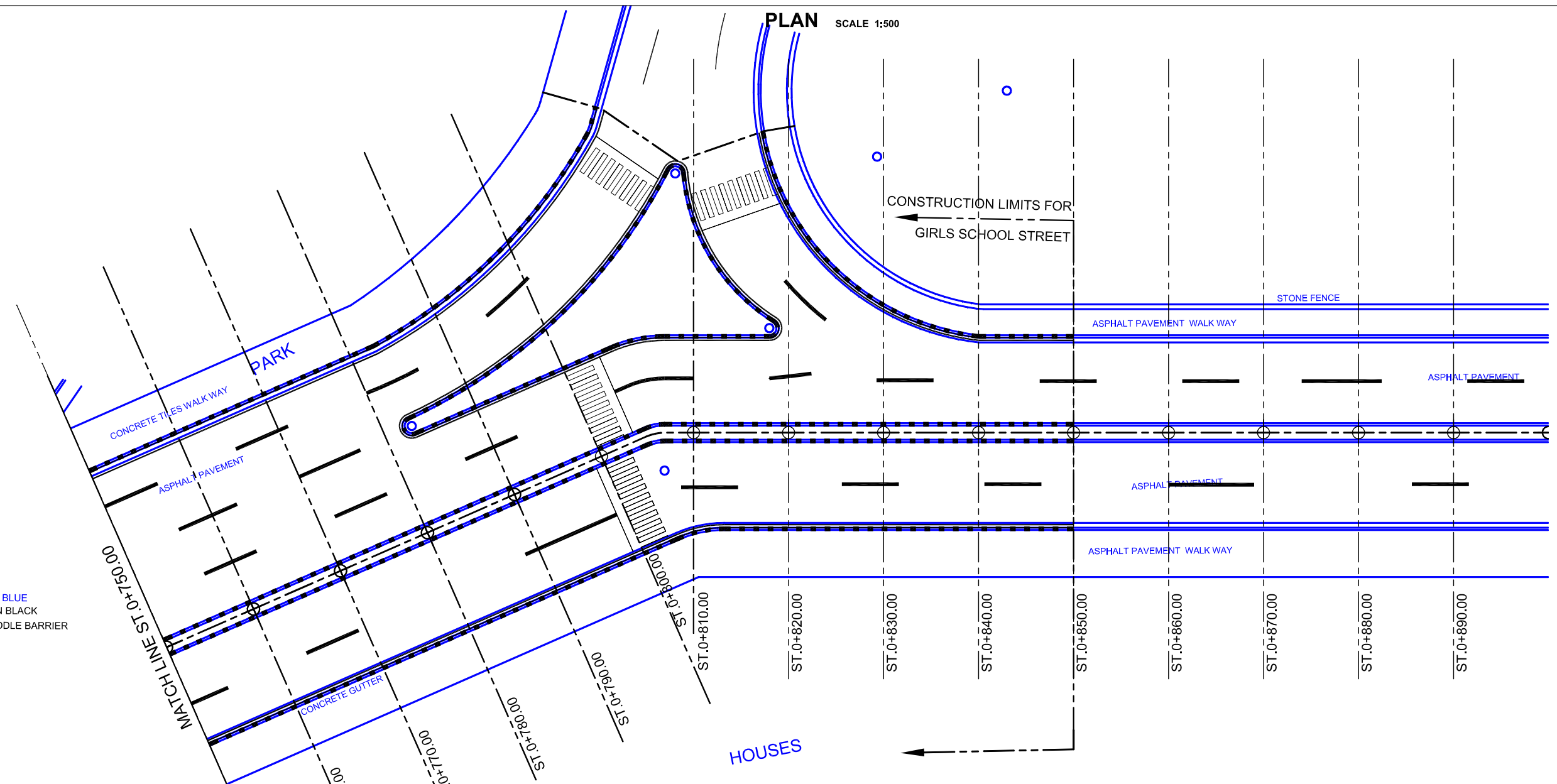
PROFILE SECTION OF CIVIL DEFENCE STREET (600.00 - 750.00)m

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-5	Rev.:	Drawn by :
			Dwg Title: GIRLS SCHOOL STREET PLAN & PROFILE (5-6)	Scale: AS SHOWN	Date:	Checked by:

H:\SAMAWAH\JUNE 18, 2005\GIRLS SCHOOL ROAD\03) C PLAN & PROFILE (GIRLS SCHOOL)DWG (5) Jun 18, 2005 8:55 AM

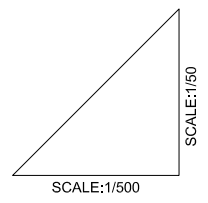
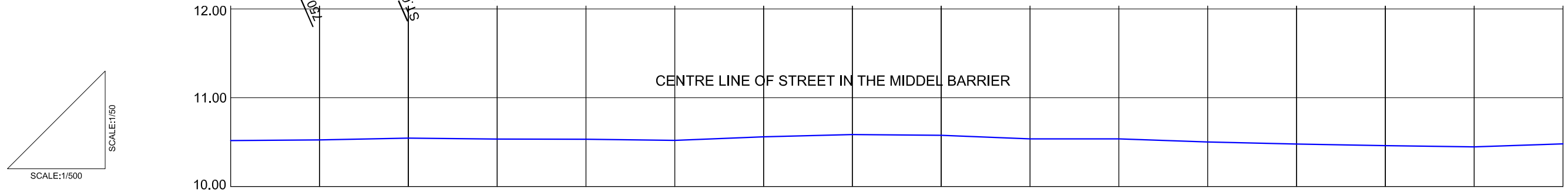


PLAN SCALE 1:500



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

PROFILE



F.F.L.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C.L. ELEVATION	10.518	10.525	10.545	10.534	10.532	10.520	10.560	10.585	10.577	10.537	10.537	10.502	10.478	10.460	10.447	10.481
C.L. COORDINATE (U.T.M. SYSTEM)	N:	0526425	0526425	0526423	0526423	0526423	0526423	0526422	0526421	0526418	0526415	0526413	0526411	0526410	0526407	0526404
	E:	3464313	3464303	3464290	3464283	3464270	3464263	3464252	3464242	3464233	3464225	3464216	3464207	3464197	3464190	3464168
STATION	0+750.00	0+760.00	0+770.00	0+780.00	0+790.00	0+800.00	0+810.00	0+820.00	0+830.00	0+840.00	0+850.00	0+860.00	0+870.00	0+880.00	0+890.00	0+900.00

