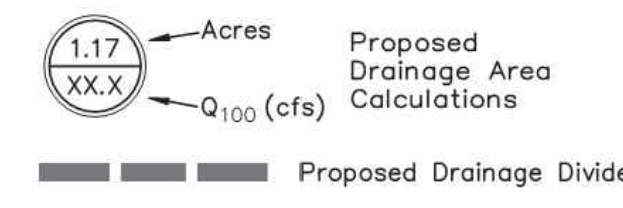
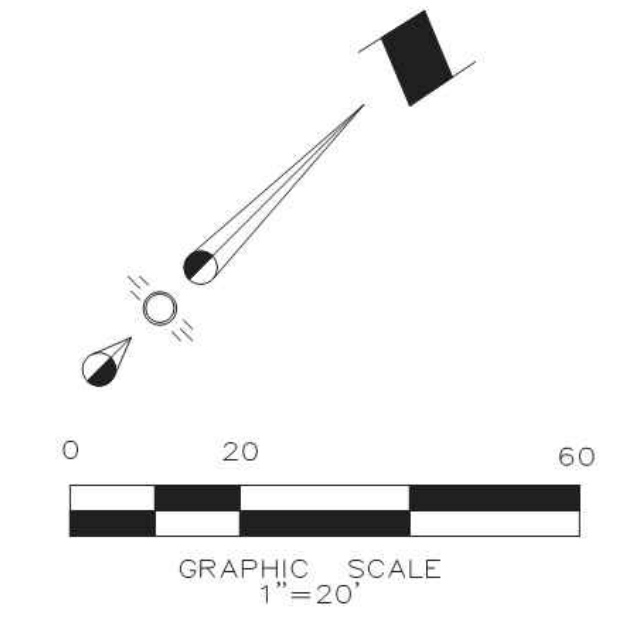


CAUTION EXISTING UTILITIES!!!!
 All existing utilities and underground facilities that are indicated and shown on these plans are approximate, and are based on as-built plans and/or from reference information. Actual utility locations may differ from the as-built plans based on field observations. All utilities shall be field verified and located prior to any excavation or boring. It shall be the responsibility of the Contractor to verify both horizontally and vertically the location of such existing utilities prior to any construction.



PROPOSED CONDITIONS DRAINAGE CALCULATIONS

Area Designation (Acres)	Area (Acres)	Runoff Coefficient	Time of Concentration (Min)	Rainfall Intensity (in/Hr)	100 Year Runoff Rate (CFS)
D.A. 1	1.17	0.85	10	9.8	9.7
D.A. 2	0.45	1.0	10	9.8	4.4

