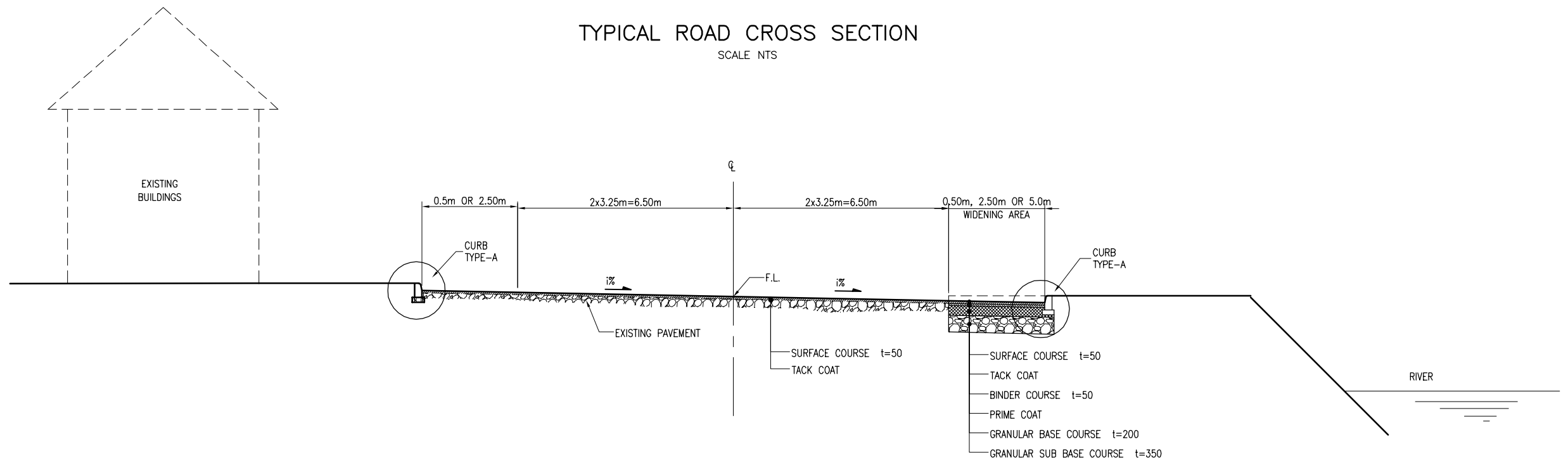


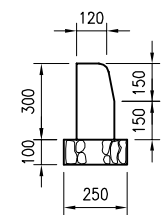
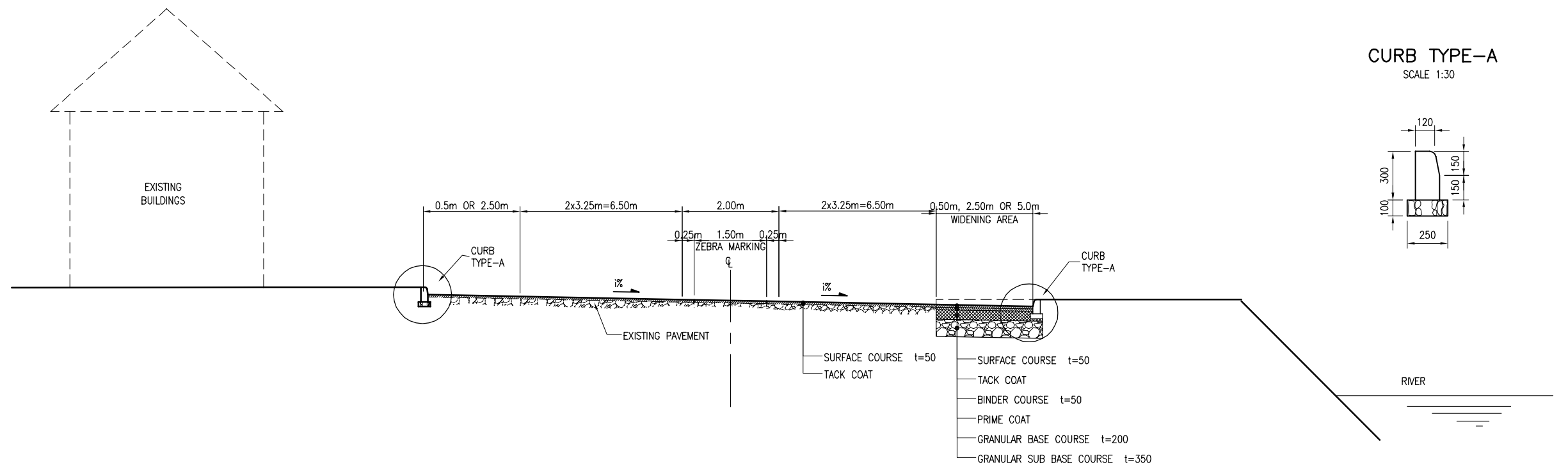
# TYPICAL ROAD CROSS SECTION

SCALE NTS



## CURB TYPE-A

SCALE 1:30



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. B-1

Rev:

Drawn by :