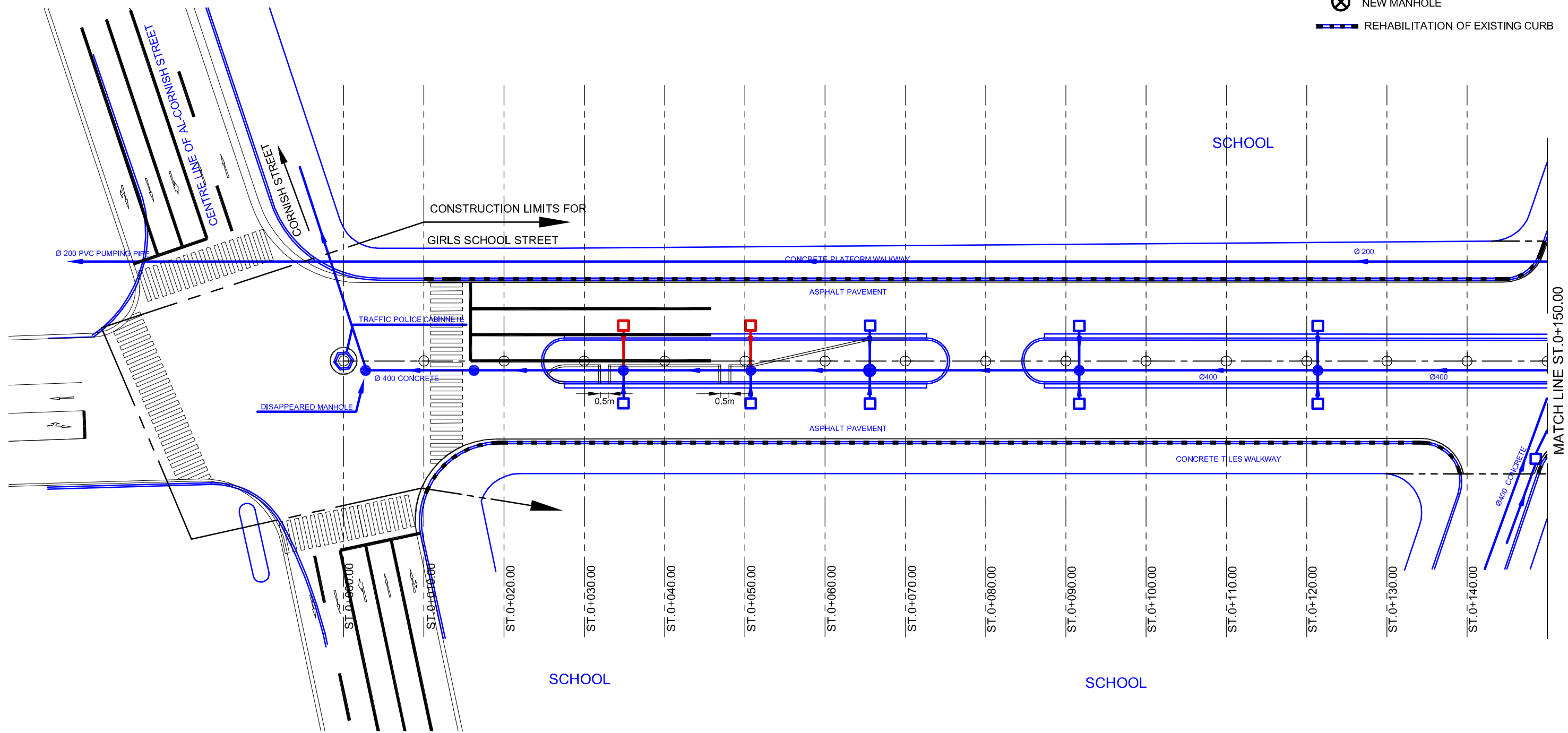
PROFILE SECTION OF CIVIL DEFENCE STREET (750.00 - 900.00)m

H:\SAMAWAH\JUNE 18, 2005\GIRLS SCHOOL ROAD\03\ C PLAN & PROFILE (GIRLS SCHOOL)DWG (6). Jun 18, 2005-10:20 AM

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-6	Rev:	Drawn by :
			Dwg Title: GIRLS SCHOOL STREET PLAN & PROFILE (6-6)	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



