

COORDINATE LIST		
POINT	NORTH	EAST
6000	385,978.6399	2,371,638.5727
6001	385,937.4382	2,371,601.8318
6002	385,933.3133	2,371,598.5574
6003	385,928.8412	2,371,595.7760
6004	385,921.2366	2,371,591.6067
6005	385,882.5505	2,371,570.5399
6006	385,874.7655	2,371,564.4388
6007	385,869.3877	2,371,556.1377
6008	385,864.6689	2,371,545.2587
6009	385,863.4930	2,371,542.8488
6010	385,862.1066	2,371,540.5536
6011	385,841.7033	2,371,509.9537
6012	385,840.5238	2,371,492.4044
6013	385,855.1201	2,371,483.2067
6014	385,972.2854	2,371,479.6779
6015	386,075.3945	2,371,476.5760
6016	386,089.8108	2,371,484.7061
6017	386,089.3163	2,371,501.2495
6018	386,048.1059	2,371,565.0863
6019	386,002.7291	2,371,635.3118
6020	385,991.4350	2,371,642.4865

6000 = COORDINATE POINT NO.  
SEE SHEET NO. 4 FOR PLAT COORDINATES

Install 686 S.Y.  
Slope Protection Riprap Stone (5"x 9")  
See Section A-A  
See Sheet No. 9.

Erosion Berm Discharge Point  
(Typical of 3).  
Install 149 S.Y. Erosion Control Mat  
See Sheet No. 9.

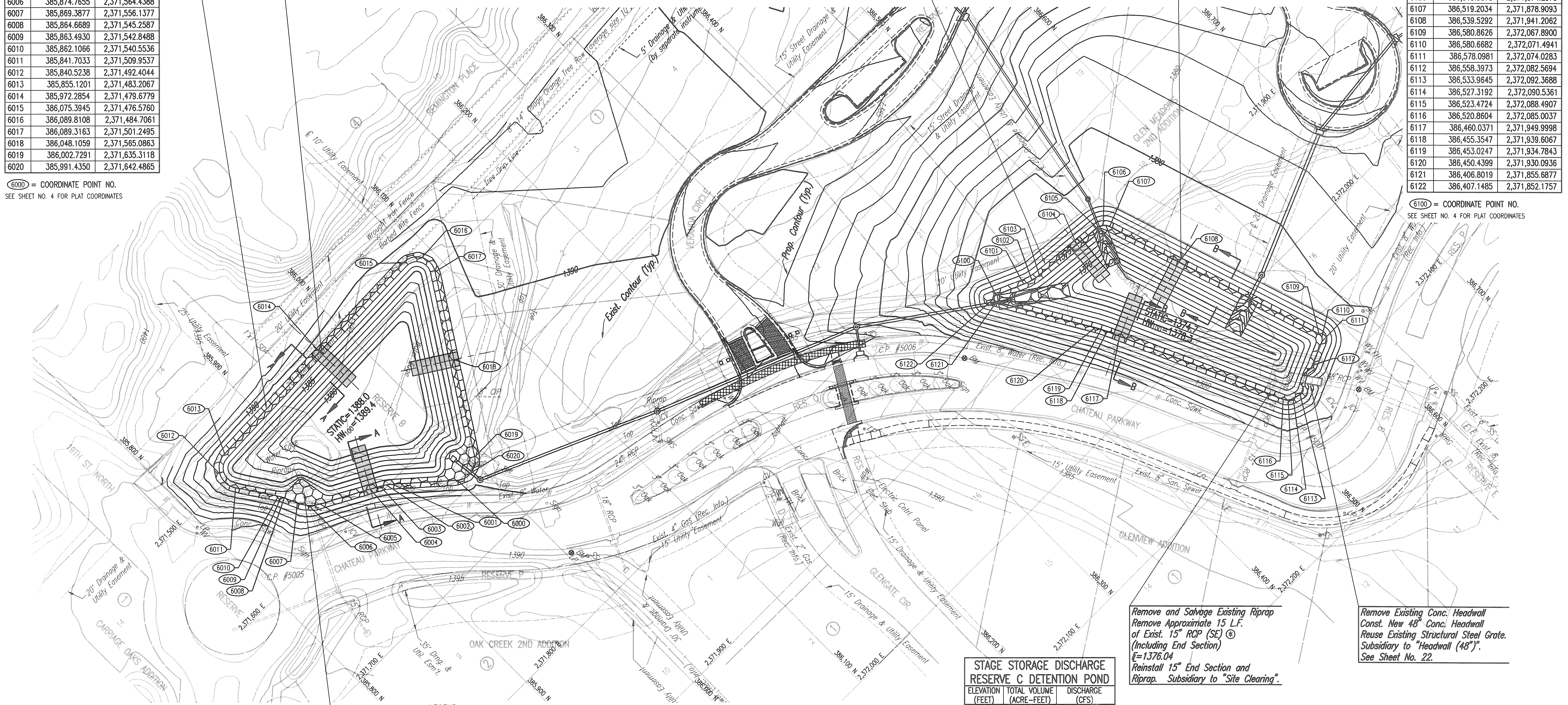
Install 548 S.Y.  
Slope Protection Riprap Stone (5"x 9")  
See Section B-B  
See Sheet No. 9.

Erosion Berm Discharge Point  
(Typical of 3).  
Install 164 S.Y. Erosion Control Mat  
See Sheet No. 9.