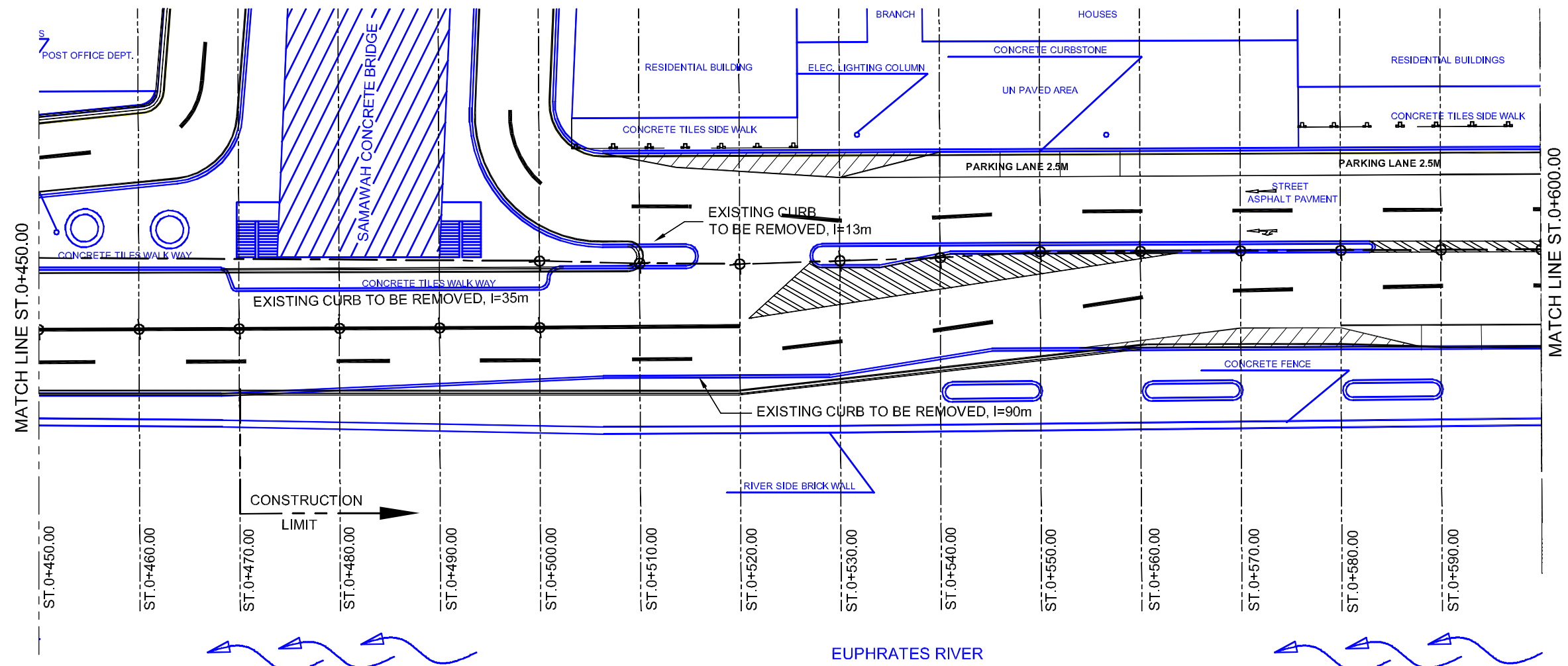
Dwg Title: **TYPICAL CROSS SECTION**

Scale AS SHOWN

Date:

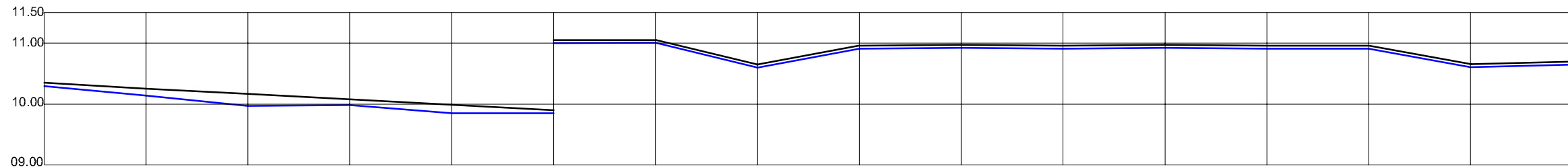
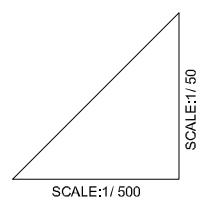
Checked by:

**PLAN** SCALE 1:500



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

NOTE:  
EXISTING MEDIAN SHALL BE REMOVED.



F.F.L ELEVATION		10.346	10.250	10.167	10.078	09.989	11.237	11.052	10.649	10.956	10.970	10.955	10.973	10.955	10.958	10.651	10.696
C.L. ELEVATION		10.295	10.138	09.972	09.982	09.850	10.995	11.002	10.599	10.906	10.920	10.905	10.923	10.905	10.908	10.601	10.646
C.L. COORDINATE ( U.T.M. SYSTEM )	N:	0527812	0527802	0527794	0527778	0527770	0527760	0527754	0527745	0527736	0527725	0527716	0527706	0527699	0527687	0527678	0527670
	E:	3464470	3464473	3464476	3464476	3464482	3464482	3464483	3464486	3464488	3464492	3464496	3464501	3464502	3464508	3464514	3464513
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

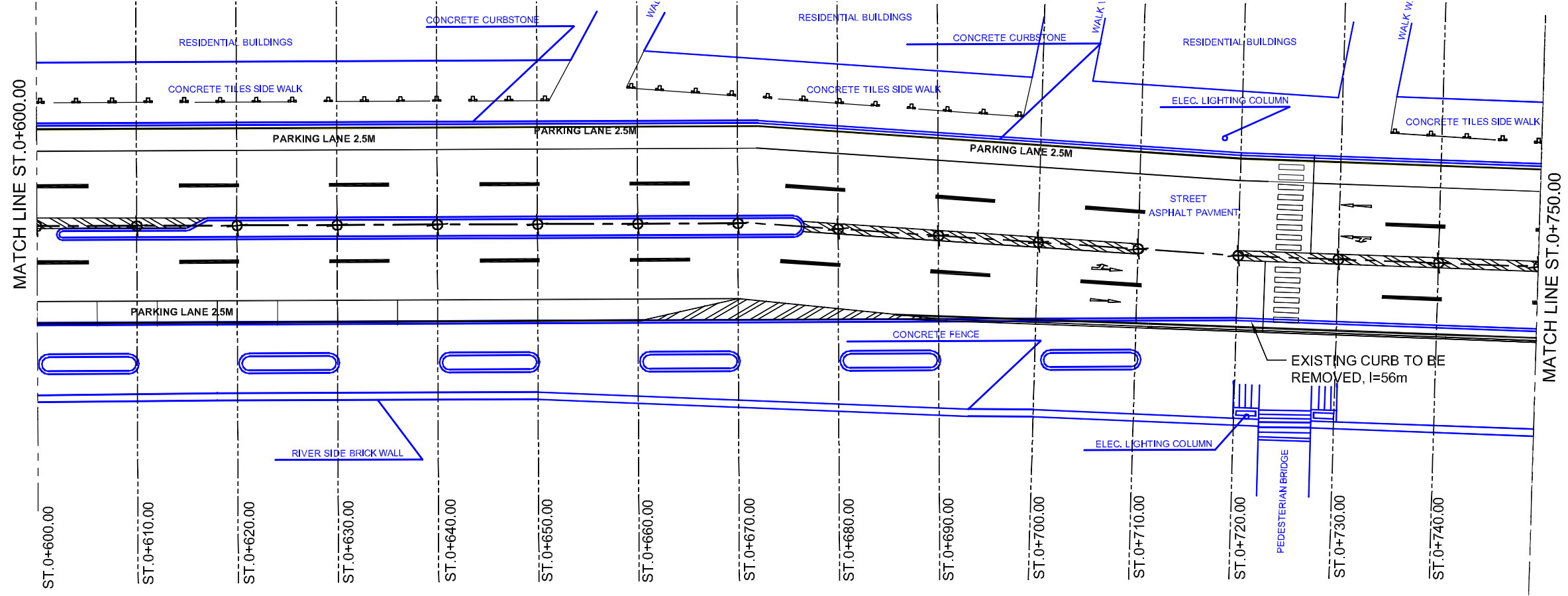
PROFILE SECTION OF AL-CORNISH STREET ( 450.00 - 600.00 )m

