



City of Galveston

Engineering Department

engineering@galvestontx.gov | (409) 797 - 3644 | www.galvestontx.gov

RESIDENTIAL DRAINAGE PLAN REQUIREMENTS

- A. Existing and Post Construction spot elevations on a 15-foot grid, including lot corners, along property boundaries, and around building perimeters.
- B. All building footprints, dimensions, easements, and main floor elevations.
- C. Existing and proposed surface treatment throughout property (swales, paving, landscaping, fence, gravel, etc.)
- D. Drainage is conveyed safely to the ROW, drainage easement, or to the Bay without impacting the public.
- E. Subsurface site drainage required for sites larger than 15,000 square feet or having a frontage wider than 150-ft.
- F. Maximum 12 inch rise in elevation with fill in VE zones per FEMA requirements along with P.E. certification that "Fill shall not be used to support structures".
- G. If the lot drains directly to the bay, provide spot elevations (no P.E. or R.P.L.S. seals are required).
- H. If there is no subdivision drainage plan (as-built) and there are no changes to existing grades, a statement signed and sealed by Texas Professional Engineer is required on the plan that states "No fill shall be brought onsite, no changes shall be made to existing grading, and post development drainage shall not impact the public. Contractor/builder shall be 100% liable for deviation from these requirements".
- I. If there is an existing subdivision drainage plan (as-built) and site topography is not being altered:
 - 1. please request the approved drainage plan (as-built) online at: [https://mycusthelp.com/GALVESTONTX/rs/\(S\(xz13g2bupmn5ox3fr2a0bsel\)\)/supporthome.aspx](https://mycusthelp.com/GALVESTONTX/rs/(S(xz13g2bupmn5ox3fr2a0bsel))/supporthome.aspx),
 - 2. attach the approved drainage plan (as-built) to the permit application,
 - 3. reference (2) in your site plan and have the Texas Professional Engineer state, "No fill shall be brought to site, no changes shall be made to existing grading or drainage plan (as-built), and there shall be no drainage impact to neighborhood properties. Contractor/builder shall be 100% liable for deviation from these requirements based on City Inspection."





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J. If there is an existing subdivision drainage plan (as-built) and site topography is being altered with fill being brought on site with drainage impacts to neighborhood properties:

1. please request the approved drainage plan (as-built) online at:
[https://mycusthelp.com/GALVESTONTX/rs/\(S\(xz13g2bupmn5ox3fr2a0bsel\)\)/supporthome.aspx](https://mycusthelp.com/GALVESTONTX/rs/(S(xz13g2bupmn5ox3fr2a0bsel))/supporthome.aspx) ,
2. attach the approved drainage plan (as-built) to the permit application (if provided by the City),
3. provide a drainage plan in accordance with the go-bys provided in exhibit A or B that is modified by your engineer to be specific to your site to alleviate these neighborhood impacts. **Apply for separate fill permit if fill is being brought onsite.**

City of Galveston s details for application to your engineering design are at:

