# GENERAL NOTES

- ALL CURB AND GUTTER FILLETS AT INTERSECTIONS ARE TO HAVE 20' RADII UNLESS OTHERWISE NOTED.
- ALL EARTH DITCH FILLETS AT INTERSECTIONS ARE TO HAVE 35' RADII
- NO TRENCH SHALL BE BACKFILLED UNTIL AUTHORIZED BY THE COUNTY ENGINEER. MATERIALS USED FOR BACKFILL FROM THE
- SHALL BE SELECT MATERIAL FREE FROM FROST, LARGE CLODS, STONES AND DEBRIS. IT SHALL BE THOROUGHLY AND CAREFULLY COMPACTED TO INSURE A SOUND BACKFILL AROUND AND OVER THE
- THROUGHOUT THE DEPTH OF THE TRENCH TO OBTAIN 95% DENSITY AT OPTIMUM MOISTURE  $\pm 20\%$ . THIS IS TO INSURE A SUITABLE SUBBASE, ACCEPTABLE TO THE ROAD ENGINEER FOR THE PROPOSED
- TAKEN FROM THE DITCH IS NOT SUITABLE FOR BACKFILLING, IT SHALL BE REMOVED AND ACCEPTABLE MATERIAL USED FOR
- ALL UTILITIES TO BE IN PLACE BEFORE LAYING BASE MATERIAL THE LOCATION OF ALL DRAINAGE STRUCTURES ON THESE PLANS IS
- APPROXIMATE. FINAL FIELD LOCATION MAY BE MADE BY THE ENGINEER
- ALL VEGETATION AND OVERBURDEN TO BE REMOVED FROM SHOULDER TO ALL DRAINAGE EASEMENTS TO BE CLEARED, GRUBBED AND GRADED TO

STONE CONSTRUCTION ENTRANCE

SIDE ELEVATION

MOST EXTEND FORL WIDTH OF INGRESS AND ECRESS DEFRATION

PERMEBRACED CONCRETE

Source: Adapted from 1983 Maryland Standards for Soil

Erosion and Sediment Control, and Va. DSWC

SILT FENCE CULVERT INLET

PROTECTION

1.0' 1.5'

30. ALL FIRE HYDRANTS SHALL BE O.S.H.A. YELLOW IN COLOR.

VOOT #3, #357 OR #5 COARSE AGGREGATE
TO REPLACE SILT FENCE IN "HORSESHOE "WHEN HIGH VELOCITY OF FLOW IS EXPECTED."

Sheets and Va. DSWC

GENERAL NOTES CONTINUED

SYSTEM.

~~ TO€ OF FAL

A "W" and "S" SHALL BE STAMPED ON THE CURB WHILE THE CONCRETE IS STILL WET

THESE MARKS SHALL INDICATE THE ACTUAL LOCATION OF THE WATER AND SEWER

METER ASSEMBLIES ARE TO BE SUPPLIED WITH NEPTUNE PROREAD ARB SYSTEMS

ATTACHED TO THE LID. METERS ARE TO BE COMPATIBLE WITH THE PROPOSED

32. METER BOXES PROVIDED SHALL BE CAST IRON 12"XI8" WITH CAST IRON LIDS. THE

\* DISTANCE IS 6" MANIMUM IF FLOW IS TOWARD EMBANKMENT

LENGTH OF ALL PIPE CULVERTS SHOWN ON THESE PLANS IS APPROXIMATE

CONTAIN WATER FROM PIPE CULVERTS.

APPROVAL.

- SPECIFICATIONS OF THE VIRGINIA DEPARTMENT OF HIGHWAYS AND OF THESE PLANS WILL EXPIRE THREE (3) YEARS FROM THE DATE OF
- THE CONTRACTOR WILL SEED ALL SLOPES AS SOON AS POSSIBLE TO ELIMINATE UNNECESSARY EROSION. NO DISTURBED SURFACE WILL BE LEFT UNSEEDED. WHERE REQUIRED, ALL ROAD DITCHES ARE TO BE PAVED IN ACCORDANCE WITH STANDARD PG-2A-1 (MODIFIED TO FIT TYPICAL SECTION) WITH HINIHUM DEPTH TO CONTAIN TEN YEAR STORM,
- UNLESS OTHERWISE DIRECTED BY THE ENGINEER IN WRITING. VIRGINIA DEPARTMENT OF HIGHWAYS AND TRANSPORTATION APPROVAL OF SUBDIVISION ROAD PLANS DOES NOT PRECLUDE THE RIGHT TO ADD ADDITIONAL FACILITIES SUCH AS SEEDING, PAVING, SILT DAMS, SILT BASINS, ETC. AS MAY BE DEEMED NECESSARY BY THE DEPARTMENT PRIOR TO THE ACCEPTANCE OF SUCH ROADS IN ORDER TO LIMIT SILTATION AND POLLUTION OF NEARBY LAKES, PONDS, STREAMS, AND ADJACENT PROPERTIES.
- ALL DRAINAGE EASEMENTS ARE TO EXTEND TO A NATURAL WATER COURSE. SLOPE EASEMENTS FOR FILL SLOPES ARE REQUIRED WHERE SLOPES
- EXCEED PROPOSED RIGHT OF WAY LIMITS. A PERMIT TO TIE INTO EXISTING ROADS SHALL BE OBTAINED FROM THE RESIDENT ENGINEER PRIOR TO ROAD CONSTRUCTION.

