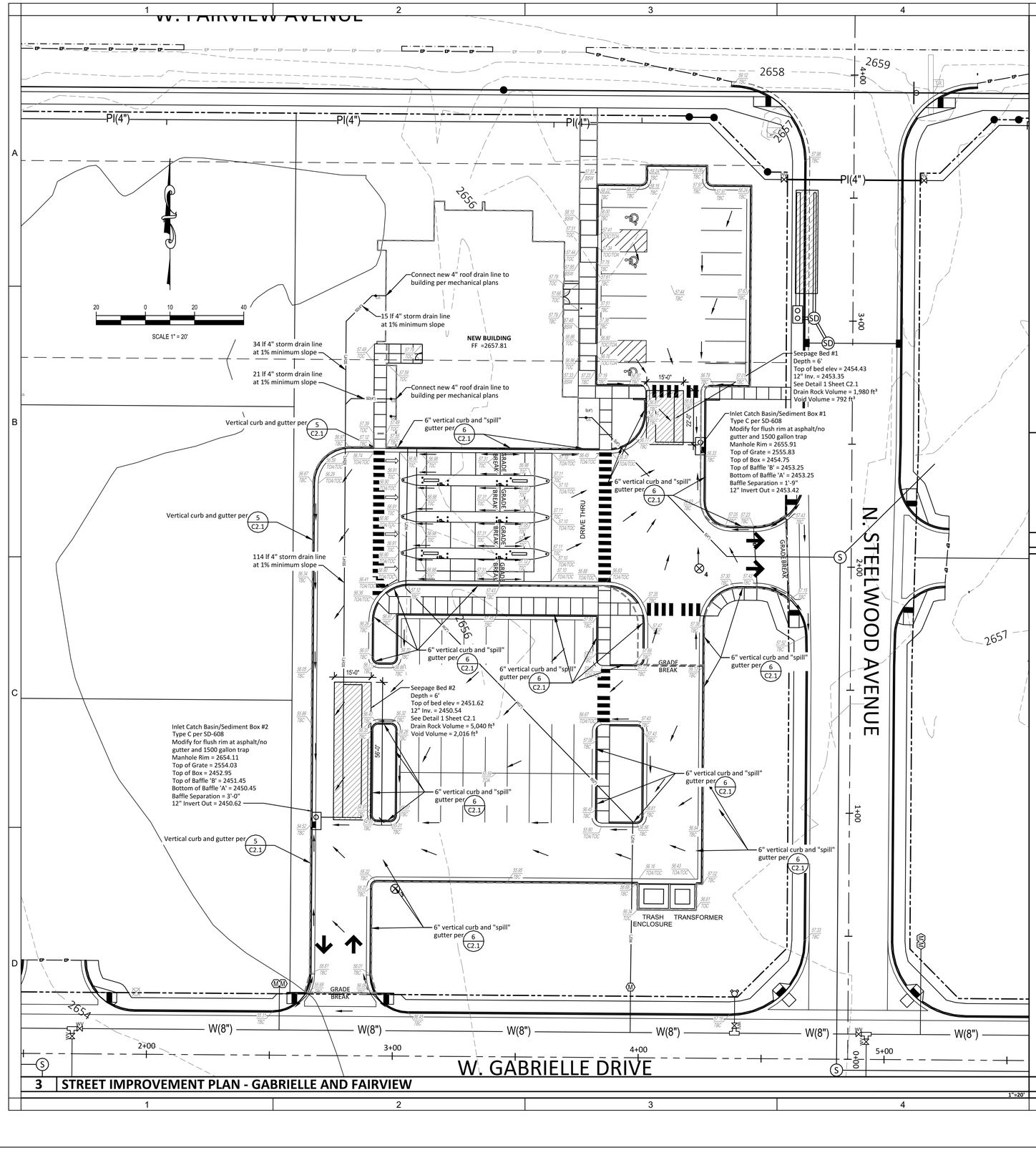


3 STREET IMPROVEMENT PLAN - GABRIELLE AND FAIRVIEW

SAGE ENGINEERING
1693 S. CORONADO AVE. - BOISE, ID 83709
PHONE: (208) 855-5082 http: //www.sage-eng.com

DRAINAGE AND GRADING PLAN
IDAHO CENTRAL CREDIT UNION
FAIRVIEW BRANCH

LOT 5, BLOCK 1, WILD SHAMROCK CENTER
TOWNSHIP 3 NORTH, RANGE 1 EAST, BOISE MERIDIAN
ADA COUNTY, IDAHO
2016

DRAINAGE ZONES
Areas in square feet

Type	Zone 1	Zone 2
Asphalt	9,962	16,644
Concrete	2,755	3,791
Roof	0	8,891
Landscape	629	1,669
TOTAL	13,346	30,995

