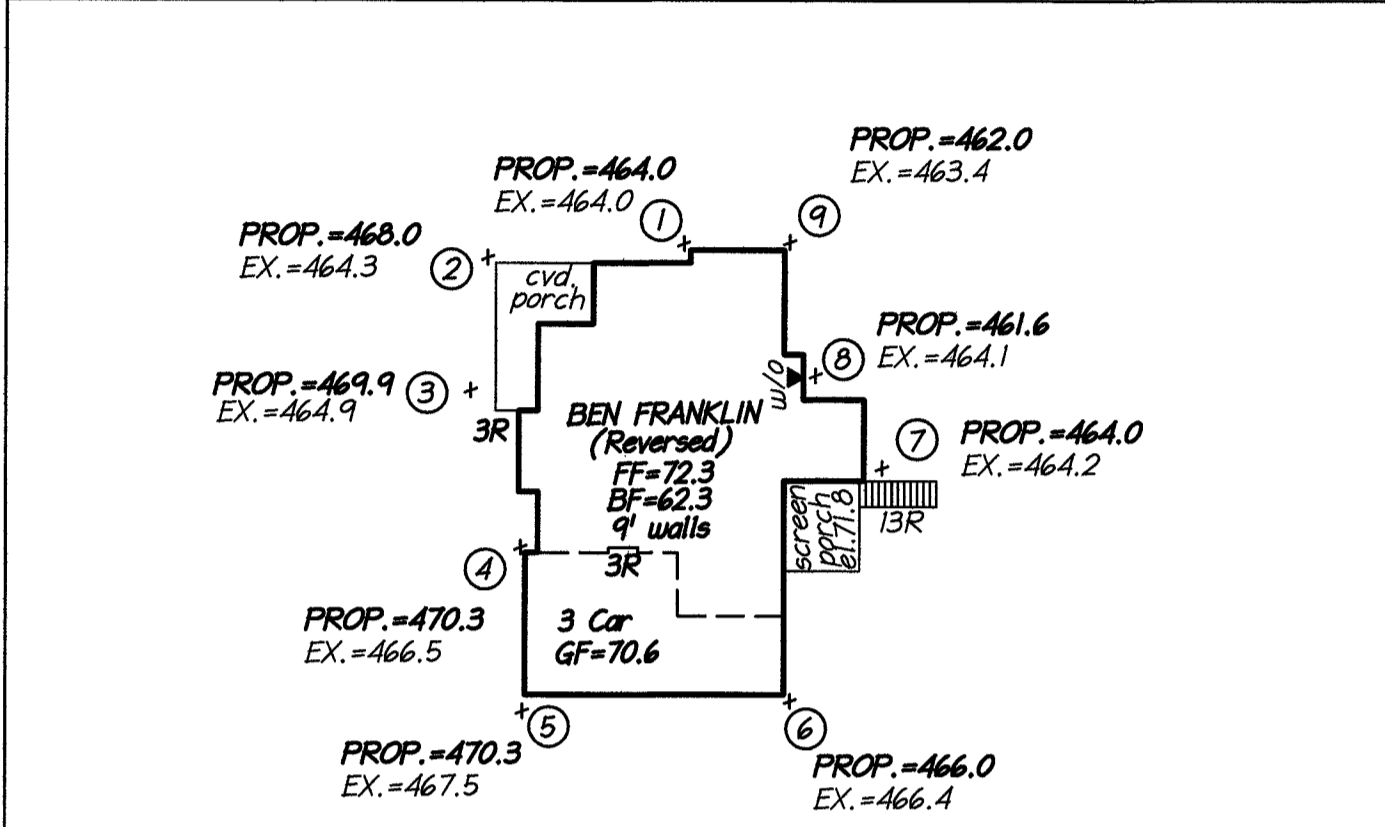


| EXISTING GRADES | LOCATION | ELEV. |
|-----------------|------------------|---------|
| 503.63 | 1 | 464.0 |
| 498.26 | 2 | 464.3 |
| 493.38 | 3 | 464.9 |
| 25.96' | 4 | 466.5 |
| | 5 | 467.5 |
| | 6 | 466.4 |
| | 7 | 464.2 |
| | 8 | 464.1 |
| | 9 | 463.4 |
| | SUB-TOTAL | 4,185.3 |
| | AVG. GRADE PLANE | 465.0 |

