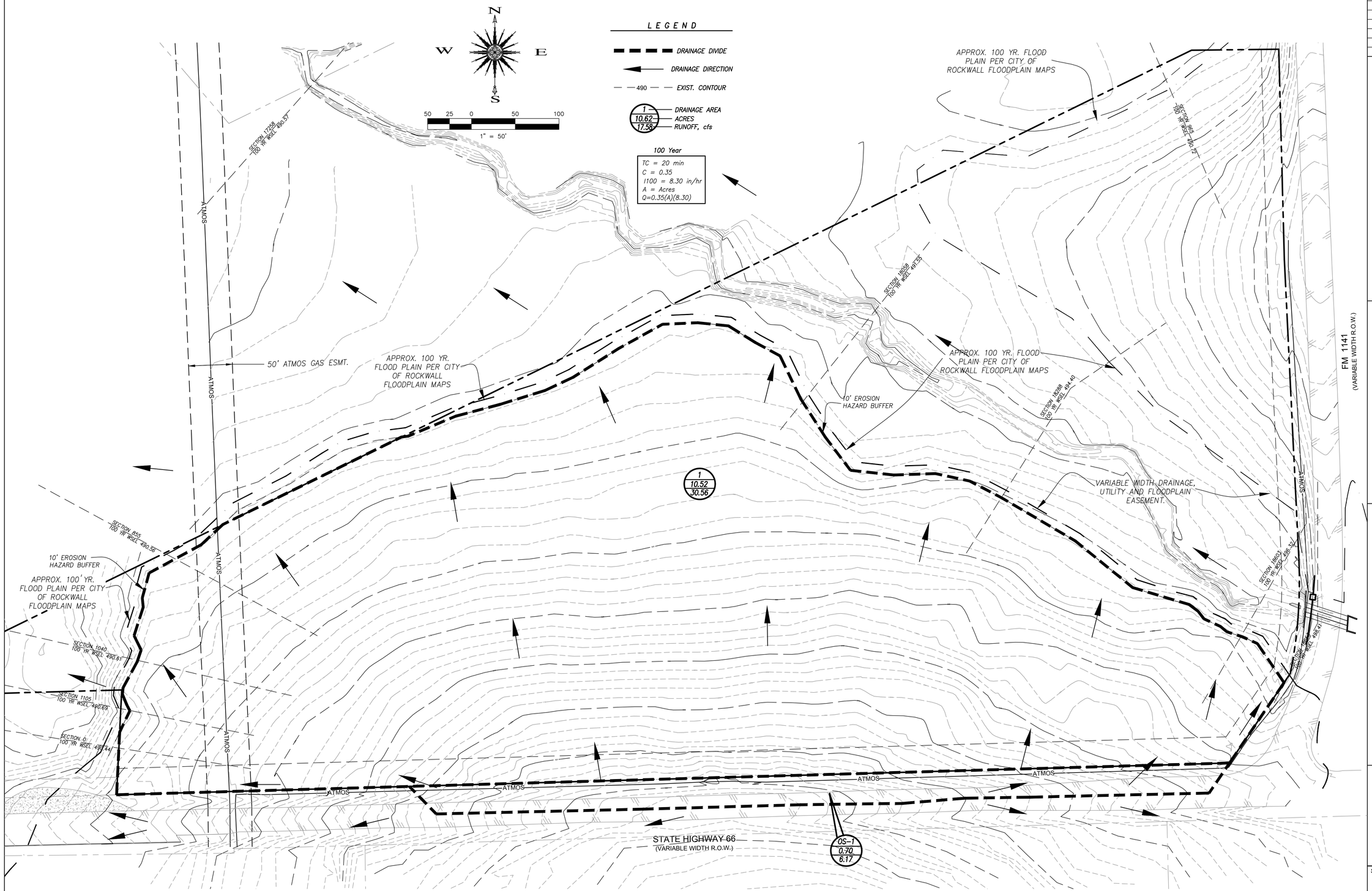


| PRE DEVELOPED DRAINAGE AREA CALCULATIONS | | | | | | |
|---|---|---|---|---|---|---|
| Drainage Area No. | Total Area (Acres) | Runoff Coefficient C | Time of Concentration Tc (Min.) | Rainfall Intensity $I_{100}$ (in/hr) | Proposed Flow $Q_{100}$ (cfs) | Remarks |
| OS-1 | 0.70 | 0.90 | 10 | 9.80 | 6.17 | FLOWS TO SITE |
| 1 | 10.52 | 0.35 | 20 | 8.30 | 30.56 | FLOWS TO ADJACENT FLOODPLAIN |
| ***TOTAL*** | ***11.22*** | | | | ***36.73*** | |

**CONSTRUCTION RECORD**

| Revision | Date | Description |
|---|---|---|
| | | |

Owner/Developer:
WHITTLE DEVELOPMENT
P.O. Box 369
Rockwall, Texas 75087
Phone 972.771-5253

Engineer:
F.C. CUNY CORPORATION
#2 Horizon Court • Ste. 590 • Heath, Texas 75032
Phone: 469-402-7700
Fax: 469-402-7706
Texas Registered Engineering Firm F-7449

# The Highlands
City of Rockwall, Rockwall County, Texas

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY CHRISTOPHER R. CUNY, P.E. 65642

STATE OF TEXAS
CHRISTOPHER R. CUNY
65642
REGISTERED PROFESSIONAL ENGINEER

2/11/2021

Sheet Title:
*Pre Developed Drainage Plan*

| Drawn By: FC CUNY | Checked By: FC CUNY |
|---|---|
| Date: 08-18 | Project No.: |
| Scale: 1" = 50' | Sheet No.: 5 of 12 |