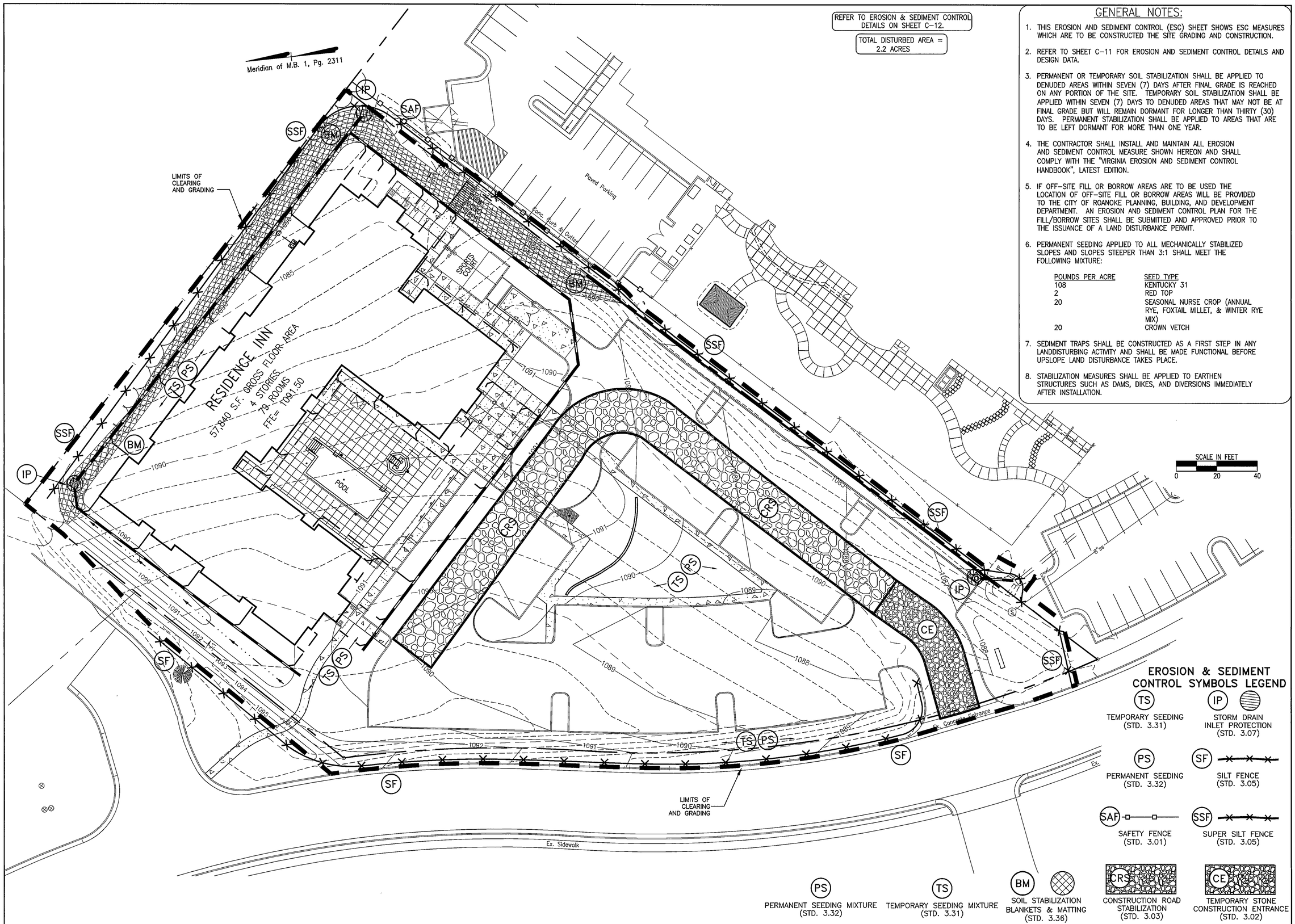
REFER TO EROSION & SEDIMENT CONTROL DETAILS ON SHEET C-12.

TOTAL DISTURBED AREA = 2.2 ACRES




## GENERAL NOTES:

1. THIS EROSION AND SEDIMENT CONTROL (ESC) SHEET SHOWS ESC MEASURES WHICH ARE TO BE CONSTRUCTED THE SITE GRADING AND CONSTRUCTION.
2. REFER TO SHEET C-11 FOR EROSION AND SEDIMENT CONTROL DETAILS AND DESIGN DATA.
3. PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN SEVEN (7) DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN (7) DAYS TO DENUDED AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN DORMANT FOR LONGER THAN THIRTY (30) DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT DORMANT FOR MORE THAN ONE YEAR.
4. THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURE SHOWN HEREON AND SHALL COMPLY WITH THE "VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK", LATEST EDITION.
5. IF OFF-SITE FILL OR BORROW AREAS ARE TO BE USED THE LOCATION OF OFF-SITE FILL OR BORROW AREAS WILL BE PROVIDED TO THE CITY OF ROANOKE PLANNING, BUILDING, AND DEVELOPMENT DEPARTMENT. AN EROSION AND SEDIMENT CONTROL PLAN FOR THE FILL/BORROW SITES SHALL BE SUBMITTED AND APPROVED PRIOR TO THE ISSUANCE OF A LAND DISTURBANCE PERMIT.
6. PERMANENT SEEDING APPLIED TO ALL MECHANICALLY STABILIZED SLOPES AND SLOPES STEEPER THAN 3:1 SHALL MEET THE FOLLOWING MIXTURE:

| POUNDS PER ACRE | SEED TYPE |
|---|---|
| 108 | KENTUCKY 31 |
| 2 | RED TOP |
| 20 | SEASONAL NURSE CROP (ANNUAL RYE, FOXTAIL MILLET, & WINTER RYE MIX) |
| 20 | CROWN VETCH |

7. SEDIMENT TRAPS SHALL BE CONSTRUCTED AS A FIRST STEP IN ANY LANDDISTURBING ACTIVITY AND SHALL BE MADE FUNCTIONAL BEFORE UPSLOPE LAND DISTURBANCE TAKES PLACE.
8. STABILIZATION MEASURES SHALL BE APPLIED TO EARTHEN STRUCTURES SUCH AS DAMS, DIKES, AND DIVERSIONS IMMEDIATELY AFTER INSTALLATION.

## EROSION & SEDIMENT CONTROL SYMBOLS LEGEND

- TS — TEMPORARY SEEDING (STD. 3.31)
- IP — STORM DRAIN INLET PROTECTION (STD. 3.07)
- PS — PERMANENT SEEDING (STD. 3.32)
- SF — SILT FENCE (STD. 3.05)
- SAF — SAFETY FENCE (STD. 3.01)
- SSF — SUPER SILT FENCE (STD. 3.05)
- PS — PERMANENT SEEDING MIXTURE (STD. 3.32)
- TS — TEMPORARY SEEDING MIXTURE (STD. 3.31)
- BM — SOIL STABILIZATION BLANKETS & MATTING (STD. 3.36)
- CRS — CONSTRUCTION ROAD STABILIZATION (STD. 3.03)
- CE — TEMPORARY STONE CONSTRUCTION ENTRANCE (STD. 3.02)

COMMONWEALTH OF VIRGINIA
WM. THOMAS AUSTIN
No. 030907
PROFESSIONAL ENGINEER

| Revisions | | Date |
|---|---|---|
| 1 | SUBMISSION TO CITY | 3/8/06 |
| 2 | 100% SUBMISSION | 5/1/06 |
| 3 | FINAL SUBMISSION TO CITY | 6/22/06 |

Issue Date: MARCH 8, 2006
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SITE DEVELOPMENT PLANS
RESIDENCE INN - WINSTON HOTELS

# EROSION AND SEDIMENT CONTROL PLAN

CITY OF ROANOKE, VIRGINIA

Vertical Scale: N/A
Horizontal Scale: 1" = 20'
Commission Number: 2522
Sheet No.: C-7

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