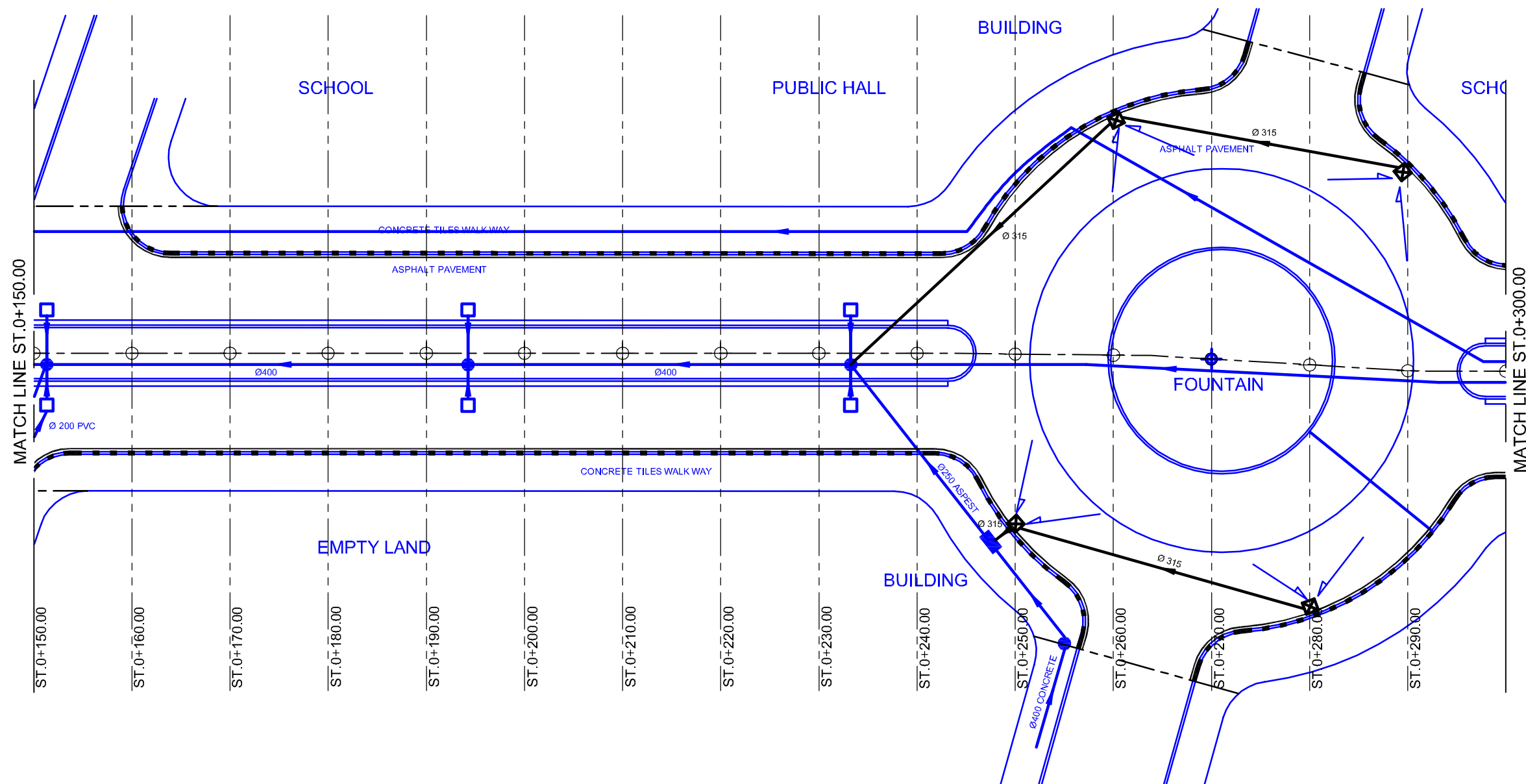
NOTE:
 ALL THE EXISTING LAYOUTS ARE IN BLUE
 ALL THE PROPOSED LAYOUT ARE IN BLACK

I:\SAMAWAH\JUNE 18, 2005\GIRLS SCHOOL ROAD (04) DRAINAGE SYSTEM (GIRLS SCH).DWG (1) Jun 18, 2005 5:22 AM

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: GIRLS SCHOOL STREET DRAINAGE SYSTEM LAYOUT (1-6)	Drawing No. D-1	Rev:	Drawn by :
			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



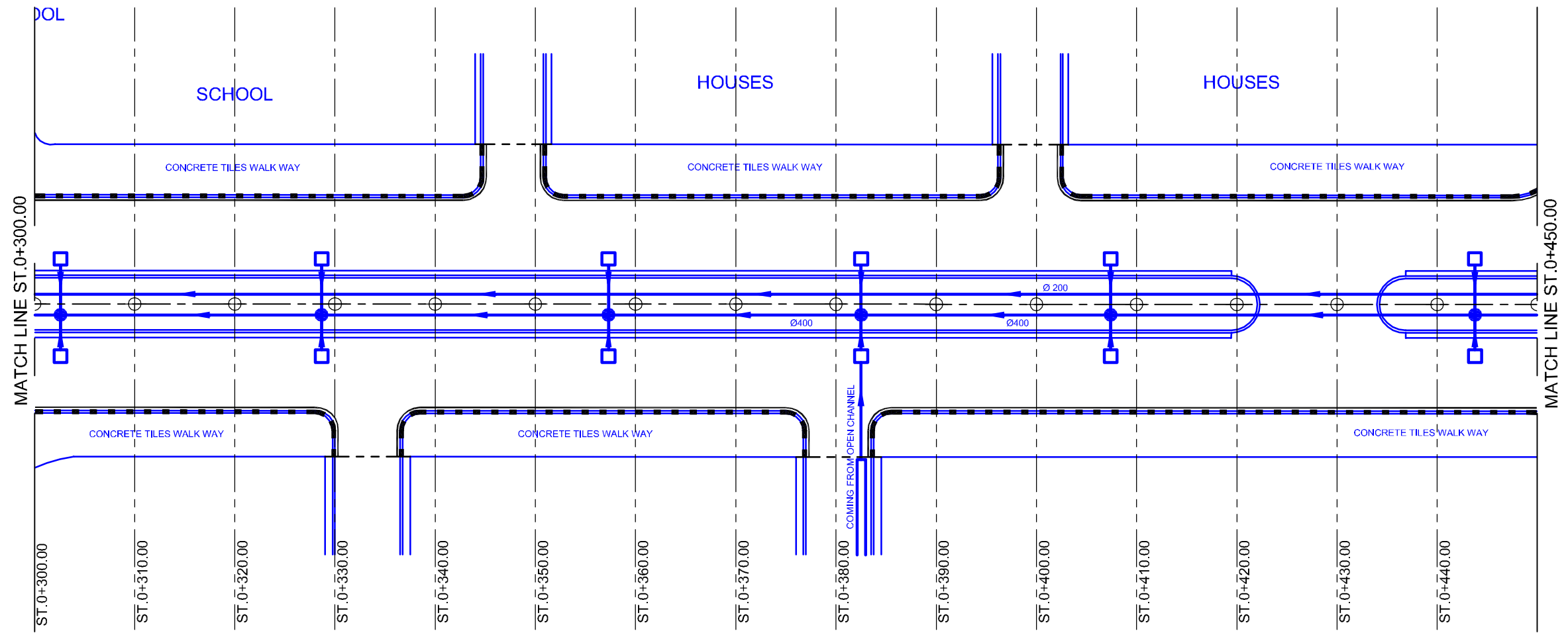
NOTE:

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

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: GIRLS SCHOOL STREET DRAINAGE SYSTEM LAYOUT (2-6)	Drawing No. D-2	Rev:	Drawn by :
			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



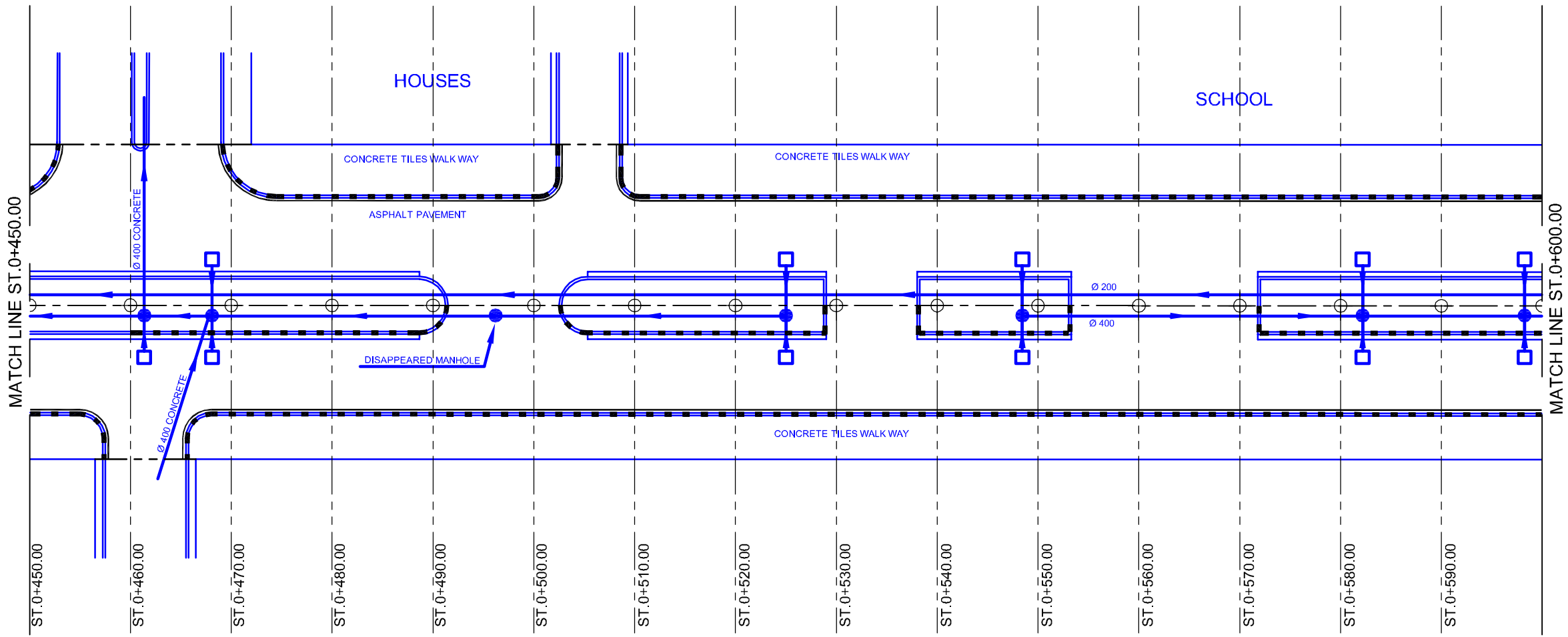
NOTE:

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

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: GIRLS SCHOOL STREET DRAINAGE SYSTEM LAYOUT (3-6)	Drawing No. D-3	Rev:	Drawn by :
			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:

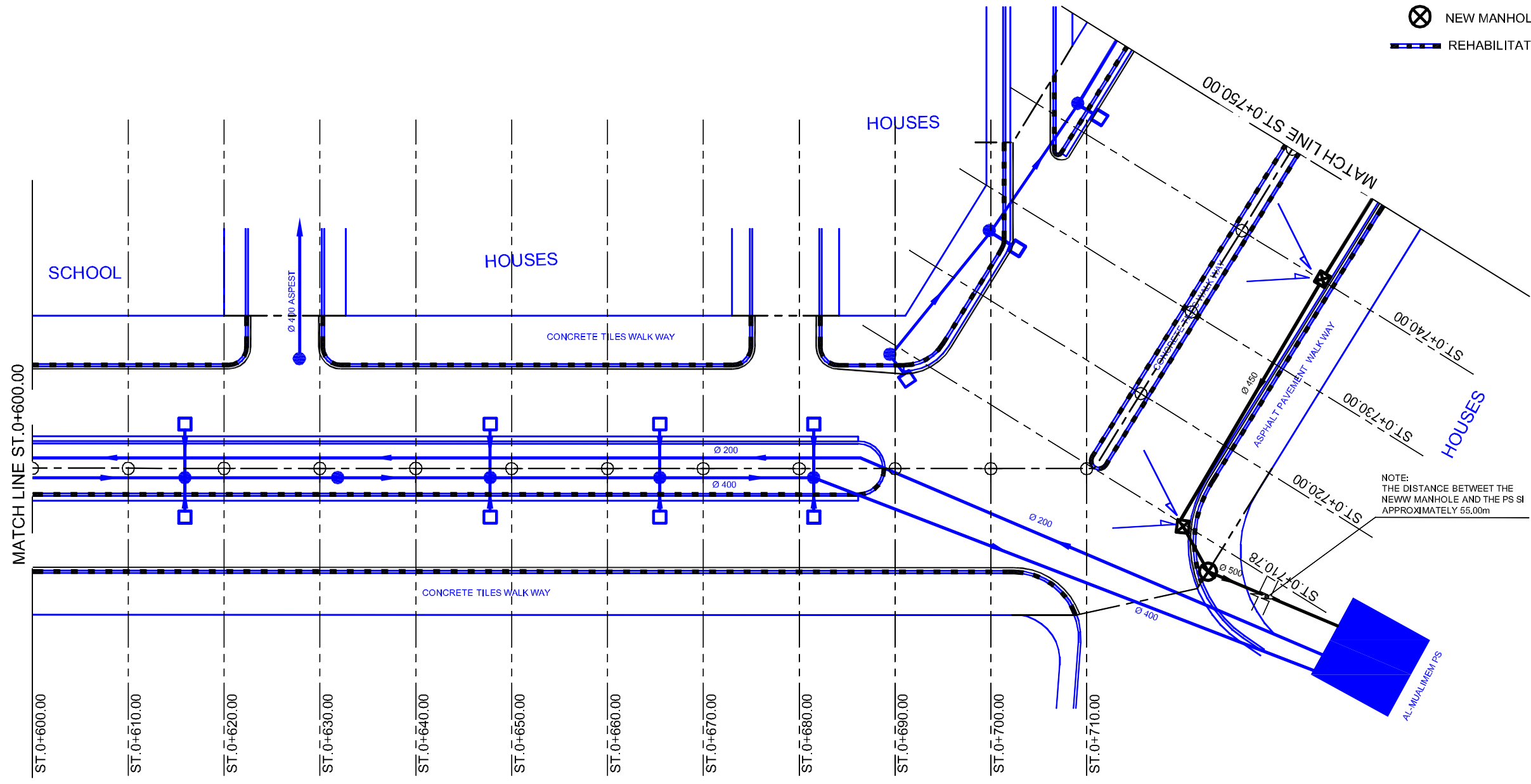
ALL THE EXISTING LAYOUTS ARE IN BLUE
 ALL THE PROPOSED LAYOUT ARE IN BLACK

I:\SAMAWAH\LINE 18_2005 GIRLS SCHOOL ROAD (04) DRAINAGE SYSTEM (GIRLS SCH IL).DWG (4) Jun 18, 2005 5:21 AM

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: GIRLS SCHOOL STREET DRAINAGE SYSTEM LAYOUT (4-6)	Scale AS SHOWN	Date:	Checked by:



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



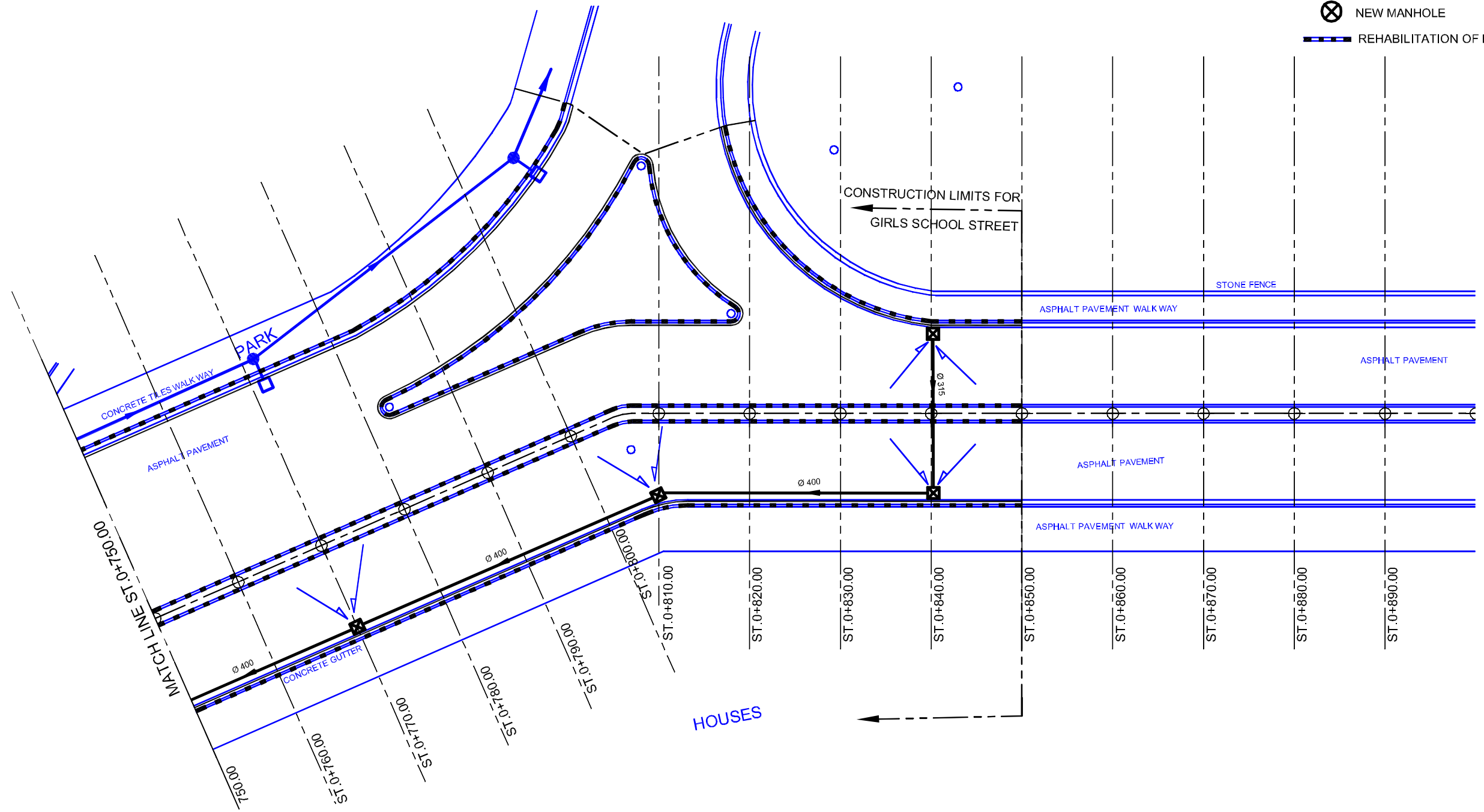
NOTE:

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

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: GIRLS SCHOOL STREET DRAINAGE SYSTEM LAYOUT (5-6)	Scale AS SHOWN	Date:	Checked by:



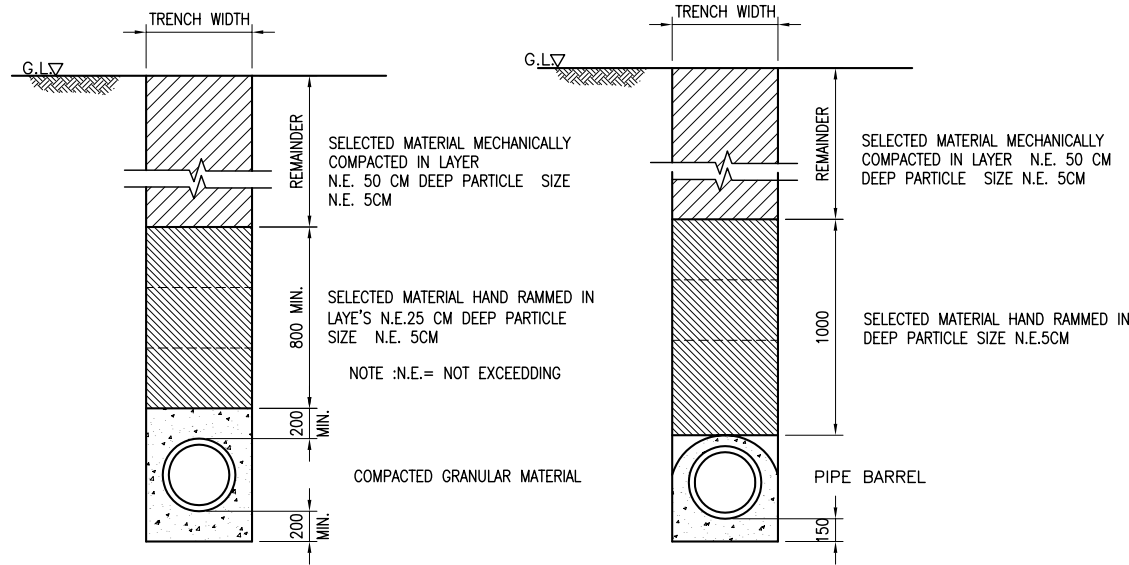
- LEGEND:**
- EXISTING PIPE
 - EXISTING INLET
 - EXISTING INLET TO BE DEMOLISHED
 - EXISTING MANHOLE
 - NEW PIPE
 - NEW INLET
 - ⊗ NEW MANHOLE
 - REHABILITATION OF EXISTING CURB



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

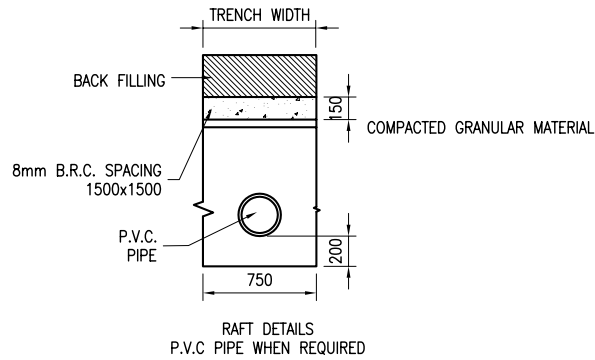
Owner: SAMAWAH MAYORALTY MUTHANNA GOVERNORATE REPUBLIC OF IRAQ	Consultant:	Client :	Project :	Drawing No.	Rev:	Drawn by :
			REHABILITATION AND IMPROVEMENT OF THE ROADS AND ROAD SIDES IN SAMAWAH FOR SAMAWAH PROMENADE DEVELOPMENT PLAN	D-6		
			Dwg Title:	Scale	Date:	Checked by:
			GIRLS SCHOOL STREET DRAINAGE SYSTEM LAYOUT (6-6)	AS SHOWN		

SPECIFIED SCHEDULE OF BACKFILLING OF PIPE EXCAVATIONS
SCALE 1:50



METHOD A
TRENCH OVER PIPE LAID WITHOUT CONCRETE PROTECTION

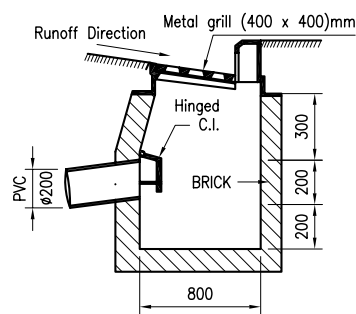
METHOD B
TRENCH OVER PIPE LAID WITH CONCRETE PROTECTION (BEDDING HAUNCHING & COMPLETE SURROUND)