C:\PAC\FROM APRIL 2015 WORKING DRAWINGS (03) C-1 PLAN AND PROFILE.DWG (1) .Mby 11. 2015:5:53 PM

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	C-1		
			Dwg Title:	Scale	Date:	Checked by:
			CORNISH STREET PLAN & PROFILE (1-6)	AS SHOWN		



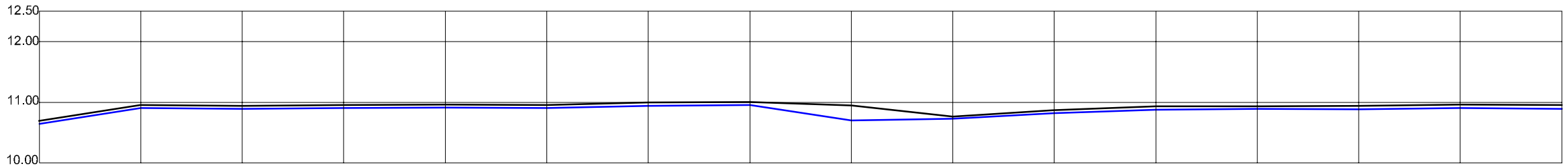
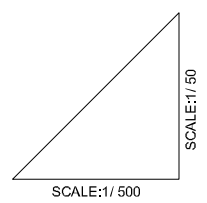
**PLAN** SCALE 1:500



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



EUPHRATES RIVER



F.F.L ELEVATION		10.696	10.957	10.944	10.952	10.959	10.955	10.994	11.004	10.948	10.765	10.868	10.933	10.933	10.942	10.963	10.953
C.L. ELEVATION		10.646	10.907	10.894	10.902	10.909	10.905	10.944	10.954	10.699	10.726	10.824	10.876	10.891	10.884	10.903	10.893
C.L. COORDINATE ( U.T.M. SYSTEM )	N:	0527670	0527663	0527652	0527645	0527633	0527624	0527613	0527604	0527594	0527585	0527576	0527665	0527558	0527548	0527540	0527530
	E:	3464513	3464518	3464521	3464527	3464529	3464533	3464537	3464542	3464544	3464550	3464556	3464559	3464563	3464568	3464572	3464577
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

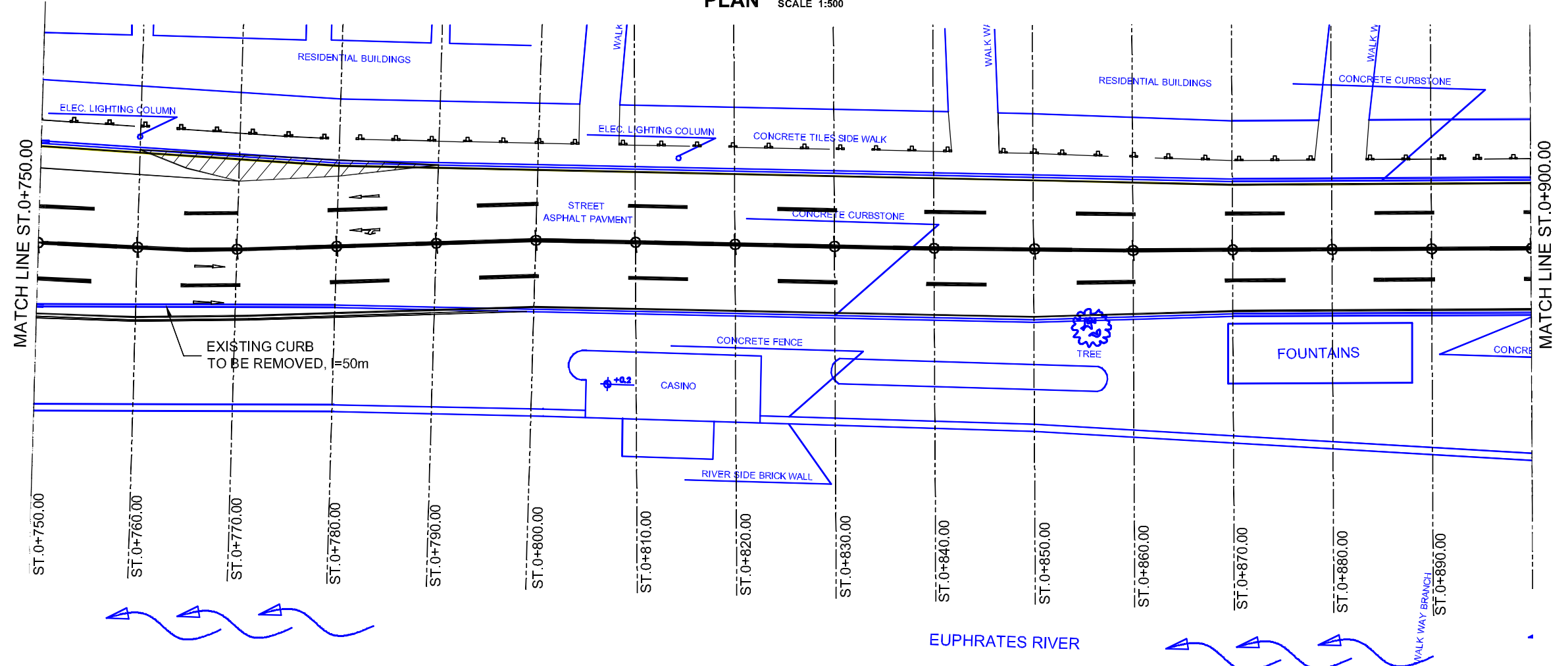
PROFILE SECTION OF AL-CORNISH STREET ( 600.00 - 750.00 )m

C:\PAC\FROM APRIL 2015 WORKING DRAWINGS\03\JOB PLAN AND PROFILE.DWG (2) .Mby 11, 2015 6:35 PM

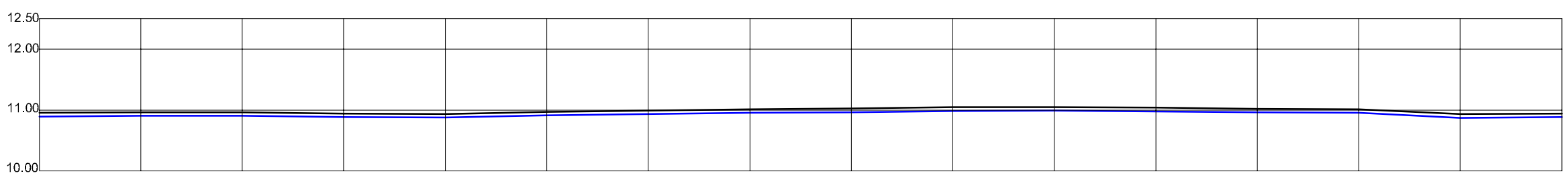
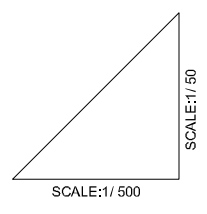
<b>Owner:</b> SAMAWAH MAYORALTY MUTHANNA GOVERNORATE REPUBLIC OF IRAQ	<b>Consultant:</b>	<b>Client :</b>	<b>Project :</b> REHABILITATION AND IMPROVEMENT OF THE ROADS AND ROAD SIDES IN SAMAWAH FOR SAMAWAH PROMENADE DEVELOPMENT PLAN	<b>Drawing No.</b> C-2	<b>Rev:</b>	<b>Drawn by :</b>
			<b>Dwg Title:</b> CORNISH STREET PLAN & PROFILE (2-6)	<b>Scale</b> AS SHOWN	<b>Date:</b>	<b>Checked by:</b>



