

Sheet:
 Property ID:
 Lot #:
 File #:
 Code:

**SOIL/SITE EVALUATION
 for ON-SITE WASTEWATER SYSTEM**

Owner: Applicant: Cumberland Homes INC
 Address: 43 Juniper Ct Date Evaluated: 11-7-23
 Proposed Facility: Design Flow (.1949): 360
 Location of Site: Property Recorded:
 Water Supply: Public Individual Well Spring Other
 Evaluation Method: Auger Boring Pit Cut
 Type of Wastewater: Sewage Industrial Process Mixed

Property Size:

| P R O F I L E # | .1940 Landscape Position/ Slope % | Horizon Depth (In.) | SOIL MORPHOLOGY .1941 | | OTHER PROFILE FACTORS | | | | Profile Class & LTAR |
|--------------------------------------|--|---------------------------|--------------------------------|------------------------------------|------------------------------------|------------------------------|-------------------------|-------------------------|----------------------------|
| | | | .1941 Structure/ Texture | .1941 Consistence Mineralogy | .1942 Soil Wetness/ Color | .1943 Soil Depth (IN.) | .1956 Sapro Class | .1944 Restr Horiz | |
| 1 | 5-6% | 0-8 | SL, g ^c | Fr, NS, NP, SE | 7.5YR 7/6 | | | | |
| | | 8-48 | SCL, SBK | FR, SS, NS, SE | 7.5YR 6/8 | 48" | | | .4 |
| 2 | 5-6% | 0-20 | SL, g ^c | Fr, NS, NP, SE | 7.5YR 7/6 | | | | |
| | | 20-48 | SCL, SBK | FR, NS, NP, SE | 7.5YR 6/8 | 48" | | | .4 |
| 3 | 5-6% | 0-6 | SL, g ^c | Fr, NS, NP, SE | 7.5YR 7/6 | | | | |
| | | 6-45 | SCL, SBK | Fr, NS, NP, SE | 7.5YR 6/8 | | | | |
| | | 45-48 | SCL, SBK | Fr, NS, NP, SE | 7.5YR 6/8 7.5YR 6/6-48" | 48" | | | .4 |

| | | | |
|-------------------------|--|---|---|
| Description | Initial System <input checked="" type="checkbox"/> | Repair System <input checked="" type="checkbox"/> | Other Factors (.1946): Site Classification (.1948): <u>PS</u> Evaluated By: <u>RL/JH</u> Others Present: |
| Available Space (.1945) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| System Type(s) | <u>25% Red</u> | <u>25% Red</u> | |
| Site LTAR | <u>.4</u> | <u>.4</u> | |