RAFT DETAILS
P.V.C PIPE WHEN REQUIRED

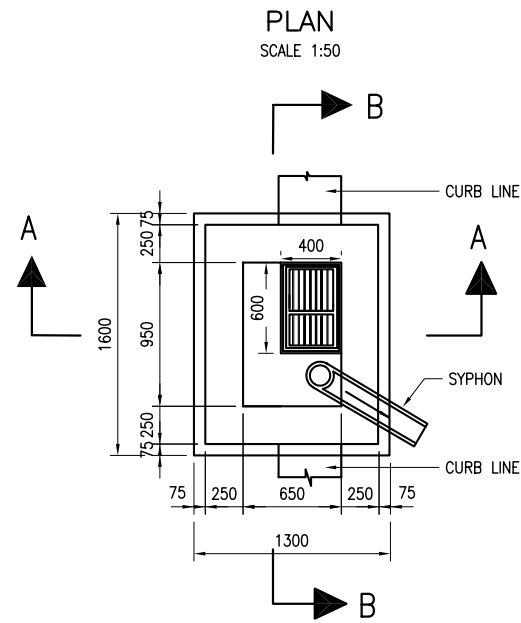
COMPACTED GRANULAR MATERIAL

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

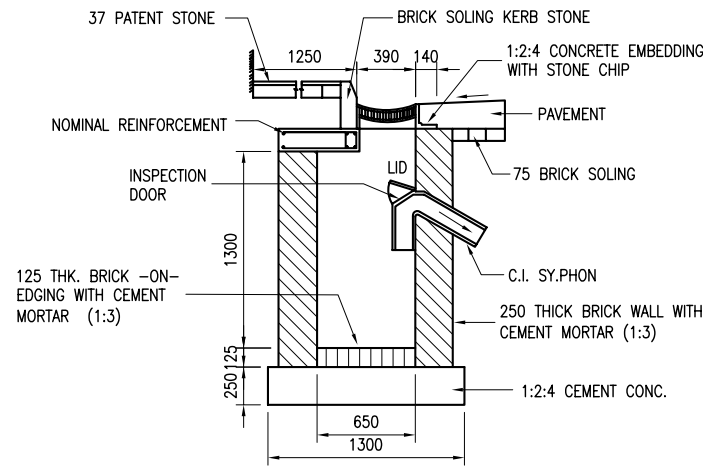


Detail of Squared Catch Basin (Inlet) 800x800 -Type B

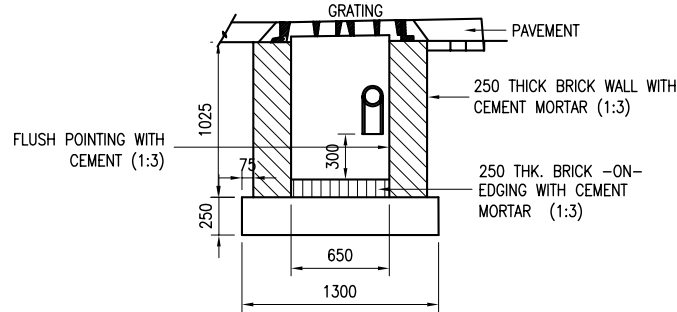
CATCH BASIN (INLET)