**PLAN** SCALE 1:500



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



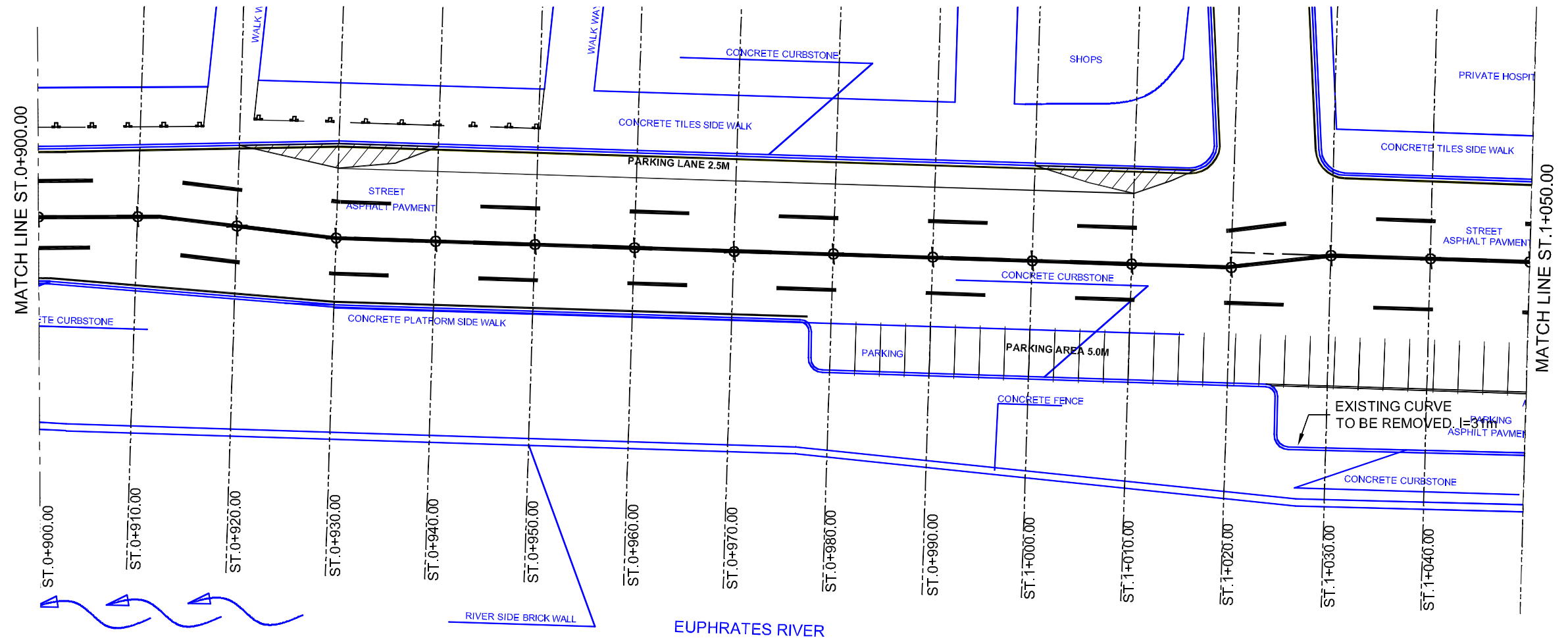
<b>F.F.L ELEVATION</b>		10.953	10.962	10.965	10.941	10.936	10.972	10.991	11.013	11.023	11.046	11.048	11.038	11.020	11.013	10.933	10.943
<b>C.L. ELEVATION</b>		10.893	10.902	10.905	10.881	10.876	10.912	10.931	10.953	10.963	10.986	10.988	10.978	10.960	10.953	10.873	10.883
<b>C.L. COORDINATE</b> ( U.T.M. SYSTEM )	<b>N:</b>	0527530	0527523	0527513	0527502	0527494	0527482	0527473	0527465	0527456	0527446	0527436	0527427	0527419	0527409	0527402	0527391
	<b>E:</b>	3464577	3464578	3464583	3464586	3464590	3464593	3464596	3464600	3464602	3464605	3464610	3464615	3464617	3464620	3464622	3464625
<b>STATION</b>		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 AL-CORNISH STREET ( 750.00 - 900.00 )m**

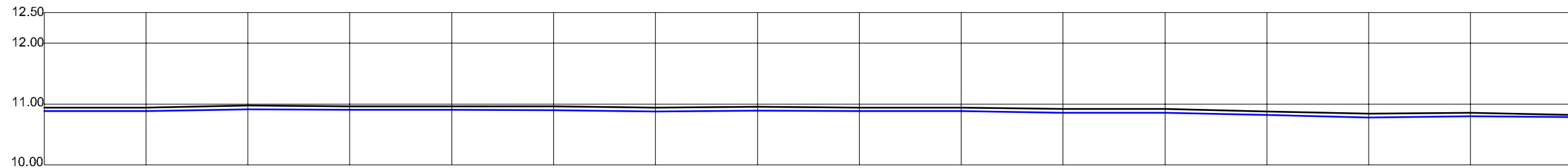
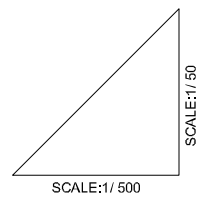
C:\PAC\FROM APRIL 2015 WORKING DRAWINGS\03\3-PLAN AND PROFILE.DWG (3) .Mby 11. 2015:6:35 PM

<b>Owner:</b> SAMAWAH MAYORALTY MUTHANNA GOVERNORATE REPUBLIC OF IRAQ	<b>Consultant:</b>	<b>Client :</b>	<b>Project :</b> REHABILITATION AND IMPROVEMENT OF THE ROADS AND ROAD SIDES IN SAMAWAH FOR SAMAWAH PROMENADE DEVELOPMENT PLAN	<b>Drawing No.:</b> C-3	<b>Rev.:</b>	<b>Drawn by :</b>
			<b>Dwg Title:</b> CORNISH STREET PLAN & PROFILE (3-6)	<b>Scale:</b> AS SHOWN	<b>Date:</b>	<b>Checked by:</b>