| NOT TO SCALE | | | | |
|-------------------------------------|---------------------|----------------------|-------------------------------------|---|
| AVG. EXISTING GRADE (AFG) ELEVATION | ROOF EAVE ELEVATION | AVG. EAVE ELEVATIONS | PEAK ROOF (HIGHEST RIDGE) ELEVATION | PROPOSED DWELLING HEIGHT (MIDPOINT-AFG) |
| 465.0 | 493.38 | --- | 503.63 | 33.26' < 35.0' |



SCALE: 1"=30'
BUILDING HEIGHT CERTIFICATE

| PROPOSED GRADES | LOCATION | ELEV. |
|-----------------|------------------|---------|
| 503.63 | 1 | 464.0 |
| 498.26 | 2 | 468.0 |
| 493.38 | 3 | 469.9 |
| 25.96' | 4 | 470.3 |
| | 5 | 470.3 |
| | 6 | 466.0 |
| | 7 | 464.0 |
| | 8 | 461.6 |
| | 9 | 462.0 |
| | SUB-TOTAL | 4,196.1 |
| | AVE. GRADE PLANE | 466.2 |

| NOT TO SCALE | | | | |
|--------------------------|----------------------|----------------------|-------------------------------------|--|
| AVG. FINISHED GRADE (EG) | ROOF EAVE ELEVATIONS | AVG. EAVE ELEVATIONS | PEAK ROOF (HIGHEST RIDGE) ELEVATION | PROPOSED DWELLING HEIGHT (MIDPOINT-EG) |
| 466.2 | 493.38 | --- | 503.63 | 32.06' < 35.0' |