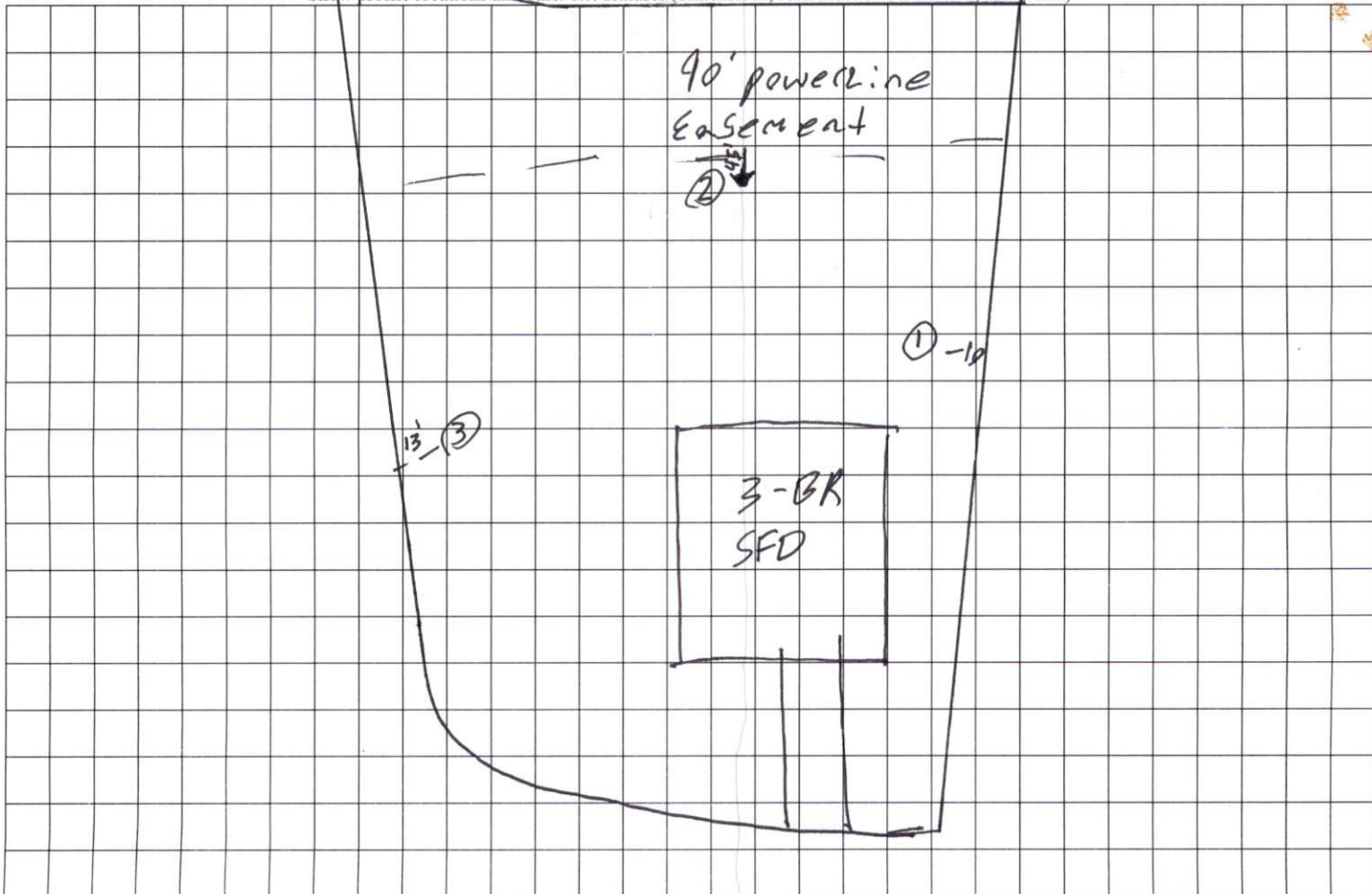
COMMENTS: _____

| LANDSCAPE POSITIONS | GROUP | TEXTURES | .1955 LTAR | CONSISTENCE MOIST | WET |
|---------------------|-------|---------------------|------------|--------------------------------|--|
| R-RIDGE | I | S-SAND | 1.2 - 0.8 | VFR-VERY FRIABLE FR-FRIABLE | NS-NON-STICKY SS-SLIGHTLY STICKY |
| S-SHOULDER SLOPE | | LS-LOAMY SAND | | | |
| L-LINEAR SLOPE | II | SL-SANDY LOAM | 0.8 - 0.6 | FI-FIRM VFI-VERY FIRM | S-STICKY VS-VERY STICKY |
| FS-FOOT SLOPE | | L-LOAM | | | |
| N-NOSE SLOPE | III | SI-SILT | 0.6 - 0.3 | EFI-EXTREMELY FIRM | NP-NON-PLASTIC SP-SLIGHTLY STICKY P-PLASTIC VP-VERY PLASTIC |
| H-HEAD SLOPE | | SIL-SILT LOAM | | | |
| CC-CONCLAVE SLOPE | | CL-CLAY LOAM | | | |
| CV-CONVEX SLOPE | | SCL-SANDY CLAY LOAM | | | |
| T-TERRACE | IV | SIC-SILTY CLAY | 0.4 - 0.1 | | |
| FP-FLOOD PLAN | | C-CLAY | | | |
| | | SC-SANDY CLAY | | | |