**PLAN** SCALE 1:500



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



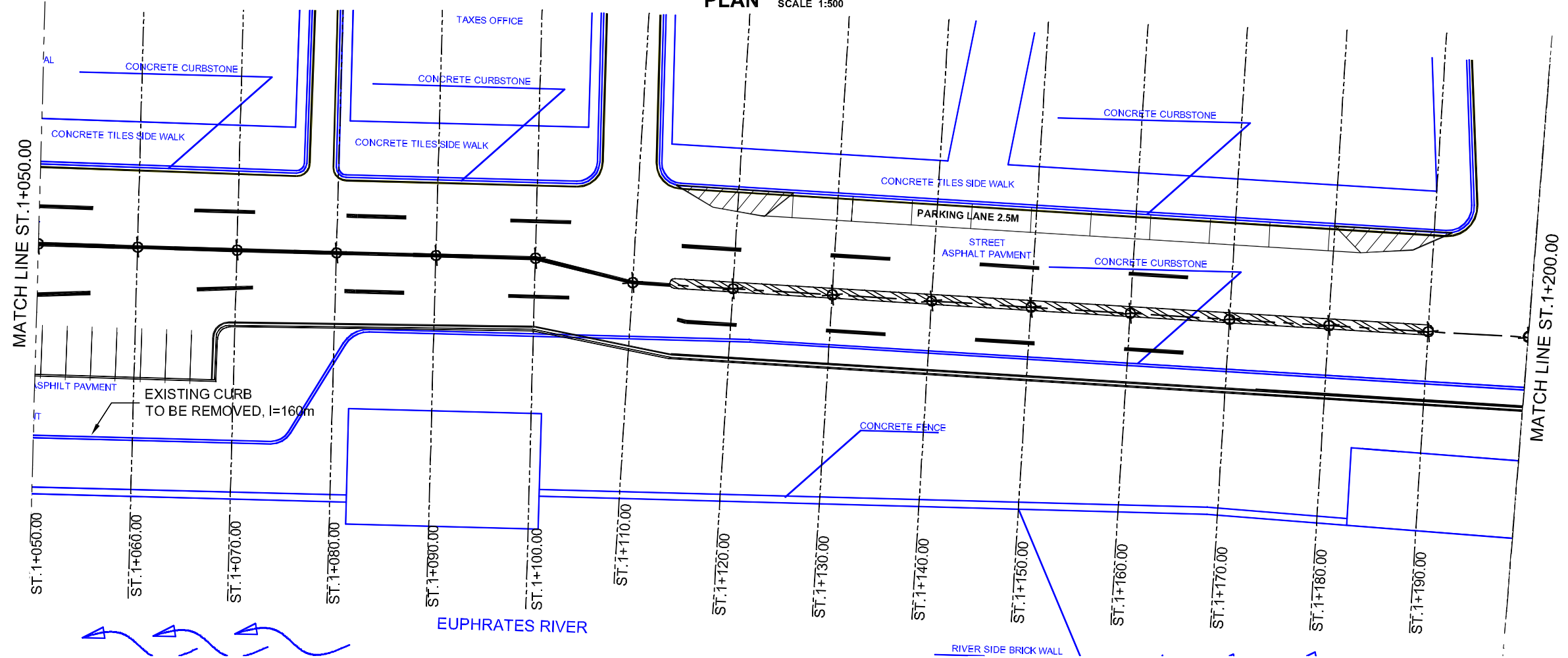
F.F.L ELEVATION		10.943	10.943	10.973	10.963	10.964	10.961	10.938	10.953	10.943	10.944	10.917	10.918	10.880	10.841	10.857	10.818
C.L. ELEVATION		10.883	10.883	10.913	10.903	10.904	10.901	10.878	10.893	10.883	10.884	10.857	10.858	10.820	10.781	10.797	10.785
C.L. COORDINATE ( U.T.M. SYSTEM )	N:	0527391	0527381	0527371	0527362	0527353	0527343	0527334	0527322	0527312	0527303	0527294	0527286	0527275	0527267	0527258	0527251
	E:	3464625	3464627	3464629	3464633	3464638	3464639	3464642	3464647	3464650	3464653	3464654	3464657	3464660	3464665	3464667	3464673
STATION		0+900.00	0+910.00	0+920.00	0+930.00	0+940.00	0+950.00	0+960.00	0+970.00	0+980.00	0+990.00	1+000.00	1+010.00	1+020.00	1+030.00	1+040.00	1+050.00

PROFILE SECTION OF AL-CORNISH STREET ( 900.00 - 1050.00 )m

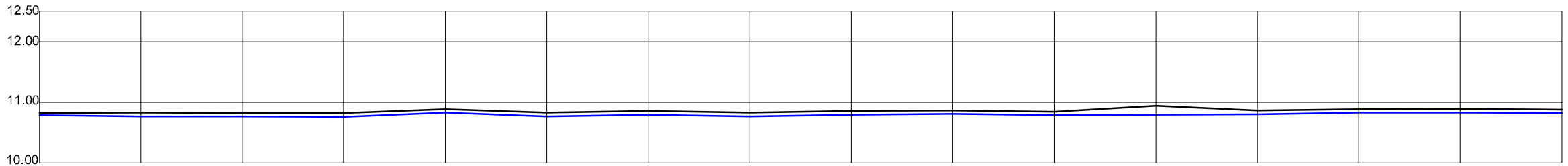
Owner: SAMAWAH MAYORALTY MUTHANNA GOVERNORATE REPUBLIC OF IRAQ	Consultant:	Client :	Project : <b>REHABILITATION AND IMPROVEMENT OF THE ROADS AND ROAD SIDES IN SAMAWAH FOR SAMAWAH PROMENADE DEVELOPMENT PLAN</b>	Drawing No. C4	Rev:	Drawn by :
			Dwg Title: <b>CORNISH STREET PLAN &amp; PROFILE (4-6)</b>	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



F.F.L ELEVATION		10.818	10.826	10.823	10.820	10.885	10.825	10.855	10.825	10.855	10.865	10.845	10.943	10.860	10.885	10.890	10.880
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	10.883	10.800	10.825	10.830	10.820
C.L. COORDINATE ( U.T.M. SYSTEM )	N:	0527251	0527240	0527229	0527221	0527211	0527199	0527193	0527183	0527174	0527165	0527155	0527144	0527135	0527127	0527118	0527109
	E:	3464673	3464675	3464678	3464681	3464684	3464689	3464692	3464695	3464698	3464702	3464707	3464712	3464716	3464717	3464721	3464726
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