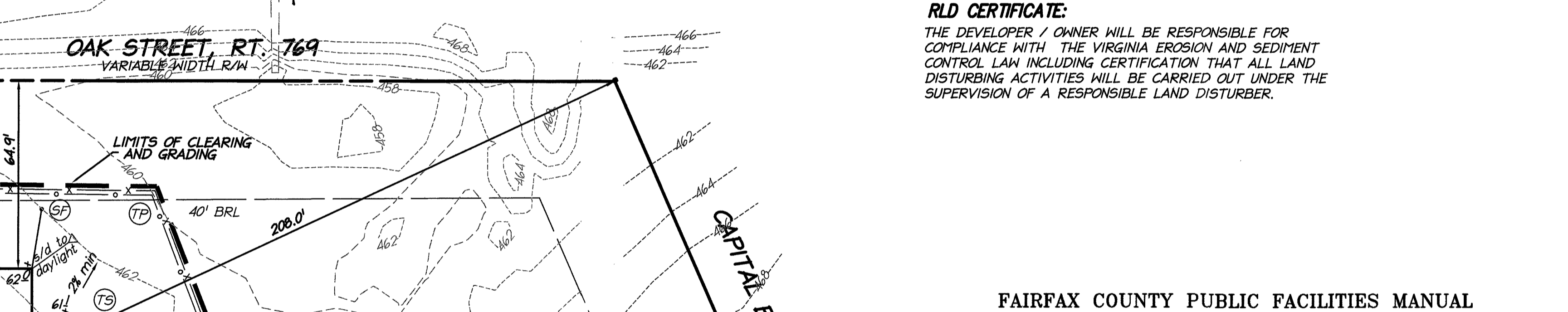
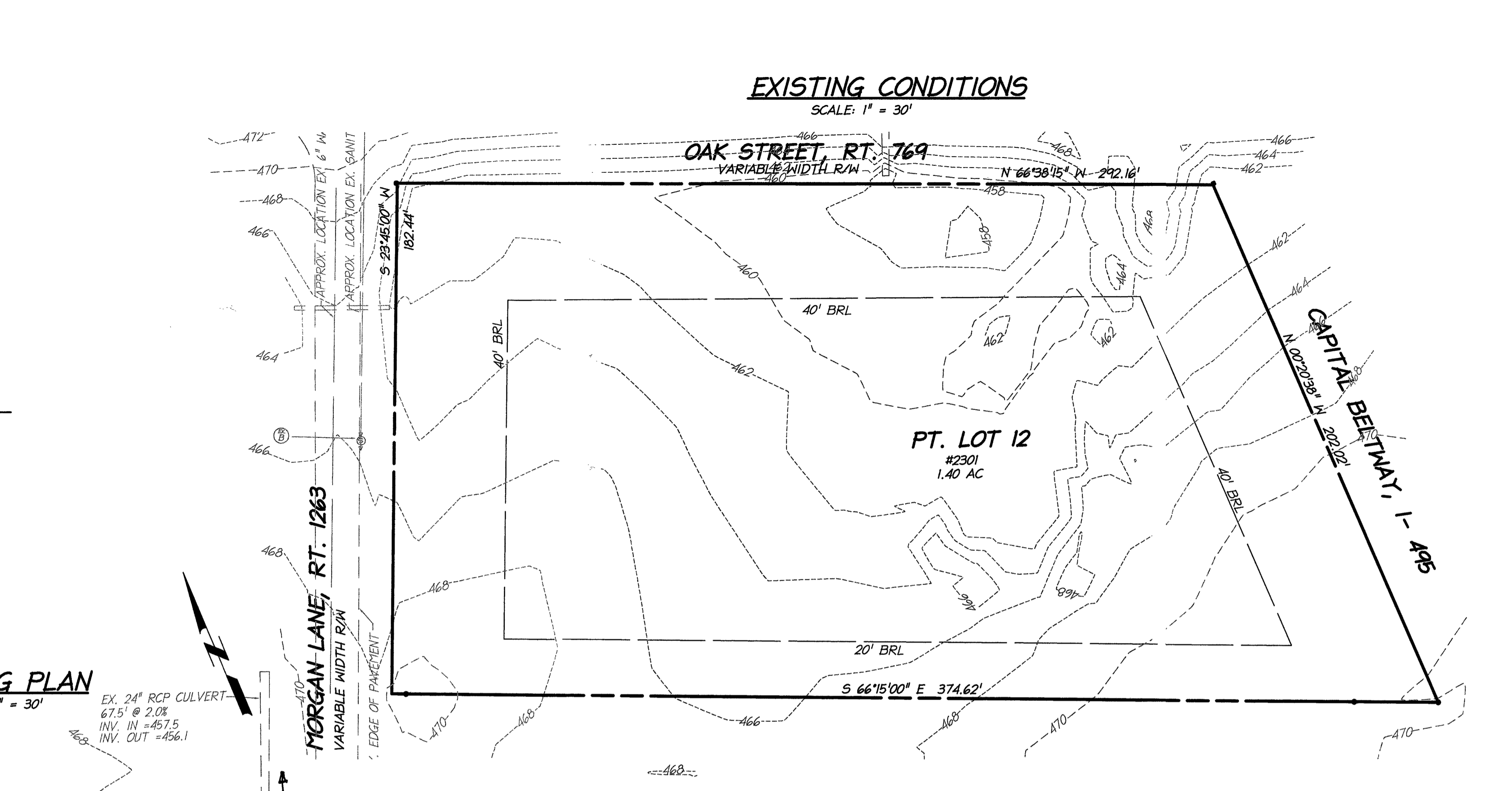
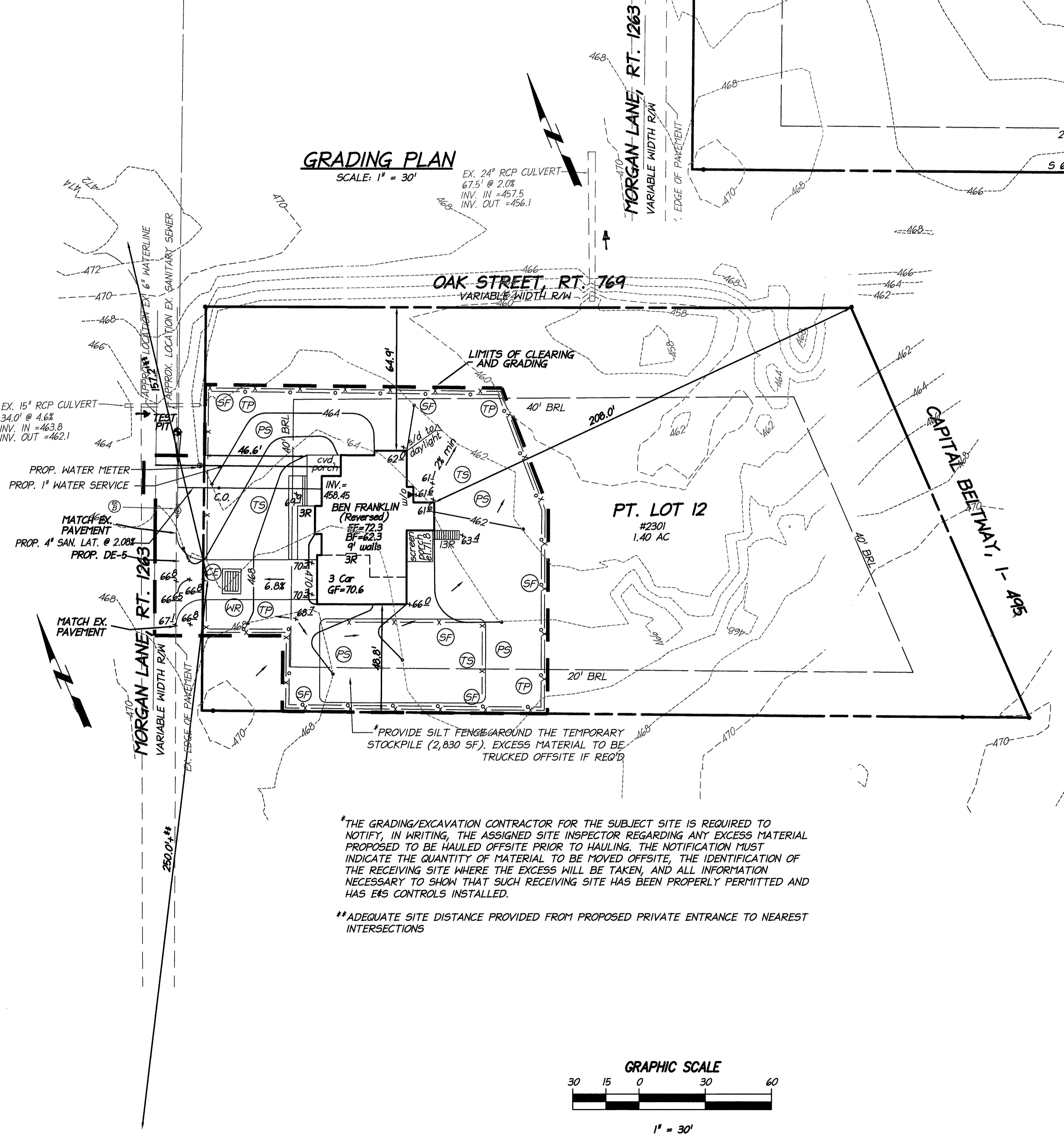
THE EXISTING AVERAGE GROUND LEVEL AND THE FINISHED AVERAGE GROUND LEVEL FOR THE LOT HAS BEEN PROVIDED. THE LOWER OF THE TWO GRADES SHALL BE USED TO DETERMINE BUILDING HEIGHT, PER THE ZONING ORDINANCE.

