

Site
Property ID:
Lot #:
File #:
Code:

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

Owner:

Applicant: 675-17748

Address:

Date Evaluated: 6-21-07

Proposed Facility: SPD

Design Flow (.1949): 360

Property Size:

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

| 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.) | 1944 Saprol Class | 1945 Resist Horiz. | |
| 1 | L 4% | 0-16 | SL | fin GR SAND | | | | | 3 |
| | | 16-42 | SC CLAY | fin 1/2" S.P. | 40" 2.5% 7% | | | | |
| 2 | L 8% | 0-16 | SL | fin GR SAND | | | | | 3 |
| | | 16-42 | SC CLAY | fin 1/2" S.P. | 38" 2.5% 7% | | | | |
| 3 | L 8% | 0-15 | SL | fin GR SAND | | | | | 3 |
| | | 15-36 | SC CLAY | fin 1/2" S.P. | 32" 2.5% 7% | | | | |

| Description | Initial System | Repair System |
|-------------------------|----------------|---------------|
| Available Space (.1945) | | |
| System Type(s) | 25% | 25% |
| Site LTAR | .3 | .3 |

Other Factors (.1946): _____

Site Classification (.1948): PB

Evaluated By:

Others Present: _____

COMMENTS: _____

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

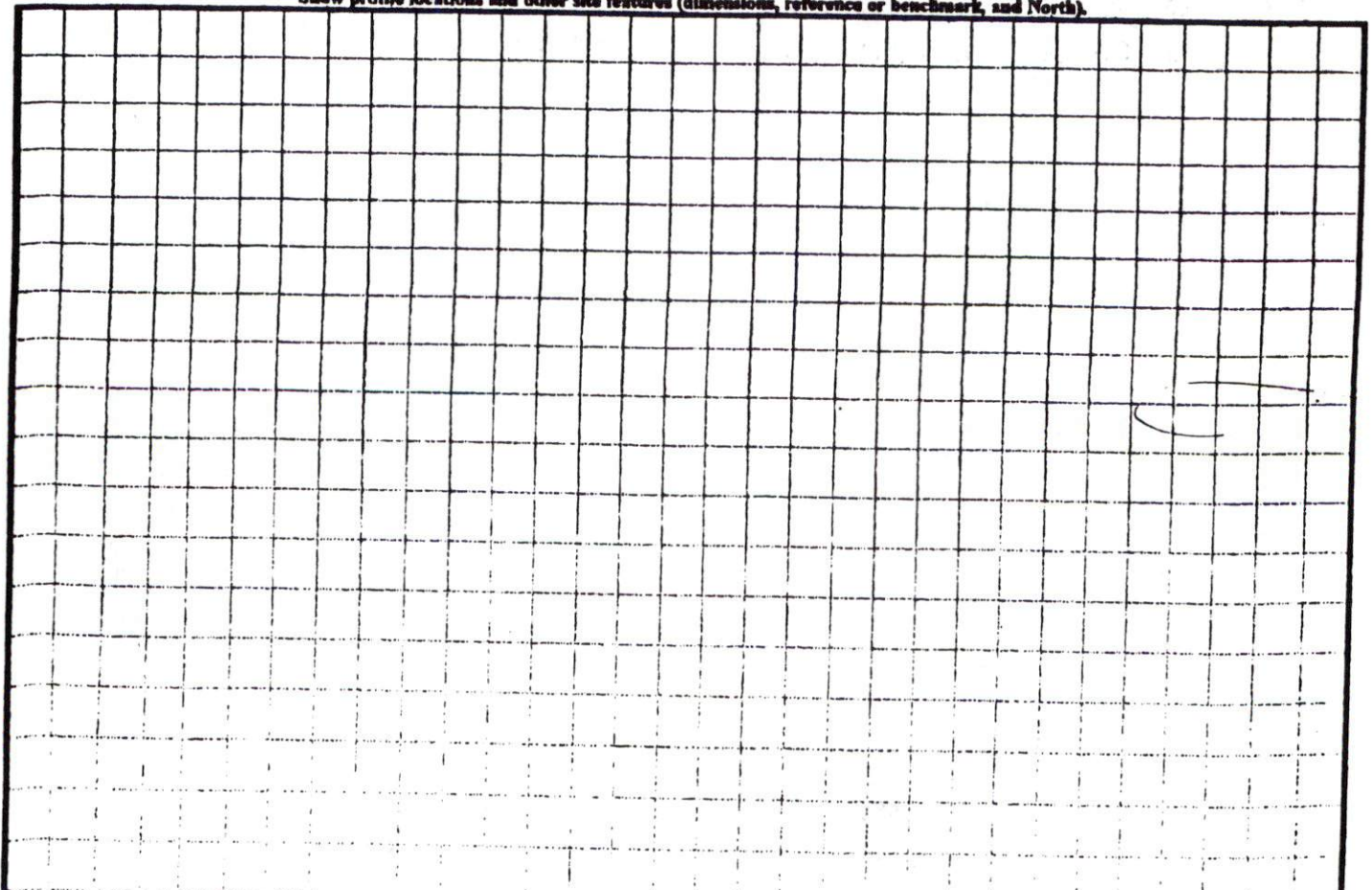
STRUCTURE

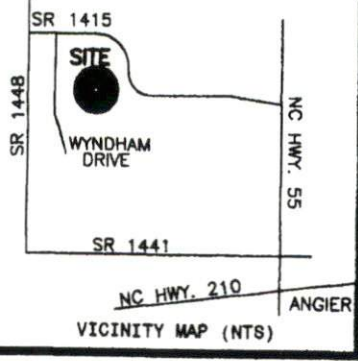
- SG-SINGLE GRAIN
- M-MASSIVE
- CR-CRUMB
- GR-GRANULAR
- SBK-SUBANGULAR BLOCKY
- ABK-ANGULAR BLOCKY
- PL-PLATY
- PR-PRISMATIC