1 DRAINAGE ZONES

2 DRAINAGE AND GRADING NOTES

NOTES

1. Refer to architectural and structural drawings for building dimensions and details.
2. Arrows indicate the direction of water flowing in pipes and across the ground surface.
3. See Materials Testing and Inspection, Inc. Geotechnical Engineering Report (dated 23 September 2016) for soils information, construction recommendations, excavation and fill requirements, and associated information.
4. Erosion protection - the contractor shall contain all drainage on site during construction and provide erosion protection for excavations throughout the project. See the Erosion and Sediment Control Plan.
5. All work shall conform to the requirements of the plat and the restrictive covenants of Wild Shamrock Center Subdivision.
6. All storm drainage piping shall be suitable PVC or HDPE piping with a minimum of 24" of cover and set at 1% slope minimum. Slope must provide for positive drainage from the most remote drain to the system outfall point.
7. Grades shown are truncated for ease of display, e.g. 2656.50 is shown as 56.50.
8. All work shall be done the right-of-way shall be in accordance with the the current accepted edition of the ISPWC, and/or the City of Boise Standard Specifications and Drawings, and/or the requirements of the Ada County Highway District. No exception to ACHD policy, standards, or the ISPWC will be allowed unless specifically and previously approved in writing by ACHD.
9. The Contractor shall maintain all existing drainage facilities within the construction area until the drainage improvements are in place and functioning.
10. All Contractors working within the project boundaries are responsible for compliance with all applicable safety laws of any jurisdictional body. The Contractor shall be responsible for all barricades, safety devices, and control of traffic within and around the construction area.
11. All material furnished on or for the project must meet the minimum requirements of the approving agencies or as set forth herein, whichever is more restrictive. Contractors must furnish proof that all materials installed on this project meet requirements at the request of the approving agency and/or the Design Engineer.
12. The locations of existing underground utilities are shown in an approximate way only. The Contractor shall determine the exact location of all existing utilities before commencing work. The Contractor assumes all responsibility for any and all damages caused by his failure to exactly locate and preserve any and all underground utilities.
13. Work subject to approval by any political subdivision or agency must be approved prior to (A) backfilling trenches for pipe; (B) placing of aggregate base; (C) placing of concrete; (D) placing of asphalt paving. Work done without such approval does not relieve the Contractor from the responsibility of performing the work in an acceptable manner.
14. All Contractors working within the public road right-of-way are required to secure a right-of-way construction permit from ACHD at least twenty-four (24) hours prior to any construction.
15. Only plan sets stamped "Approved for Construction" and signed by the City Engineer or his authorized representative shall be used by the project contractor(s). Use of any plans on the job without the "Approved for Construction" stamp shall be grounds for the issuance of a stop work order.
16. The final grading and drainage features shall be inspected by the project engineer prior to occupancy.
17. Retain and protect all utilities unless noted otherwise on these plans.
18. Grade the perimeter of the site to maintain storm water runoff on site. Note the proposed contours and grading arrows to ensure site runoff is maintained on-site to the maximum extent practical.
19. Locate subsurface stormwater disposal facilities (including infiltration beds and drywells) at least 25 feet from water mains. This requirement does not apply to catch basins or sand and grease vaults.
20. Refer to architectural drawings for landscaping.
21. The contractor shall contact Digline 48 hours prior to digging to verify the location of existing utilities.
22. Compaction shall not be less than 95% of the Standard Proctor Density.
23. The contractor shall call Boise Public Works for the inspection of all drainage facilities construction. 24 notice is required. Drainage facilities will not be approved by the City of Boise unless the inspections are performed.

LCA Architects, P.A.
ARCHITECTURE – PLANNING – INTERIOR DESIGN
122 Shoreline Lane
Boise, Idaho 83702
PHONE: (208) 345-6977 – FAX: (208) 344-9002

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STAMP

IDAHO CENTRAL CREDIT UNION FAIRVIEW BRANCH

DRAINAGE AND GRADING PLAN

MRK	DATE	DESCRIPTION

JOB NO.:	16223.01
DATE:	11/29/16
DRAWN BY:	R.J Smith
CHECKED BY:	R.J Smith, P.E.

SHEET NO.
C2.0