- LEGEND**
- IPF IRON PIPE FOUND
 - IRF IRON ROD FOUND
 - ☆ LIGHT POLE
 - ⊕ FIRE HYDRANT
 - ⊕ UTILITY POLE
 - OVERHEAD UTILITY
 - GUY WIRE
 - ⊕ SANITARY MANHOLE
 - CLEANOUT
 - ⊕ WATER VALVE
 - WIRE FENCE
 - CHAIN LINK FENCE
 - WOOD FENCE
 - AIR CONDITIONER
 - ⊕ TEST BORINGS
 - ➔ DENOTES OVERLAND RELIEF
- AS-BUILT INFORMATION**
- ⊕ SANITARY SEWER
 - ⊕ EX. TOP=468.08, EX. INV.=457.94
 - ⊕ EX. TOP=465.6, EX. INV.=456.38
 - ⊕ EX. 274-8" SAN. SEN. @ 0.53%

VIRGINIA UNIFORM CODING SYSTEM
For Erosion and Sediment Control Practices

| NO. | TITLE | KEY | SYMBOL |
|----------------|---------------------------------------|-----|--------|
| 3.02 | TEMPORARY STONE CONSTRUCTION ENTRANCE | ⊕ | ⊕ |
| 3.02 | WASH RACK | ⊕ | ⊕ |
| 3.05 | SILT FENCE | ⊕ | ⊕ |
| 3.31 | TEMPORARY SEEDING | ⊕ | ⊕ |
| 3.32 | PERMANENT SEEDING | ⊕ | ⊕ |
| PPM PLATE 6-12 | TREE PROTECTION | ⊕ | ⊕ |

BENJAMIN FRANKLIN ARCHITECTURAL PLAN, PAGE A-200, DATED 4-5-2013 HAS BEEN USED TO CALCULATE THE BUILDING HEIGHT.



RLD CERTIFICATE:
THE DEVELOPER / OWNER WILL BE RESPONSIBLE FOR COMPLIANCE WITH THE VIRGINIA EROSION AND SEDIMENT CONTROL LAW INCLUDING CERTIFICATION THAT ALL LAND DISTURBING ACTIVITIES WILL BE CARRIED OUT UNDER THE SUPERVISION OF A RESPONSIBLE LAND DISTURBER.

FAIRFAX COUNTY PUBLIC FACILITIES MANUAL

DRIVEWAY CULVERT PIPE INSTALLATION

WITH UNPAVED ROADSIDE DITCH

WITH PAVED ROADSIDE DITCH

A paved ditch is required where soil conditions and runoff velocities will cause erosion.

Surface to R/W line, min. 1 1/2" of the same type of surfacing as used on the street and 6" of base or 5" of concrete.

Pipe culvert if necessary

variable g. ditch

ES

EP

Slopes

Main roadway pavement

Low point

*Radius Note:
For the entrances to roadways having ADT > 2000, use a radius of 30'. For ADT under 2000, the radius may be 12'.

Concrete pipe or corrugated metal pipe may be used. Indicate type and size on plans. Driveways shall be surfaced from edge of pavement to property line with the same type of surfacing as used on street.

All driveway grades shall start back of the shoulder line. In cut sections, sides of driveway shall be graded to a max. 3:1 slope. Lengths of culverts if not shown on plans shall be a min. of 20' For dimension of 5, see Plate No. 1-7.

* Ditch line may be moved back to provide required cover. The transition of the ditch line shall be smooth with a min. length of 10'.

Driveway Clearances—
Grading plans must provide for adequate vehicular clearance for driveway approach, departure and breakover transitions. Driveway profiles are required when steep grades prevail.

All materials and construction of this design in a R/W to be maintained by VDOT shall conform to the current VDOT Road and Bridge Specifications and VDOT Road and Bridge Standards.

Ref. Sec. 7-0803.1A

| | | |
|----------------------------|-----------|----------|
| STANDARD DRIVEWAY ENTRANCE | PLATE NO. | STD. NO. |
| STREETS-NO CURB & GUTTER | 22-7 | DE-5 |

DATE: SEPTEMBER, 2013
DRAFT: TFS
CHECK: GSD
FILE NUMBER: 1305-2-0

GRADING PLAN

PART OF LOT 12
DUNN LORING
DEED BOOK 176 PAGE 464
PROVIDENCE DISTRICT
FAIRFAX COUNTY, VIRGINIA

| DATE | REVISION | APPROVED BY: |
|------|----------|--------------|
| | | |

DATE DESIGN NO. ENGINEER

I HEREBY CERTIFY THAT OTHER THAN THE REVISIONS SHOWN HEREON, NO OTHER CHANGES HAVE BEEN MADE.

SCALE:
AS NOTED

SHEET 2 of 8

DATE: SEPTEMBER, 2013
DRAFT: TFS
CHECK: GSD
FILE NUMBER: 1305-2-0