COORDINATE LIST		
POINT	NORTH	EAST
6100	386,410.5964	2,371,851.4234
6101	386,433.6021	2,371,861.5305
6102	386,440.8751	2,371,864.0772
6103	386,448.4531	2,371,865.4760
6104	386,489.0225	2,371,869.7680
6105	386,510.7487	2,371,872.0665
6106	386,515.9878	2,371,874.2379
6107	386,519.2034	2,371,878.9093
6108	386,539.5292	2,371,941.2062
6109	386,580.8626	2,372,067.8900
6110	386,580.6682	2,372,071.4941
6111	386,578.0981	2,372,074.0283
6112	386,558.3973	2,372,082.5694
6113	386,533.9645	2,372,092.3688
6114	386,527.3192	2,372,090.5361
6115	386,523.4724	2,372,088.4907
6116	386,520.8604	2,372,085.0037
6117	386,460.0371	2,371,949.9998
6118	386,455.3547	2,371,939.6067
6119	386,453.0247	2,371,934.7843
6120	386,450.4399	2,371,930.0936
6121	386,406.8019	2,371,855.6877
6122	386,407.1485	2,371,852.1757

6100 = COORDINATE POINT NO.  
SEE SHEET NO. 4 FOR PLAT COORDINATES



STAGE STORAGE DISCHARGE RESERVE B DETENTION POND		
ELEVATION (FEET)	TOTAL VOLUME (ACRE-FOOT)	DISCHARGE (CFS)
1380.0	0.00	-
1381.0	0.18	-
1382.0	0.41	-
1383.0	0.67	-
1384.0	0.99	-
1385.0	1.36	-
1386.0	1.79	-
1387.0	2.27	-
1388.0	2.82	0
1388.5	3.12	13.1
1389.0	3.43	31.2
1389.6	3.86	33.5

Remove and Salvage Existing Riprap  
Grade Around Existing 24" RCP  
as Necessary and Replace Riprap.  
Subsidiary to "Site Clearing".

- LEGEND**
- SLOPE PROTECTION RIPRAP STONE (5"x 9")
  - LIGHT STONE RIPRAP (18")
  - EROSION CONTROL MAT
  - SIDEWALK REMOVAL

See Sheet No. 9 for  
Section A-A, Section B-B,  
Pond Grading Notes and  
Pond Sealing Notes.

EROSION CONTROL MAT SHALL BE NORTH AMERICAN GREEN P300 OR APPROVED EQUIVALENT. INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.

PAID FOR AS S.Y. "EROSION CONTROL MAT" AS INDICATED ON PLANS. THE BID PRICE SHALL BE CONSIDERED FULL COMPENSATION FOR ALL MATERIALS, LABOR, EQUIPMENT, TOOLS, AND INCIDENTS NECESSARY TO COMPLETE WORK.

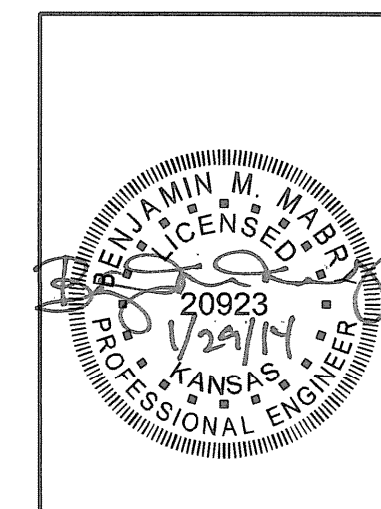
PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE THE EXISTING 15" AND 24" RCP TO VERIFY PIPE SIZE, TYPE, AND HORIZONTAL AND VERTICAL LOCATION. THE CONTRACTOR SHALL REPORT HIS FINDINGS TO THE ENGINEER SO THAT ANY NECESSARY PLAN MODIFICATIONS MAY BE MADE. ANY ADDITIONAL LABOR OR MATERIALS NECESSARY TO COMPLETE THE WORK SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT.

STAGE STORAGE DISCHARGE RESERVE C DETENTION POND		
ELEVATION (FEET)	TOTAL VOLUME (ACRE-FOOT)	DISCHARGE (CFS)
1367.0	0.00	-
1368.0	0.05	-
1369.0	0.14	-
1370.0	0.27	-
1371.0	0.44	-
1372.0	0.66	-
1373.0	0.92	-
1374.0	1.24	-
1375.0	1.61	2.9
1375.5	1.82	10.7
1376.0	2.04	30.4
1376.5	2.27	65.4
1377.0	2.52	86.0
1377.5	2.79	97.0
1378.0	3.07	107.0
1378.5	3.25	112.0
1378.5	3.37	116.0
1379.0	3.68	124.0

Remove and Salvage Existing Riprap  
Remove Approximate 15 L.F.  
of Exist. 15" RCP (SE)  
(Including End Section)  
I=1376.04  
Reinstall 15" End Section and  
Riprap. Subsidiary to "Site Clearing".

Remove Existing Conc. Headwall  
Const. New 48" Conc. Headwall  
Reuse Existing Structural Steel Grate.  
Subsidiary to "Headwall (48)".  
See Sheet No. 22.

Saved 01-24-2014 5:49:00 AM by BJS  
 Plot Scale 1" = 0' 12" 28'-2014 3:55:16 PM by BJS  
 Q:\2013\13438\002\13438-002-086-POND GRADING PLAN



No.	Revision	By	Date
GLEN MEADOWS 2ND ADDITION STORM WATER DRAIN NO. 359 <b>POND GRADING PLAN</b> GARY JANZEN, P.E. - CITY ENGINEER CITY OF WICHITA PROJECT NO. 468-84634 			
Designed by	BMM	Job No. 35-13438-002	Sht. 08 of 28
Drawn by	BJS	Date September 2013	