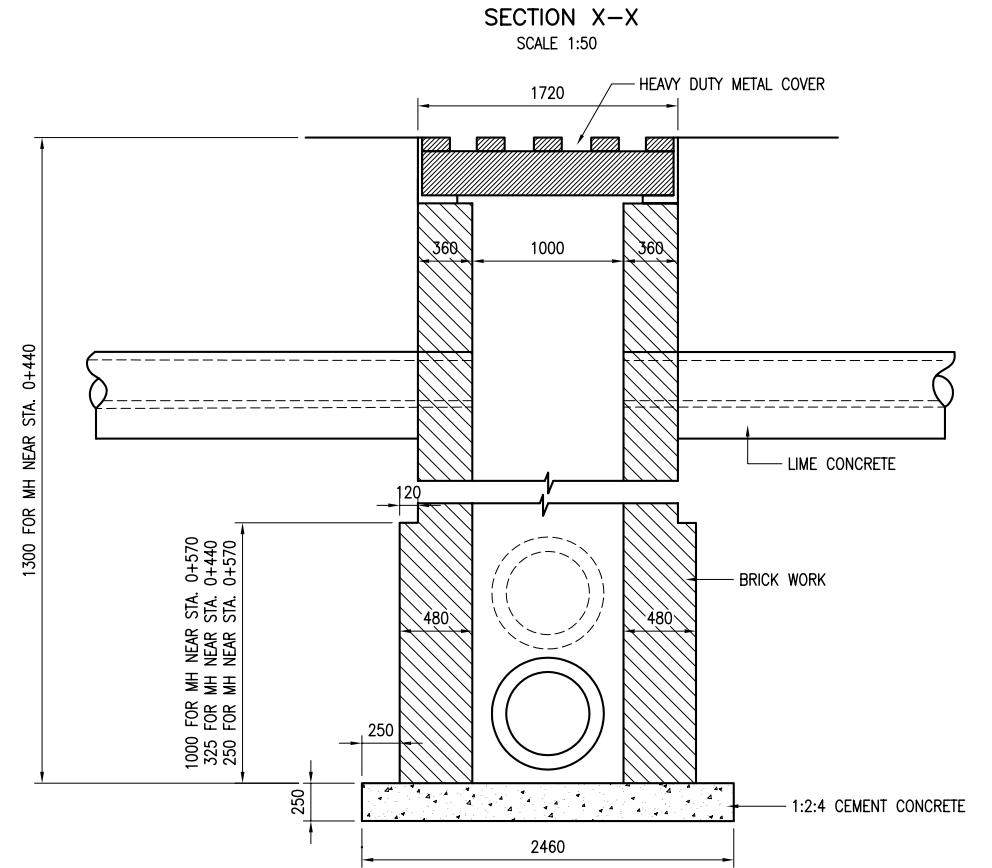
SECTION A-A
SCALE 1:50



SECTION B-B
SCALE 1:50

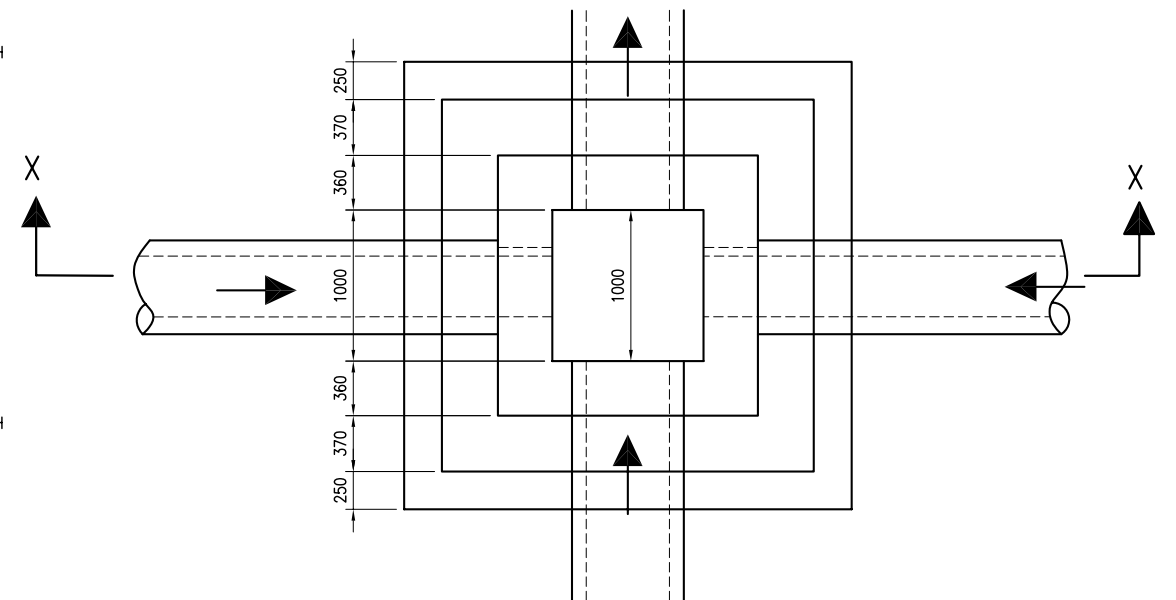


MANHOLE DETAIL



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

PLAN
SCALE 1:50

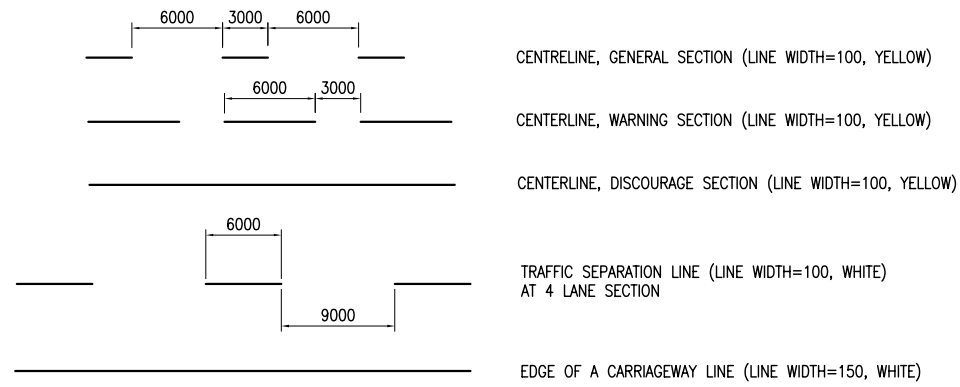


H:\SAMAWAH\JUNE 18, 2005\GIRLS SCHOOL ROAD\04B) D-8 DETAIL OF INLET ETC...DWG A3 Plot Jun 18, 2005 8:37 AM

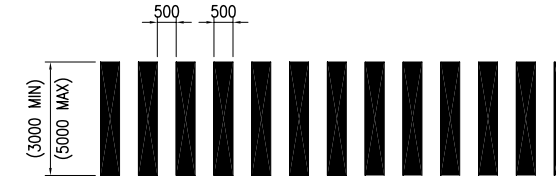
Owner: SAMAWAH MAYORALTY MUTHANNA GOVERNORATE REPUBLIC OF IRAQ	Consultant:	Client :	Project : REHABILITATION AND IMPROVEMENT OF THE ROADS AND ROAD SIDES IN SAMAWAH FOR SAMAWAH PROMENADE DEVELOPMENT PLAN	Drawing No. D-7	Rev:	Drawn by :
			Dwg Title: GIRLS SCHOOL STREET DETAIL OF INLET, MANHOLE AND BACKFILLING METHOD OF PIPE EXCAVATION	Scale AS SHOWN	Date:	Checked by:

ROAD MARKING DETAILS

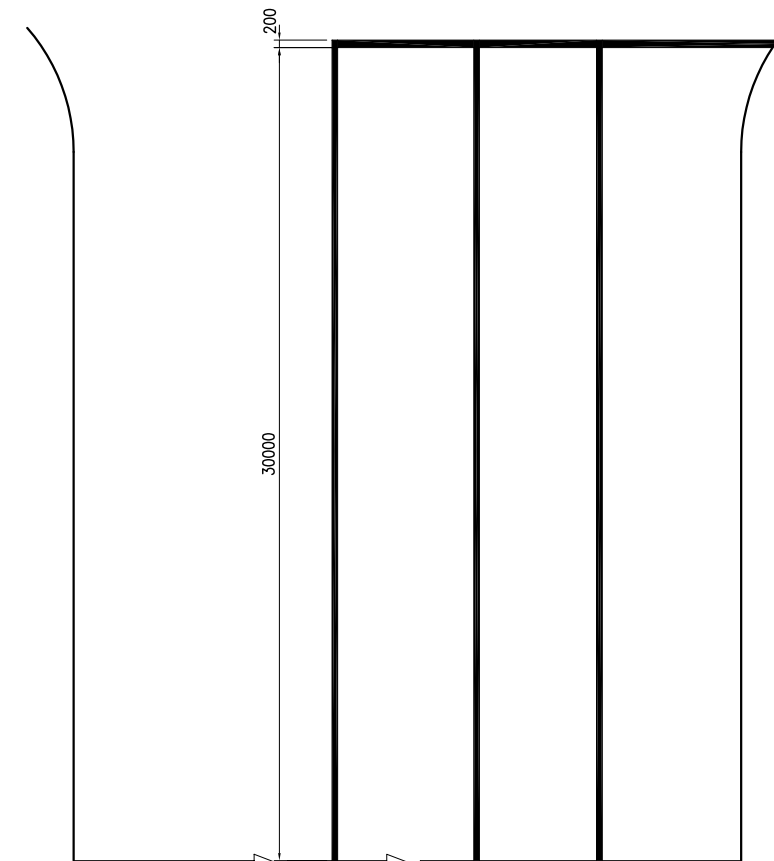
LINE MARKINGS



PEDESTRIAN CROSSING MARKING



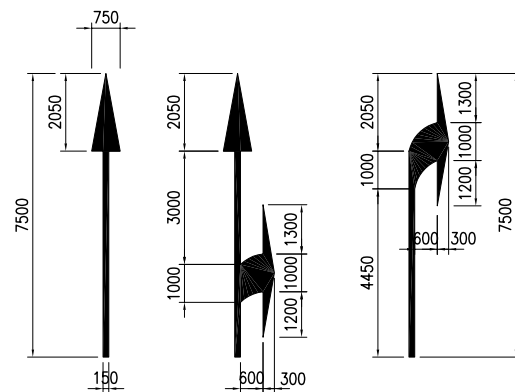
STOP LINE MARKING



ZEBRA MARKING



ARROWS



H:\SAMAWAH\JUNE 18, 2005\GIRLS SCHOOL ROAD\05A E-1 ROAD MARKING DETAILS.DWG Modified Jun 18, 2005 8:32 AM

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: GIRLS SCHOOL STREET ROAD MARKING DETAILS	Scale AS SHOWN	Date:	Checked by:

