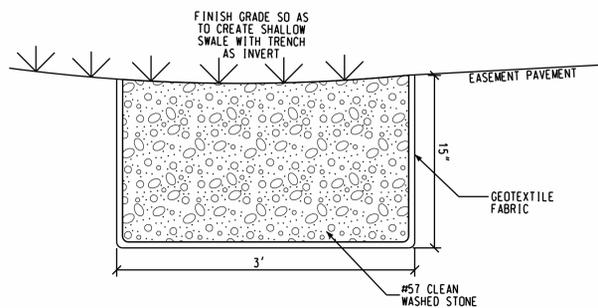


City Standard Driveway Detail

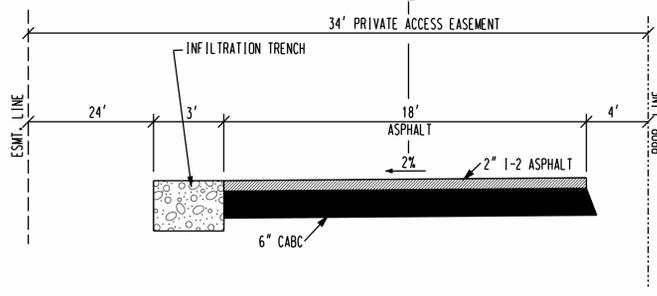
Traffic Notes:

- All pavement markings in public rights-of-way & for driveway are to be thermoplastic & meet City and/or NCDOT standards.
- Traffic control devices (including signs and pavement markings) in areas open to public traffic are to meet MURCD (Manual on Uniform Traffic Control Devices) standards.
- Contact Tom Platt, with Traffic Engineering, at 341-7888 to ensure that all traffic signal facilities and equipment are shown on the plan. Add a note to call Traffic Engineering forty-eight (48) hours prior to any excavation in the R/W.
- Any broken or missing sidewalk panels and/or curbing shall be replaced.
- Contact Karen Dixon at 341-7888 to discuss street lighting options. The landscaping plan will be needed to determine street light locations.
- Tactile warning mats to be installed at all wheelchair ramps.
- Once streets are ready to be open to public traffic, contact the Traffic Engineering Division to request installation of traffic and street name signs. Proposed street names must be approved prior to installation of street name signs.
- A landscaping plan, indicating the location of required street trees shall be submitted to the Traffic Engineering Division and Parks & Recreation Department for review and approval prior to the recording of the Final Plat. Plan shall adhere to SD 15-17.