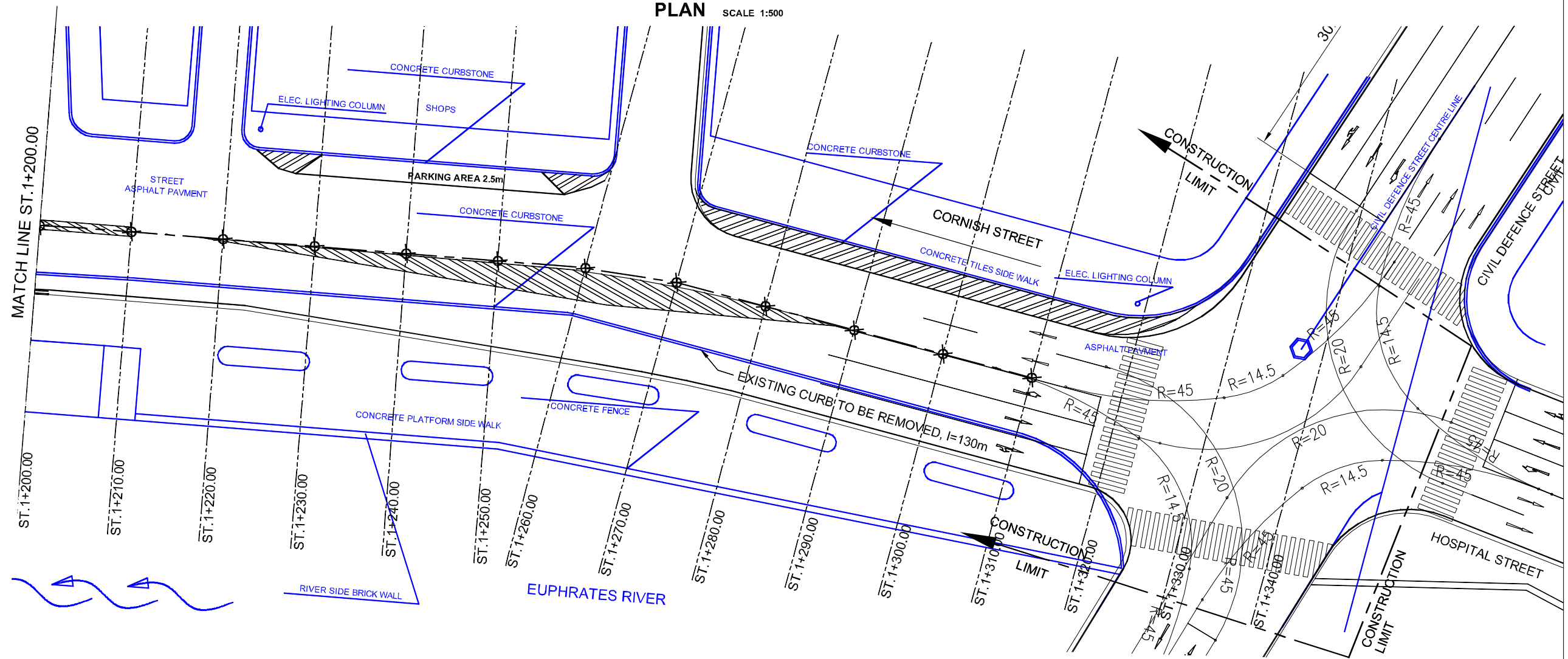
PROFILE SECTION OF AL-CORNISH STREET ( 1050.00 - 1200.00 )m

C:\PAC\FROM APRIL 2015 WORKING DRAWINGS (03) C-5 PLAN AND PROFILE.DWG (5) May 11, 2015 6:35 PM

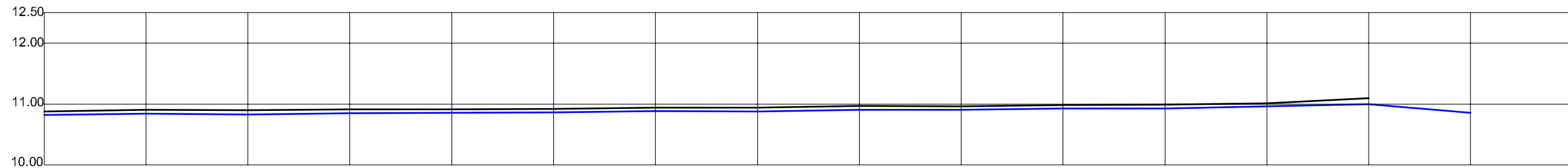
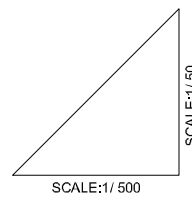
<b>Owner:</b> SAMAWAH MAYORALTY MUTHANNA GOVERNORATE REPUBLIC OF IRAQ	<b>Consultant:</b>	<b>Client :</b>	<b>Project :</b> REHABILITATION AND IMPROVEMENT OF THE ROADS AND ROAD SIDES IN SAMAWAH FOR SAMAWAH PROMENADE DEVELOPMENT PLAN	<b>Drawing No.:</b> C-5	<b>Rev.:</b>	<b>Drawn by :</b>
			<b>Dwg Title:</b> CORNISH STREET PLAN & PROFILE (5-6)	<b>Scale:</b> AS SHOWN	<b>Date:</b>	<b>Checked by:</b>