MINERALOGY

- SLIGHTLY EXPANSIVE
- EXPANSIVE

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

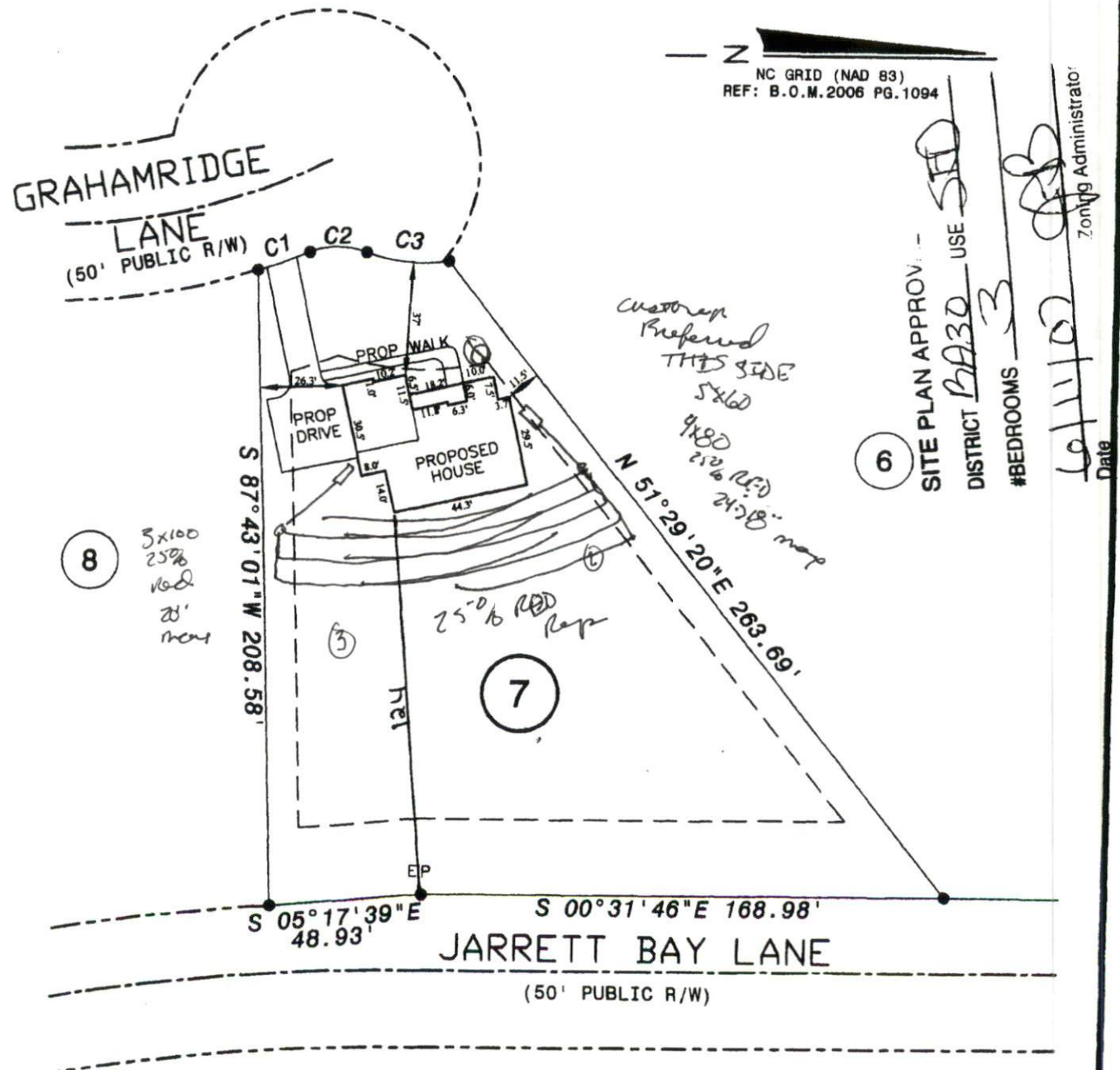




LEGEND

| | |
|--------|----------------------------|
| NTS | NOT TO SCALE |
| EIP | EXISTING IRON PIPE |
| PP | POWER POLE |
| W/M | WATER METER |
| TB | TELEPHONE BOX |
| IPS | IRON PIPE SET |
| CP&L | TRANSFORMER |
| CATV | CABLE TV BOX |
| L POLE | LIGHT POLE |
| OHPL | OVERHEAD POWER LINE |
| F.E.S. | FLARED END SECTION (PIPE) |
| RCP | REINFORCED CONC. PIPE |
| B.O.C. | BACK OF CURB |
| F.H. | FIRE HYDRANT |
| C/O | SEWER CLEAN OUT |
| EIS | EXISTING IRON STAKE |
| M.H. | MANHOLE |
| ECM | EXISTING CONCRETE MONUMENT |
| P.K. | PARKER KALON NAIL |

| CURVE | RADIUS | LENGTH | CHORD | CH.BEARING |
|-------|---------|--------|--------|---------------|
| C1 | 225.00' | 17.79' | 17.79' | N 20°08'46" W |
| C2 | 25.00' | 18.81' | 18.37' | N 00°51'09" W |
| C3 | 50.00' | 27.17' | 26.84' | N 05°08'08" |



SITE PLAN APPROVAL - *SHD*

DISTRICT *PA30* USE *SHD*

#BEDROOMS *3*

6/11/07 Zoning Administrator

Date

NOTE: SHOWN IS LOT 7 OF WYNDHAM PLACE S/D REF: B.O.M.2006 PG.1094