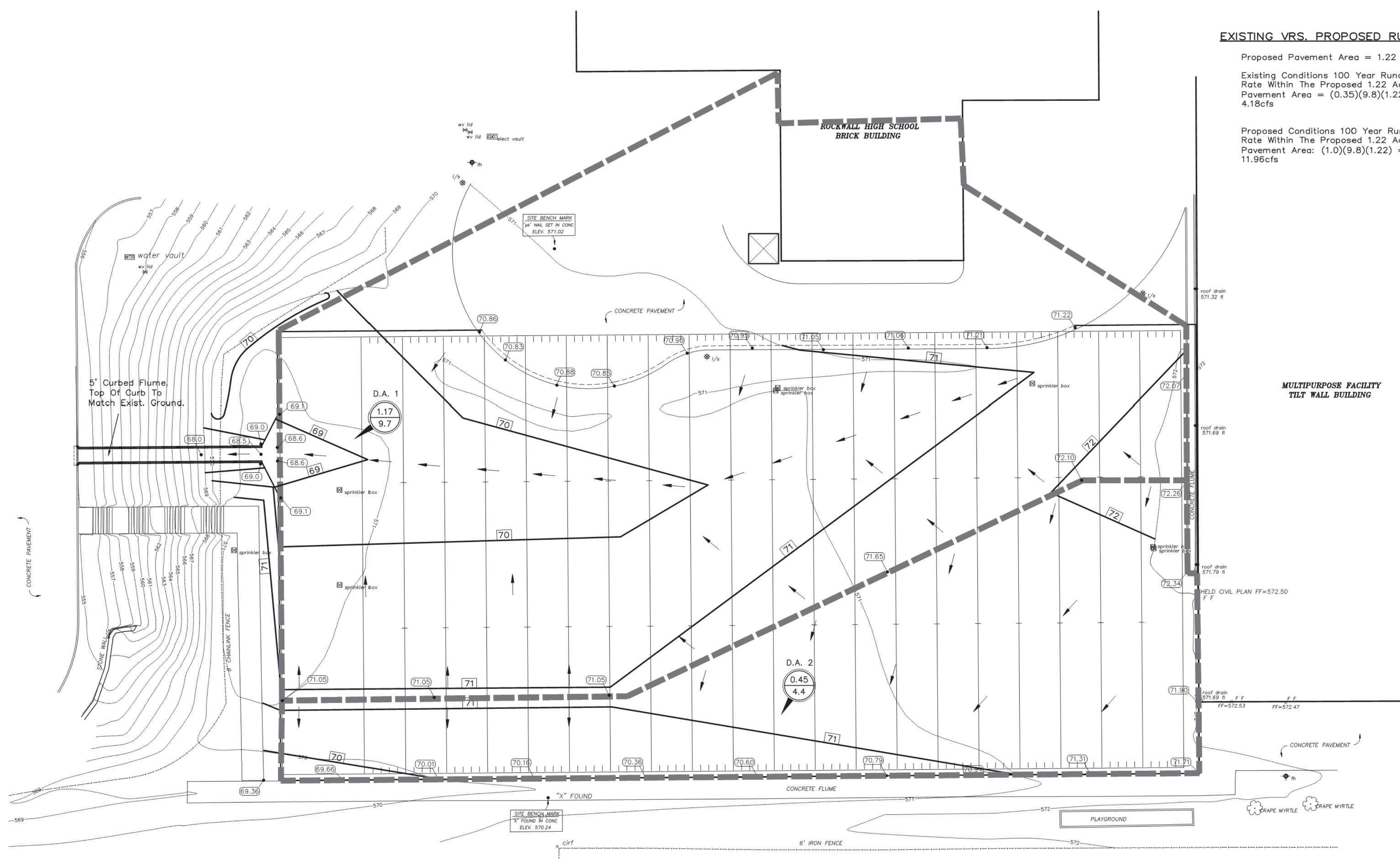


EXISTING VRS. PROPOSED RUNOFF

Proposed Pavement Area = 1.22 Acres
 Existing Conditions 100 Year Runoff Rate Within The Proposed 1.22 Acre Pavement Area = (0.35)(9.8)(1.22) = 4.18cfs
 Proposed Conditions 100 Year Runoff Rate Within The Proposed 1.22 Acre Pavement Area: (1.0)(9.8)(1.22) = 11.96cfs