**PLAN** SCALE 1:500



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



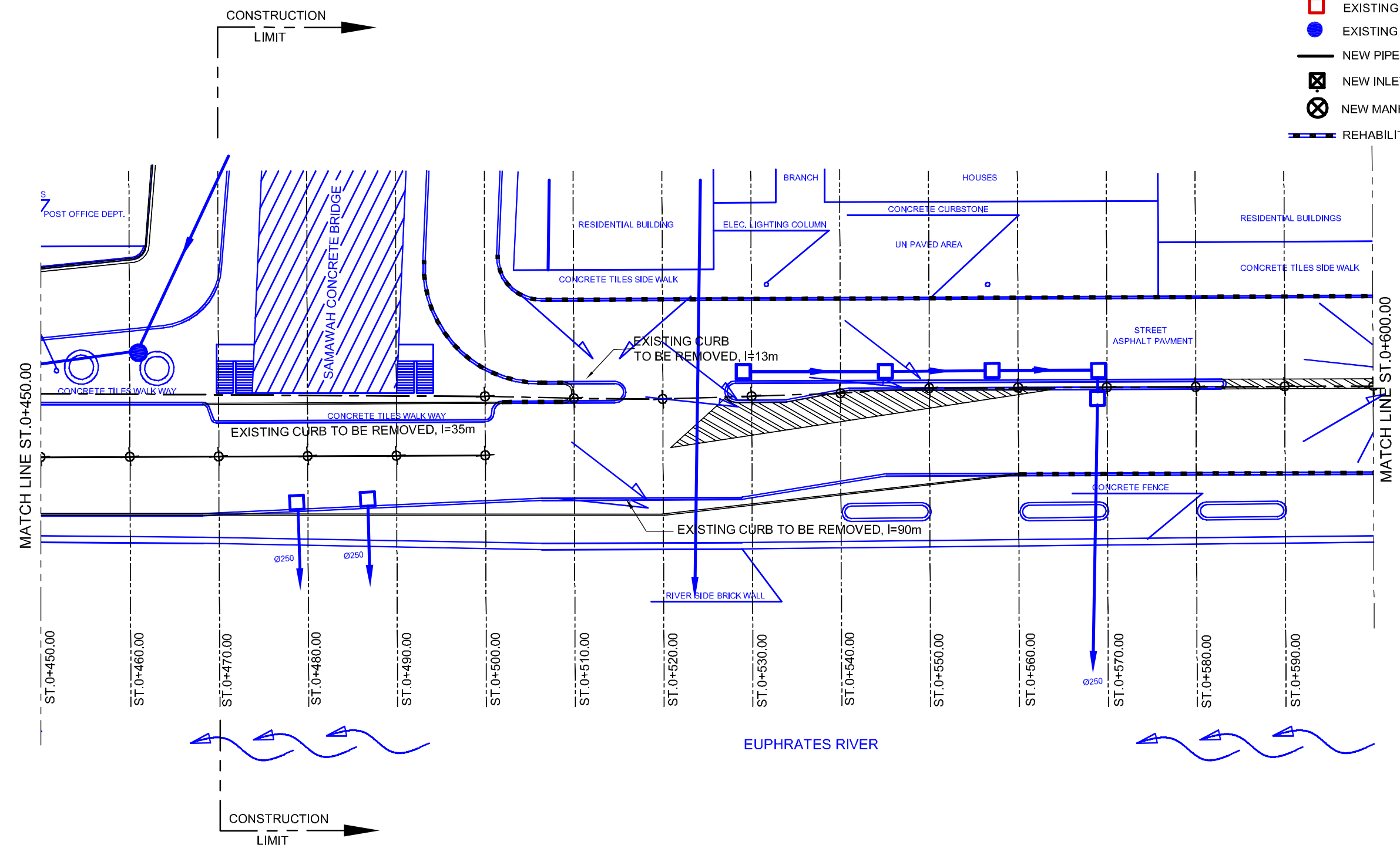
F.F.L ELEVATION		10.880	10.905	10.899	10.910	10.915	10.922	10.940	10.940	10.967	10.965	10.986	10.987	11.014	11.095	10.940	10.295
C.L. ELEVATION		10.820	10.845	10.830	10.850	10.855	10.862	10.885	10.880	10.907	10.905	10.926	10.927	10.962	10.995	10.857	
C.L. COORDINATE ( U.T.M. SYSTEM )	N:	0527109	0527098	0527089	0527082	0527073	0527065	0527056	0527048	0527037	0527029	0527021	0527013	0527004	0526995	0526987	
	E:	3464726	3464731	3464736	3464740	3464745	3464750	3464757	3464762	3464768	3464771	3464779	3464782	3464789	3464797	3464799	
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	

PROFILE SECTION OF AL-CORNISH STREET ( 1200.00 - 1340.00 )m

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	C-6		
			Dwg Title:	Scale	Date:	Checked by:
			CORNISH STREET PLAN & PROFILE (6-6)	AS SHOWN		



- 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 0.2 %.

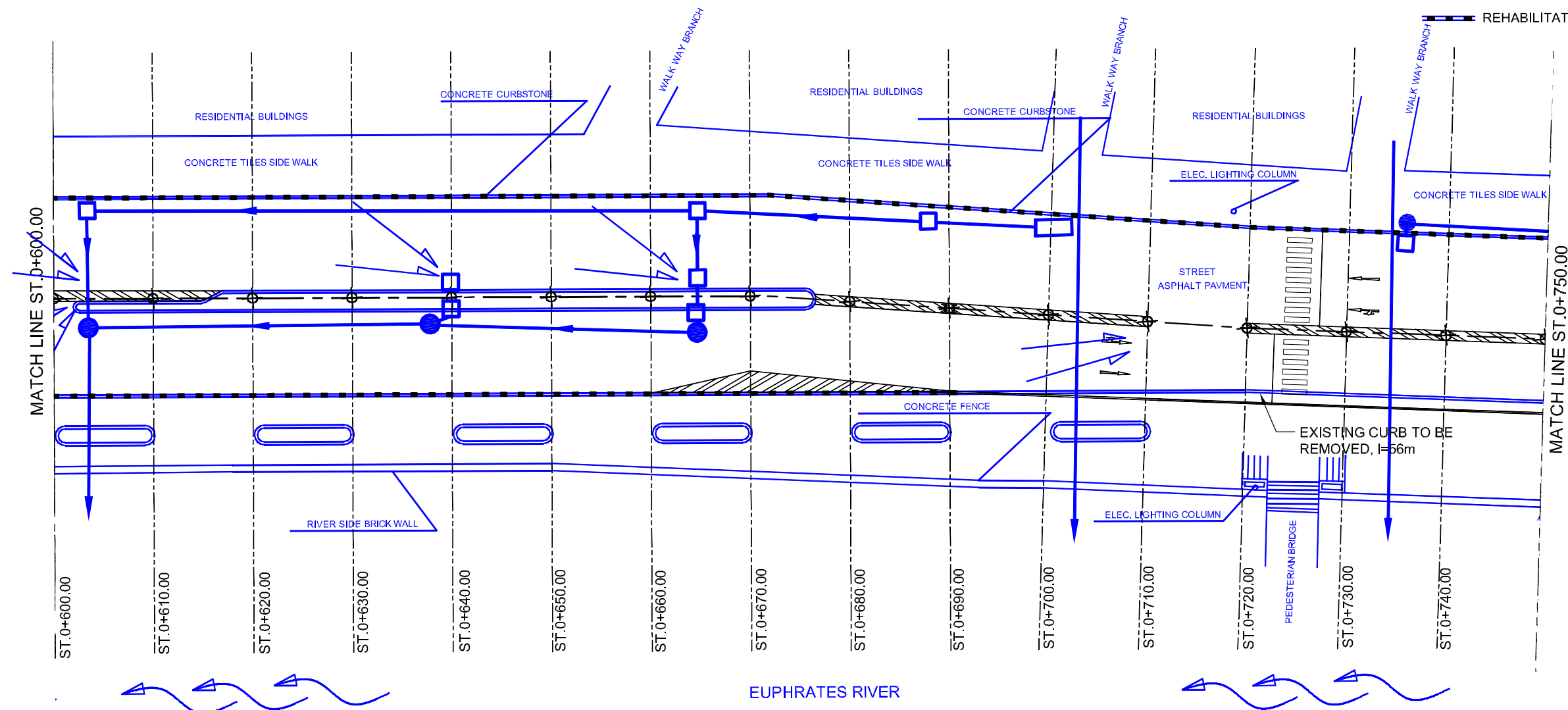
C:\I\BAG\FROM APRIL 2005\WORKING DRAWINGS\104\3-D\1\ DRAINAGE SYSTEM PLANNING (1). May 11, 2005 2:15 PM

