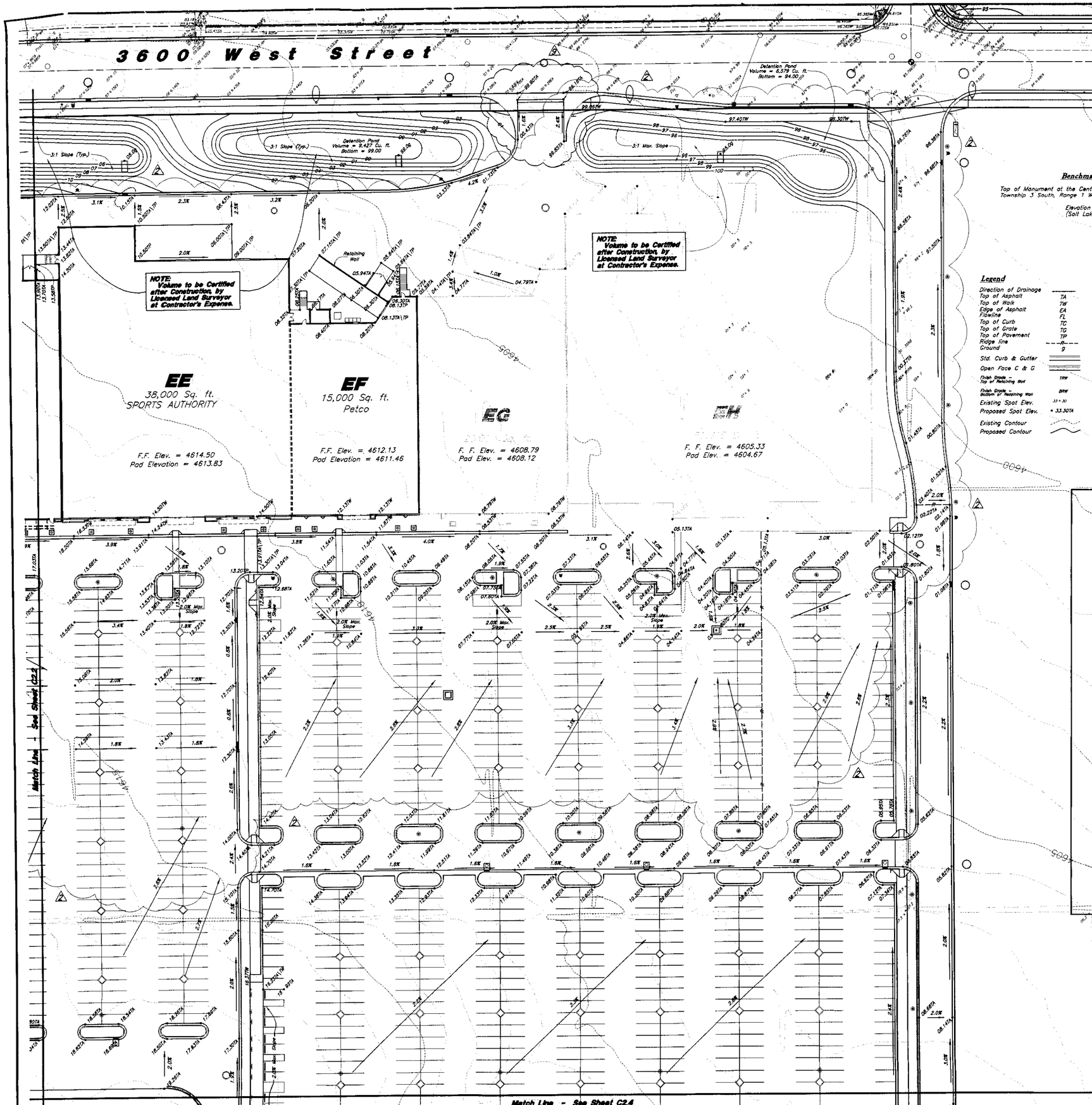


Benchmark

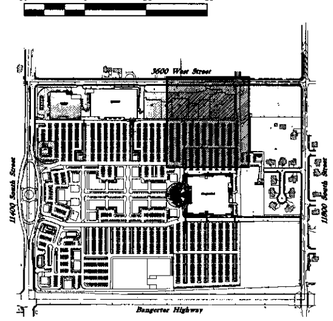
Top of Monument at the Center of Section 20, Township 3 South, Range 1 West

Elevation = 4634.99
(Salt Lake County)

Legend

Direction of Drainage	
Top of Asphalt	TA
Top of Walk	TW
Edge of Asphalt	EA
Flowline	FL
Top of Curb	TC
Top of Grate	TG
Top of Pavement	TP
Ridge line	
Ground	g
Std. Curb & Gutter	
Open Face C & G	
Finish Grade - Top of Retaining Wall	TRW
Finish Grade - Bottom of Retaining Wall	BRW
Existing Spot Elev.	33 + 30
Proposed Spot Elev.	• 33.30TA
Existing Contour	
Proposed Contour	