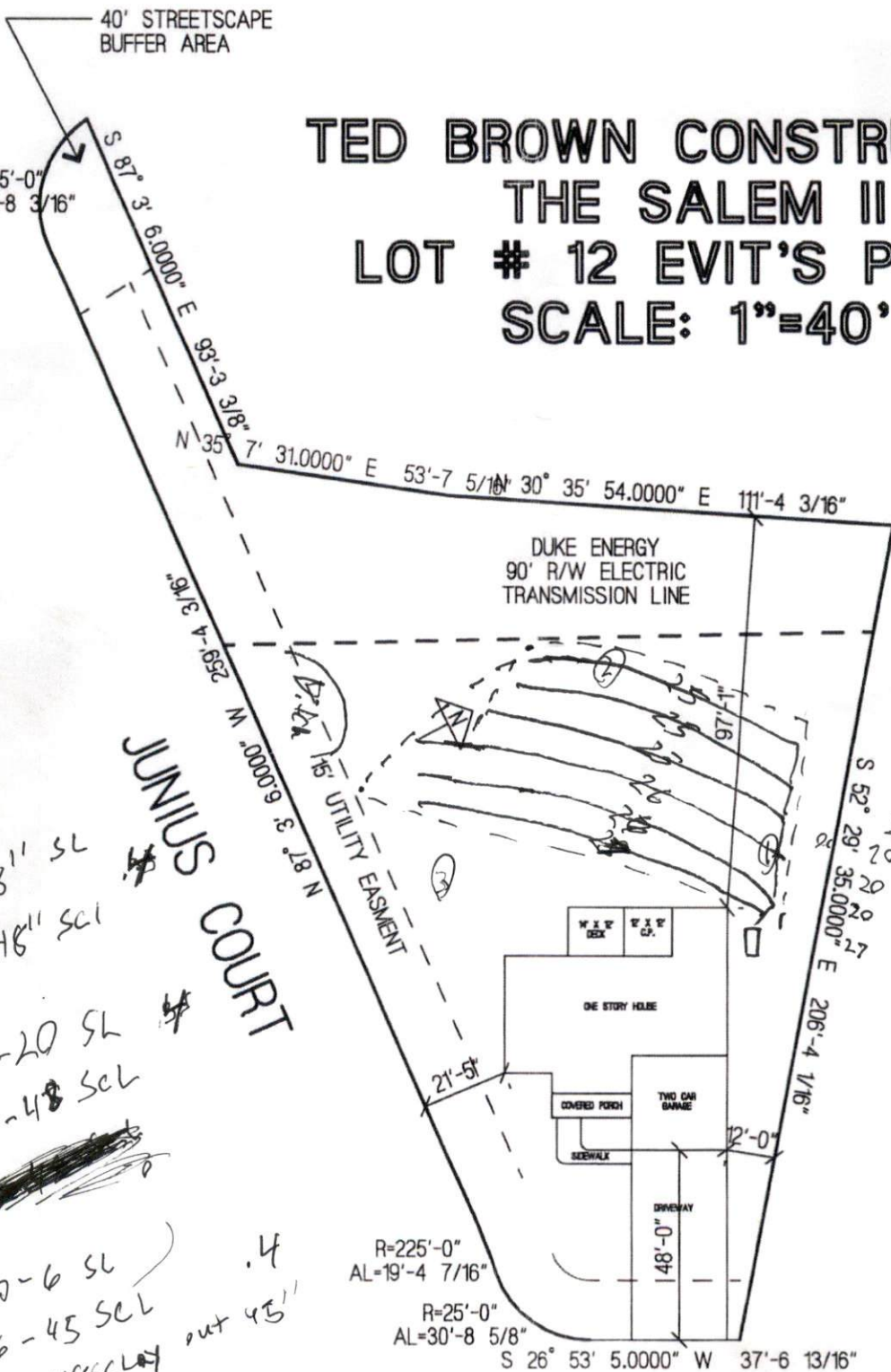
STRUCTURE
 SG-SINGLE GRAIN
 M- MASSIVE
 CR-CRUMB
 GR-GRANULAR
 SBK-SUBANGULAR BLOCKY
 ABK-ANGULAR BLOCKY
 PL-PLATY
 PR-PRISMATIC

MINERALOGY
 SLIGHTLY EXPANSIVE
 EXPANSIVE

Show profile locations and other site features (dimensions, references or benchmark, and North)



TED BROWN CONSTRUCTION THE SALEM II LOT # 12 EVIT'S PLACE SCALE: 1"=40'



b.i.
1, 0-8" SL
8-48" SCL

b.i.
2, 0-20 SL
20-48 SCL

~~11-48 SCL~~

b.i.
3, 0-6 SL
6-45 SCL
45-48 SCL out 45'

.4

412 line total
430 needed