GRADING NOTES

- All materials and construction shall conform to the City of Rockwall Standards and Specifications, and North Central Texas Council of Governments Standard Specifications for Public Works Construction, Latest Edition.
- Prior to starting construction, the Contractor shall make certain that all required permits and approvals have been obtained. No construction or fabrication shall begin until the Contractor has received and thoroughly reviewed all plans and other documents approved by all of the permitting authorities.
- In the event an item is not covered in the City's specs., the City Engineer's decision shall apply.
- Contractor shall meet O.S.H.A requirements for trench safety.
- Barricading, traffic control, and project signs shall conform To Texas Department of Transportation.
- The Contractor shall verify the suitability of all existing and proposed site conditions, including grades and dimensions before commencement of any construction. In the event of any conflict, and prior to commencement of any construction, immediately notify Engineer. Minor adjustments of finish grade to accomplish spot drainage are acceptable if necessary, upon prior approval of Engineer. All paving installed shall "flush out" at any juncture with existing paving. All islands shall be crowned to allow positive drainage over top of curb.
- The locations of underground utilities shown on this plan are based on field surveys and local utility company records. It shall be the Contractor's full responsibility to contact the various utility companies to locate their utilities prior to starting construction. Any damage to existing utilities is to be repaired at Contractor's expense.
- Proposed spot elevations are finished grade elevations.
- All subgrade preparation shall be as directed in accordance with the Geotechnical Report.
- All proposed grades in landscaped areas are finished grade elevations. Contractor to allow for sodding of these areas.
- Any damage to adjoining property during construction shall be repaired to pre construction conditions or better at the expense of the Contractor.
- Erosion control shall be in place prior to the disturbance of any existing surface.
- All sidewalk slopes including crosswalks, shall not exceed the following ADA requirements
 1:20 longitudinal (along the walk)
 1:50 per foot transverse (across the walk)
- All accessible parking space slopes including walks aisles, shall not exceed 2.0% or 1:50 in any direction.
- It shall be the Contractor's responsibility to remove excess earthwork material from the site at no additional cost to the owner.
- If additional earthwork material is required to achieve the grades indicated, it shall be imported by the Contractor at no additional cost to the owner.



LEGEND

XX.X	Proposed Spot Elevation
71.44	Existing Spot Elevation
71	Proposed Contour
571	Existing Contour
→	Direction of Flow

ADDENDUM #1
 PC - REMOVE STORM FLUME AND PARKING
 PC - REMOVED STORM SEWER

Date

11/22/2016
09/11/2017
12/04/2017

Revision /

1	2	3
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Project: **ROCKWALL HIGH SCHOOL RENOVATIONS FOR ROCKWALL HIGH SCHOOL ROCKWALL I.S.D. 901 YELLOW JACKET LN, ROCKWALL, TX 75087**



EXISTING DA MAP

100% CD	VOLUME
Job No. 1738-02-01	Sheet No. CG
Drawn By: RAH	Date: 12-03-2016
1.1	

Apr 12, 2016, 4:37PM User: rconroy
 Plotted: Apr 20, 2018, 9:56 AM by user: robert - Saved: 4/20/2018 by user: robert - D:\Public\Bob's Projects\ROCKSD\High-School\2016 WALL REPAIR\BIDSET\2016 ROCKWALL-HS ENG5 REV STORM FLUME.dwg

MISC. INFORMATION	REVISION	DATE	DESCRIPTION
NOTE: Prior to beginning any construction or construction staking, it shall be the Contractor's responsibility to contact the civil engineer to insure that all parties are in possession of the most current set of construction documents.			

RLK ENGINEERING, INC.
 111 West Main
 Allen, Texas 75013
 (972) 359-1733 Off
 (972) 359-1833 Fax
 Texas Registration No. 579



GRADING & DRAINAGE PLAN
 ROCKWALL HIGH SCHOOL
 ROCKWALL, TEXAS

SIGNED BY: RLK Engineering	TECH REVIEW: RLK	DRAWING FILE: 16028 GRAD.dwg	DRAWING SCALE: 1"=20'	SHEET: C 2 OF 4
DRAWN BY: RLK Engineering	PEER REVIEW: RLK	DRAWING DATE: 4-12-16	PROJECT NUMBER: RLK 16028	

RECORD DRAWING
 This is to certify that changes and corrections have been made to conform to the contractor's record of this project.
 Signed: *Mike Glenn* Date: March 28, 2018
 Glenn Engineering Corporation

GLENN ENGINEERING
 TEXAS REGISTRATION NUMBER: F-303
 PHONE 972-717-5151 FAX 972-717-2176
 105 DECKER COURT, SUITE 910
 IRVING, TEXAS 75062

FOR INFORMATION ONLY