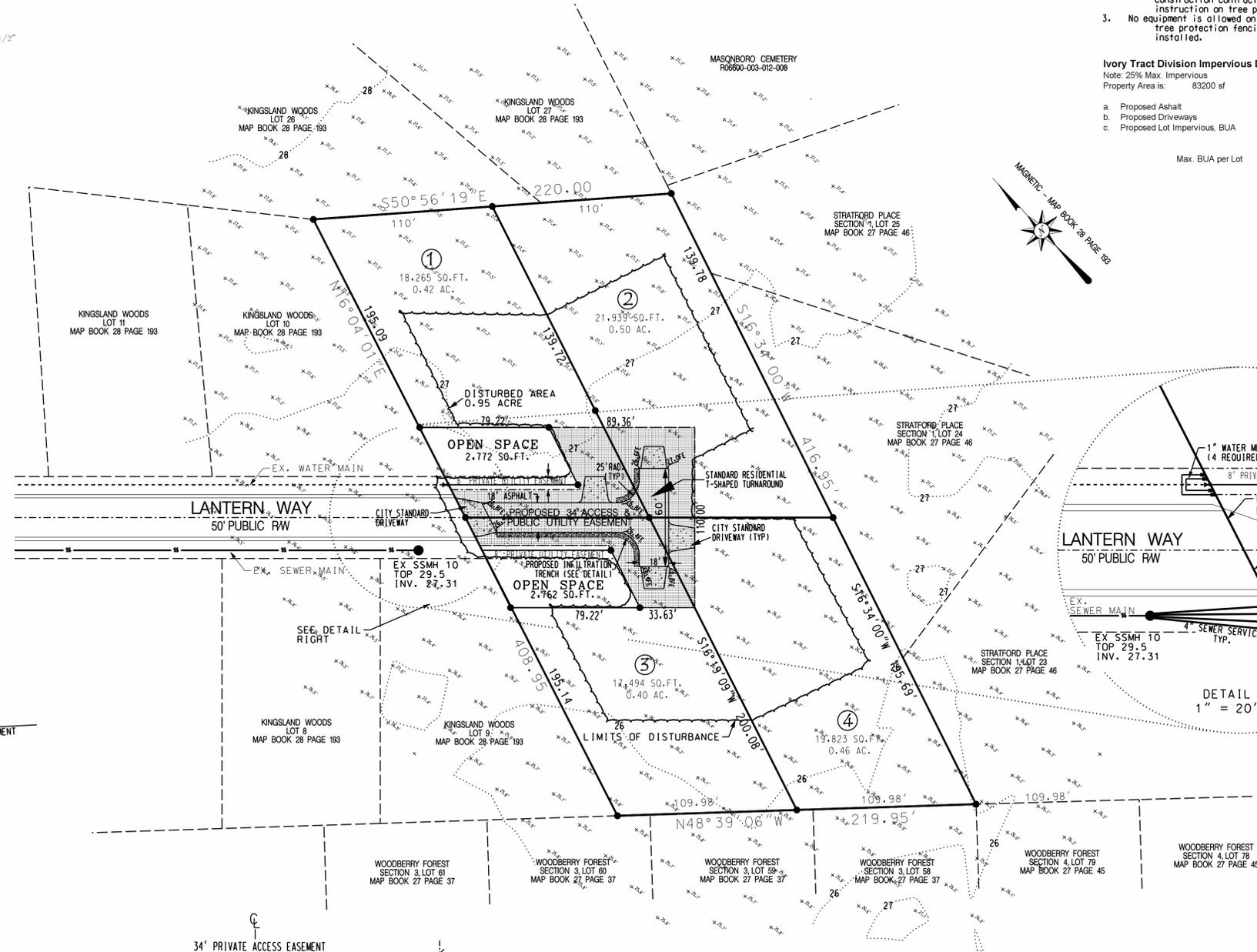
Infiltration Trench Detail

- LEGEND**
- IRON REBAR SET
 - EX. IRON PIPE
 - CONTROL MONUMENT SET
 - CONTROL PK NAIL SET
 - DENOTES PROPOSED FINISH GRADE
 - DENOTES EX. GROUND GRADE
 - DENOTES EX. CONTOUR



Private Access Esmt. X-Section

- Notes:
- Total Private Access Drive Length = 265' ± 400' Max. Length Permitted
 - Serves a maximum of 4 units.
 - 23' width required at the site intersection.



Grading & Stormwater Management Notes:

- Runoff from Private Access Drive to be cross-sloped into infiltration trench.
- No land disturbance is permitted on areas outside of the necessary grading limits for site improvements other than the minimum to tie back into the existing contours.
- Protective fencing is to be maintained throughout the duration of the project. Land clearing & construction contractors shall receive adequate instruction on tree protection requirements and methods. No equipment is allowed on the site until all tree protection fencing and silt fencing has been installed.

Ivory Tract Division Impervious Distribution

Note: 25% Max. Impervious
Property Area is: 83200 sf

	Area (sf)	% of Tract
a. Proposed Asphalt	2820	3.4%
b. Proposed Driveways	1151	1.4%
c. Proposed Lot Impervious, BUA	16000	19.2%
		24.0%
Max. BUA per Lot	4000 sf	

Estimated Water & Sanitary Sewer Capacity Request:

4 X 3-BR units @ 120 GPD per BR = 1440 GPD San. Sewer
4 Units @ 400 GPD per Unit = 1600 GPD Water

Fire & Life Safety Notes

- Construction type- 5B
- Contractor shall maintain an all weather access for emergency vehicles at all times during construction.
- Temporary street signs shall be installed at each street intersection when construction of new roadways allows passage by vehicles.

Development Notes:

- All development shall be in accordance with the City of Wilmington Land Development Code.

General Notes:

- New Hanover County Parcel No.: R06600-003-015-001
- Project address is: 3133 LANTERN WAY
- Total Tract Area: +/-1.906 ac (83,042 s.f.)
- Zoning District: R-15
Setbacks- 30' Front
25' Rear
15' Corner
- Carla Land Classification: Watershed Resource Protection

Utility Notes:

- Water and sanitary sewer services can be extended to the site from existing, adjacent public mains.
- All utility services such as electric power, CATV, gas & telephone shall be installed underground.
- Project shall comply with City of Wilmington Cross Connection Control requirements. Water meter(s) cannot be released until all requirements are met and N.C.D.E.N.R. has issued their "Final Approval." Call 343-3910 for information.
- If contractor desires City water for construction, he shall apply in advance for this service and must provide a reduced pressure zone (RPZ) backflow prevention device on the developer's side of the water meter box.
- Water and Sewer services are to be marked with No. 10 insulated copper wire installed and strapped to the pipes with duct tape. The insulated wire is to be stripped to bare wire and secured to all valves and fittings. This wire is to be accessible in all valve and meter boxes to aid in future location of facilities.
- The contractor is responsible for the location and protection of existing utilities during construction. Call U-LOC at 1-800-632-4949
Contractor is responsible for the repair and replacement of any utilities, curb & gutter, pavement, etc. that may be damaged during construction. Damaged items shall be repaired to at least the quality or workmanship found in the original item.
- Solid waste disposal will be cart pickup by City of Wilmington.

Site Inventory Notes:

- Soils Types: Ur-Urban
- This property is not impacted by any AEC.
- There are no Conservation Overlay boundaries affecting this property.
- This site is not impacted by any recognized historic or archeological significance.
- No cemeteries were evidenced on this site.
- There is no evidence of jurisdictional wetlands on this site.
- There is no evidence of endangered species or habitat issues on the site.
- This property is not within any flood hazard area as evidenced on N.C. Flood Map 3720313600J Map Dated: April 3, 2006.
- The site drainage flows into Hewlett's Creek watershed- into the waters classified SA.



JAMES H. FENTRESS, JR., P.E.
DATE: _____

PRELIMINARY PLAN
DIVISION OF IVORY TRACT
A MINOR SUBDIVISION
WILMINGTON TOWNSHIP NEW HANOVER COUNTY NORTH CAROLINA

OWNER: KIRK ANDREWS
ADDRESS: 3129 BRAEMAR LANE WILMINGTON, NC 28409

DESIGNED: JHF
DRAWN: GAG
APPROVED: JHF
DATE: 11/4/2013
SCALE: 1" = 40'
SHEET 1 OF 1

STROUD ENGINEERING, P.A.
102-D CINEMA DRIVE WILMINGTON, NORTH CAROLINA (910) 815-0775 (910) 815-0593 FAX

PROJECT NO.: PW-476LAN

PROJECT NO.: PW-476LAN
DRAWING NO.: M: MASTER/ANDREWS/LANTERN3.DGN