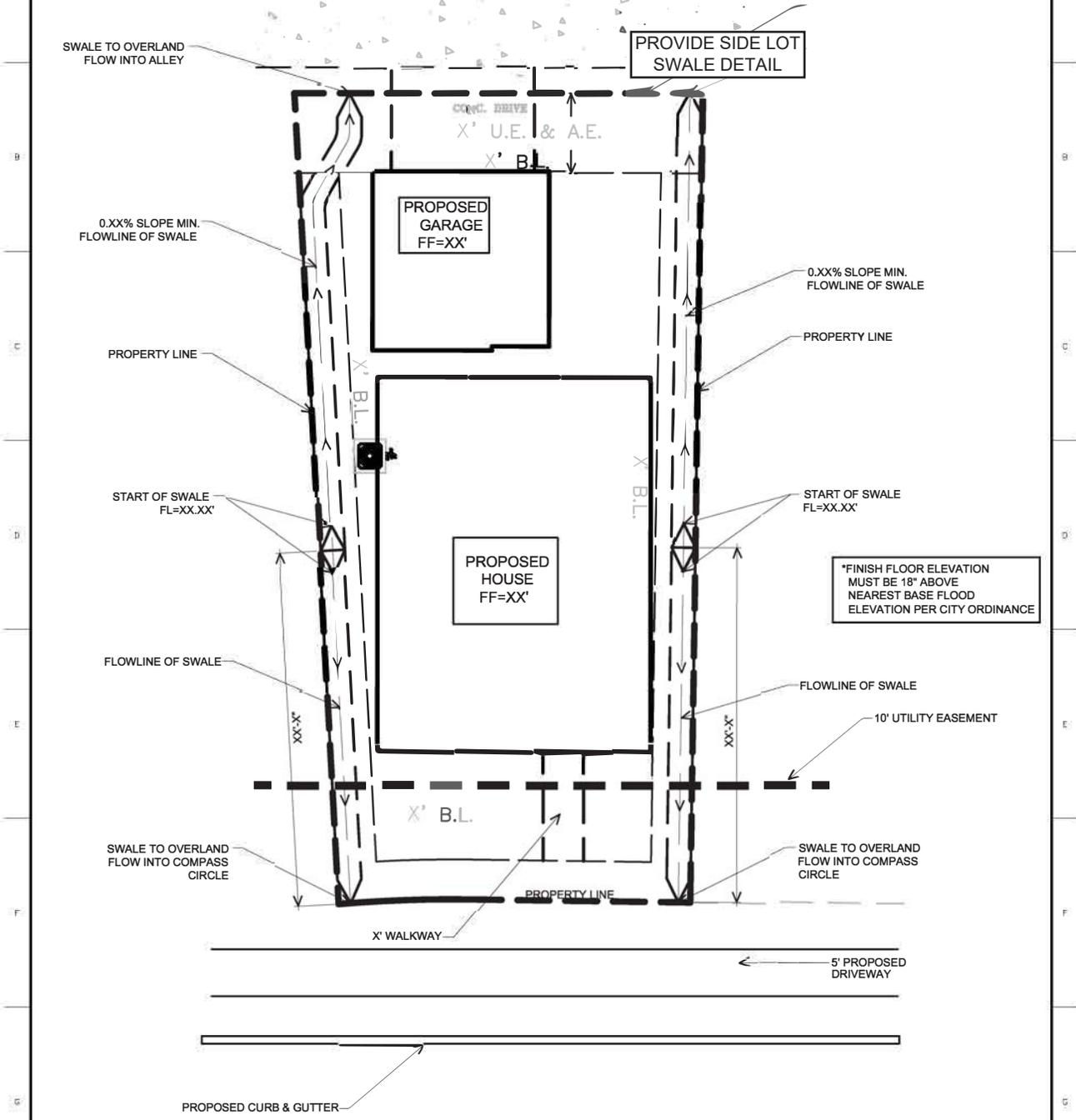
<http://www.cityofgalveston.org/921/Details>



EXHIBIT "A"

No fill shall be brought to site, no changes shall be made to existing grading or drainage plan (as-built), and there shall be no drainage impact to neighborhood properties. Contractor/ builder shall be 100% liable for deviation from these requirements based on City Inspection.

XX' ALLEY & U.E.