<b>Owner:</b> SAMAWAH MAYORALTY MUTHANNA GOVERNORATE REPUBLIC OF IRAQ	<b>Consultant:</b>	<b>Client :</b>	<b>Project :</b> REHABILITATION AND IMPROVEMENT OF THE ROADS AND ROAD SIDES IN SAMAWAH FOR SAMAWAH PROMENADE DEVELOPMENT PLAN	<b>Drawing No.</b> D-1	<b>Rev:</b>	<b>Drawn by :</b>
			<b>Dwg Title:</b> DRAINAGE SYSTEM OF CORNISH STREET (1-6)	<b>Scale</b> AS SHOWN	<b>Date:</b>	<b>Checked by:</b>





- 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**

**NOTE:**

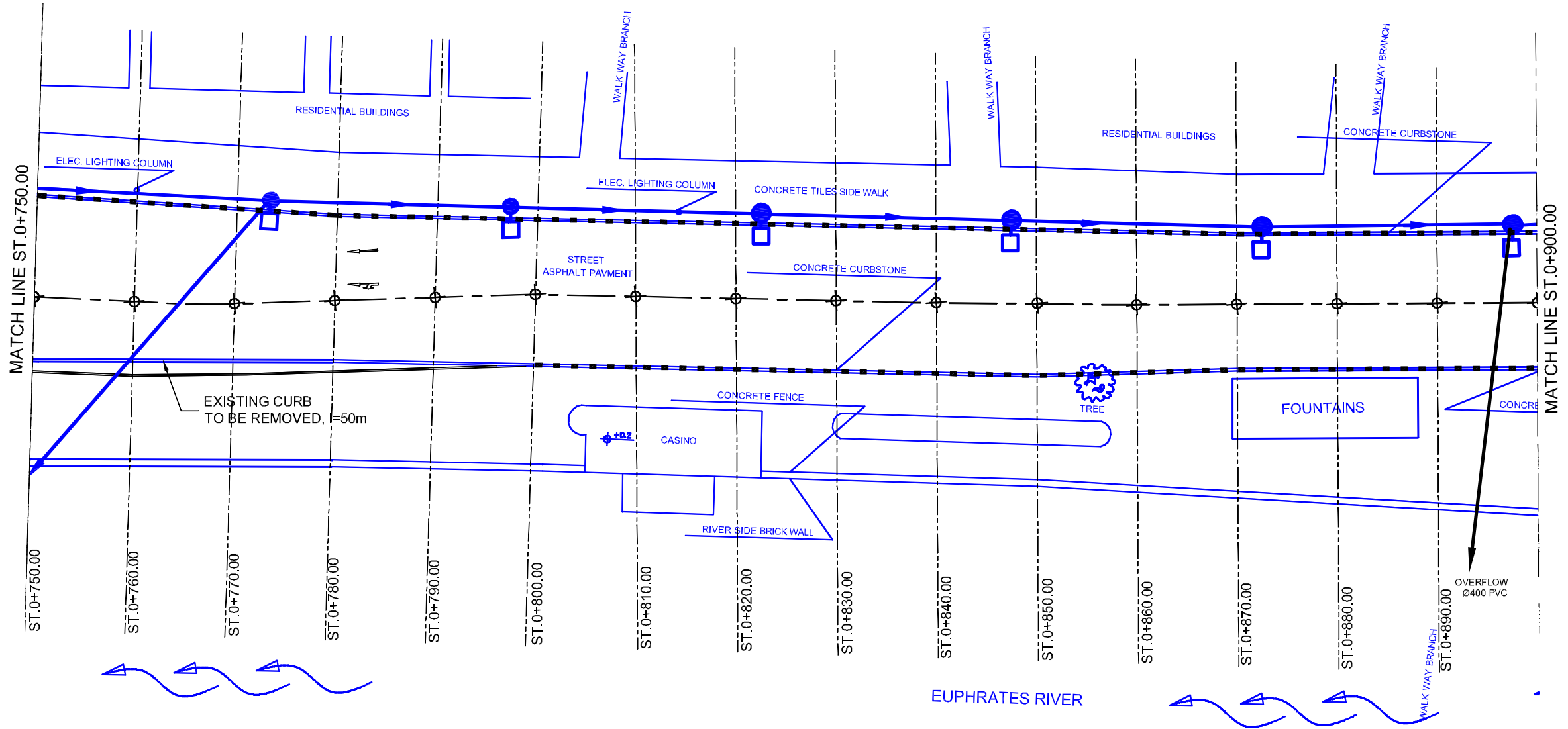
UNLESS THE INVERT ELEVATION IS INDICATED ON THE DRAWING, THE INVERT ELEVATION OF NEW INLETS AND/OR MANHOLE SHOULD BE DECIDED ON SITE, BASED ON THE INVERT ELEVATION OF EXISTING INLETS & MANHOLE WITH A CONSIDERATION OF NEW PIPE GRADIENT OF MINIMUM 0.2 %.

C:\IPRAC\FROM APRIL 2005\WORKING DRAWINGS (104) D-01 DRAINAGE SYSTEM PLANNING (2) May 11, 2005 2:15 PM

<b>Owner:</b> SAMAWAH MAYORALTY MUTHANNA GOVERNORATE REPUBLIC OF IRAQ	<b>Consultant:</b>	<b>Client :</b>	<b>Project :</b> <b>REHABILITATION AND IMPROVEMENT OF THE ROADS AND ROAD SIDES IN SAMAWAH FOR SAMAWAH PROMENADE DEVELOPMENT PLAN</b>	<b>Drawing No.</b> D-2	<b>Rev:</b>	<b>Drawn by :</b>
			<b>Dwg Title:</b> <b>DRAINAGE SYSTEM OF CORNISH STREET (2-6)</b>	<b>Scale</b> AS SHOWN	<b>Date:</b>	<b>Checked by:</b>



- 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 0.2 %.

C:\P\A\I\FROM APRIL 2005\WORKING DRAWINGS (104) D-01 DRAINAGE SYSTEM PLANNING (3) May 11, 2005 2:15 PM

<b>Owner:</b> SAMAWAH MAYORALTY MUTHANNA GOVERNORATE REPUBLIC OF IRAQ	<b>Consultant:</b>	<b>Client :</b>	<b>Project :</b> REHABILITATION AND IMPROVEMENT OF THE ROADS AND ROAD SIDES IN SAMAWAH FOR SAMAWAH PROMENADE DEVELOPMENT PLAN	<b>Drawing No.</b> D-3	<b>Rev:</b>	<b>Drawn by :</b>
			<b>Dwg Title:</b> DRAINAGE SYSTEM OF CORNISH STREET (3-6)	<b>Scale</b> AS SHOWN	<b>Date:</b>	<b>Checked by:</b>