Scale : 1" = 30'



Key Map

General Grading Notes:

1. All work shall be in accordance with the South Jordan City Public Works Standard.
2. Cut slopes shall be no steeper than 2 horizontal to 1 vertical.
3. Fill slopes shall be no steeper than 2 horizontal to 1 vertical.
4. Fills shall be compacted per the recommendations of the geotechnical report prepared for the project and shall be certified by the geotechnical engineer.
5. Areas to receive fill shall be properly prepared and approved by the City inspector and geotechnical Engineer prior to placing fill.
6. Fills shall be benched into competent material as per specifications and geotechnical report.
7. All trench backfill shall be tested and certified by the site geotechnical engineer per the grading code.
8. A geotechnical engineer shall perform periodic inspections and submit a complete report and map upon completion of the rough grading.
9. The final compaction report and certification from the geotechnical engineer shall contain the type of field testing performed. Each test shall be identified with the method of obtaining the in-place density, whether sand cone or drive ring and shall be so noted for each test. Sufficient maximum density determinations shall be performed to verify the accuracy of the maximum density curves used by the field technician.
10. Dust shall be controlled by watering.
11. The location and protection of all utilities is the responsibility of the permitee.
12. Approved protective measures and temporary drainage provisions must be used to protect adjoining properties during the grading project.
13. All public roadways must be cleared daily of all dirt, mud and debris deposited on them as a result of the grading operation. Cleaning is to be done to the satisfaction of the city engineer.
14. The site shall be cleared and grubbed of all vegetation and deleterious matter prior to grading.
15. The contractor shall provide shoring in accordance with OSHA requirements for trench walls.
16. Aggregate base shall be compacted per the geotechnical report prepared for the project.
17. Elevations shown on this plan are finish grades. Rough grades are the subgrades of the improvements shown hereon.
18. The recommendations in the following Geotechnical Engineering Reports by AGEC are included in the requirements of grading and site Preparation.

    Project Numbers: 1040942, 1040944, 1040943
    Dated: January 26, 2005 / January 24, 2005 / January 22, 2005

19 As part of the construction documents, owner has provided contractor with a topographic survey performed by manual or aerial means. Such survey was prepared for project design purposes and is provided to the contractor as a courtesy. It is expressly understood that such survey may not accurately reflect existing topographic conditions.

20. Erosion Control: Protect all inlet boxes, catch basins, etc. with straw bales during construction. Protect surrounding properties and streets from site runoff with sandbags and earth berms.

Curb and Gutter Construction Notes:

1. Open face gutter shall be constructed where drainage is directed away from curb.
2. Open face gutter locations are indicated by shading and notes on site and grading plan.
3. It is the responsibility of the surveyor to adjust top of curb grades at the time construction staking.
4. Refer to the typical details for a standard and open face curb and gutter for dimensions.
5. Transitions between open face and standard curb and gutter are to be smooth. Hand form these areas if necessary.

TARGET

REVIEWED BY:

Development Manager
___ Revise and Resubmit ___ Not Reviewed ___ Approved as Noted ___ Approved

Project Architect
___ Revise and Resubmit ___ Not Reviewed ___ Approved as Noted ___ Approved

Project Engineer (M)
___ Revise and Resubmit ___ Not Reviewed ___ Approved as Noted ___ Approved

Project Engineer (E)
___ Revise and Resubmit ___ Not Reviewed ___ Approved as Noted ___ Approved

Project Engineer (S)
___ Revise and Resubmit ___ Not Reviewed ___ Approved as Noted ___ Approved

Approved only for conformance of the site construction documents to Target Developer Guide, Edition 2.4 and the Target building documents. Consultant is solely responsible for completeness, accuracy, and dimensions on the site construction documents.

REV.	DATE	DESCRIPTION
9	28 Sep. 2005	Revisions to Grading at Drives along 3600 West
8	26 Sep. 2005	Revisions to Sewer and Water in 11400 South Street
7	13 Sep. 2005	Added Sewer, Water and Storm Drain Lines
6	11 Aug. 2005	Revisions to Add Water & Storm Drain Laterals to Central District
5	5 Aug. 2005	Revisions to Sewer Laterals and Pedestrian Crosswalks
4	3 Aug. 2005	Revisions to Overall Water System
3	20 Jul. 2005	Revisions to Waterline and Southern Storm Drain
2	12 Jul. 2005	Revisions to Grades and Layout South of Target
1	28 Jun. 2005	Revisions per South Valley Sewer District

GREAT BASIN ENGINEERING - SOUTH
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Grading Plan

The District

11400 South Street and Bangerter Highway
South Jordan, Utah

31 May, 2005

SHEET NO.
C2.3

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