*FINISH FLOOR ELEVATION MUST BE 18" ABOVE NEAREST BASE FLOOD ELEVATION PER CITY ORDINANCE

FOR ILLUSTRATIVE PURPOSE ONLY

CITY OF GALVESTON, TEXAS
ENGINEERING DIVISION
DEPARTMENT OF PUBLIC WORKS

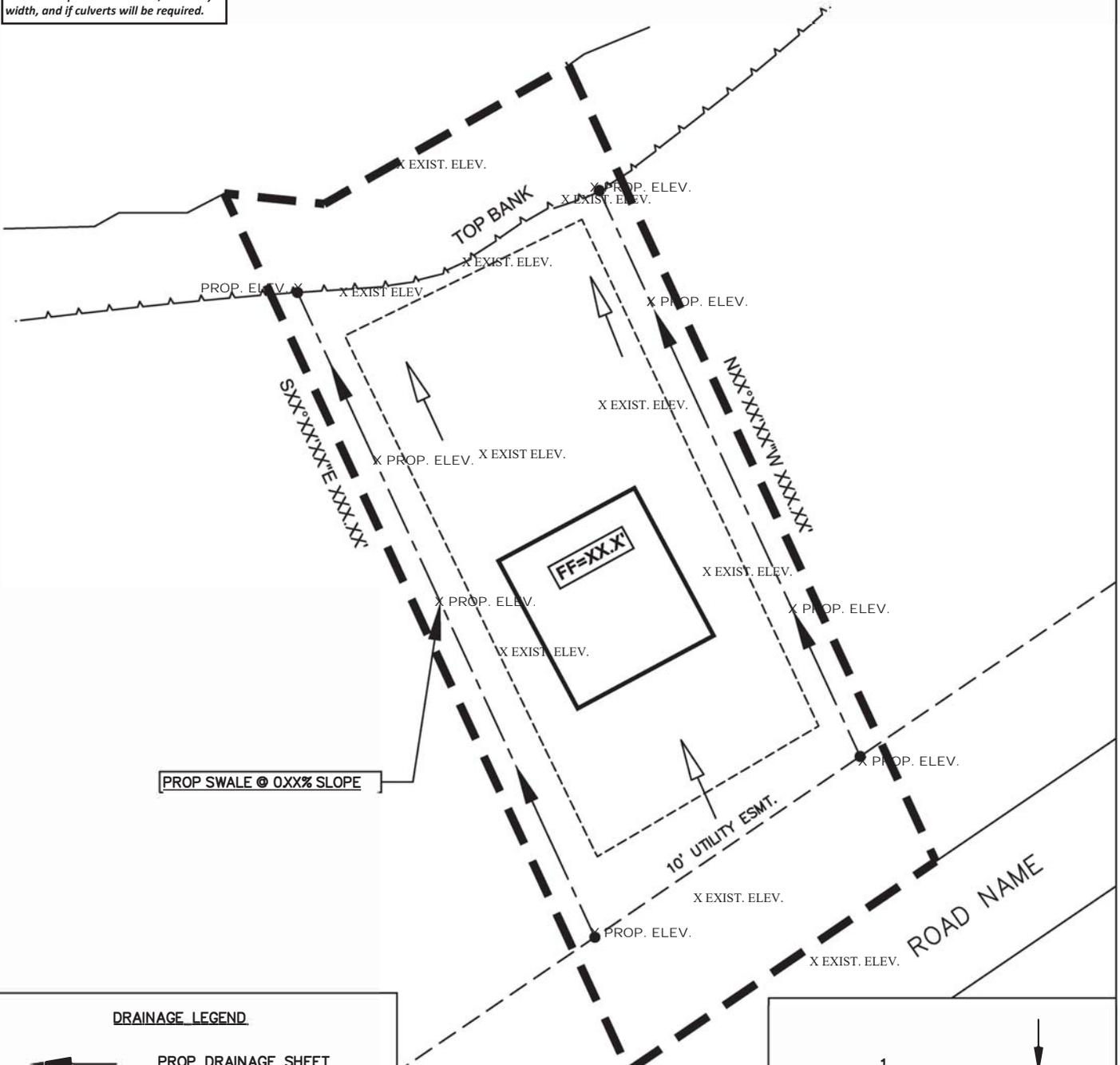


PROJECT NAME		SCALE	DATE
DWC NO		JOB NO	REV.
DRAWING TITLE		DRAINAGE PLAN	



EXHIBIT "B"

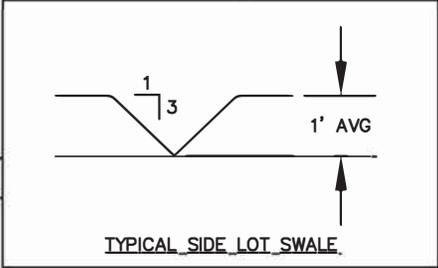
Please provide the cubic yard of material that will be placed at the site, driveway width, and if culverts will be required.



DRAINAGE LEGEND

-  PROP DRAINAGE SHEET FLOW ARROW
-  EXIST DRAINAGE SHEET FLOW ARROW

FINISH FLOOR ELEVATION MUST BE 18" ABOVE NEAREST BASE FLOOD ELEVATION PER CITY ORDINANCE



NOTE: FOR ILLUSTRATIVE PURPOSE ONLY NOT TO SCALE



CITY OF GALVESTON, TX
ENGINEERING DIVISION
FEBRUARY, 2019

DRAINAGE PLAN