THE CONTRACTOR WILL SEED ALL SLOPES AND EASEMENTS WITH AT LEAST

- A TEMPORARY SEEDING WITHIN FIFTEEN (15) DAYS AFTER COMPLETION OF STREET GRADING OR STORM SEWER PLACEMENT TO ELIMINATE UNNECESSARY EROSION. NO DISTURBED AREA WILL BE ALLOWED AT THE TIME OF ACCEPTANCE OF THE ROAD INTO THE STATE SYSTEM. ALL SUBGRADE MATERIAL SHALL HAVE MINIMUM CBR VALUE OF TEN (10).
- ENGINEER PRIOR TO THE PLACEMENT OF THE SURFACE COURSE. UNSUITABLE MATERIAL FOR THE SUBGRADE IS ENCOUNTERED. THE ROAD ENGINEER MUST BE NOTIFIED PRIOR TO PLACEMENT OF THE BASE
- THE ROAD ENGINEER MUST BE NOTIFIED PRIOR TO THE SURFACE TREATMENT BEING APPLIED.
- THE LOCATION OF EXISTING UTILITIES, STORM SEWERS, SANITARY SEWERS, GAS LINES, WATER LINES, ELECTRICAL LINES AND TELEPHONE LINES EITHER UNDERGROUND AND/OR OVERHEAD ACROSS OR ALONG THE LINE OF PROPOSED WORK ARE NOT NECESSARILY SHOWN ON THE PLANS AND WHERE AT NO EXTRA COST, LOCATE ALL UNDERGROUND LINES AND STRUCTURES AS NECESSARY. NO CLAIMS FOR DAMAGES OR EXTRA OF SUCH PIPES OR OTHER OBSTRUCTIONS OR FROM ANY DELAY DUE TO
- THE REMOVAL OF OR REARRANGEMENT OF SAME. PAVED SHALL BE SEEDED UNTIL A GOOD STAND OF GRASS IS OBTAINED IN ACCORDANCE WITH THE VIRGINIA EROSION & SEDIMENT CONTROL HANDDBOOK AND THE FOLLOWING TABLE:
- 100 LB. PER 1000 SQ. FT. GROUND LIMESTONE OR EQUIVALENT. NO SOIL TEST REQUIRED FOR INITIAL ESTABLISHMENT. B. 25 LB. OF 5-20-10 FERTILIZER OR EQUIVALENT PER 1000 SQ. FT.
- VARIETIES TO BE SEEDED: SPRING SEEDING - MARCH 1 THRU MAY 1;
- MIXTURE #5 AT 1 LB. PER 1000 SQ. FT. SUMMER SEEDING - MAY 1 THRU AUGUST 1; MIXTURE #4 1-1/2 LBS. PER 1000 SQ. FT.
- 3. AUTUMN SEEDING AUGUST 1 THRU OCTOBER 1; MIXTURE #5 AT 1 LB. PER 1000 SQ. FT. 4. MULCH 80 LB. STRAW PER 1000 SQ. FT. OR ASPHALT MULCH 10 GAL. PER 1000 SQ. FT.
- . ALL SEEDING MUST BE MULCHED. AUTHORIZED LOCAL OFFICIALS SHALL BE NOTIFIED 24 HOURS IN ADVANCE OF THE WORK TO BE STARTED SO AN AUTHORIZED REPRESENTATIVE MAY BE ASSIGNED TO MAKE ANY AND ALL NECESSARY INSPECTIONS OF THE WORK PERFORMED.
- CONTRACTOR SHALL CALL FOR COUNTY INSPECTION OF ALL PIPE LINE INSTALLATON PRIOR TO PLACING BACKFILL. SEWER LINES ARE FLUSHED AND CLEANED OF FOREIGN MATTER AND ALL CURBS. GUTTERS AND STREETS ARE CLEANED AND FREE OF DIRT AND

DEBRIS, THE DEVELOPER SHALL NOTIFY THE APPROPRIATE LOCAL

- OFFICIAL TO MAKE FINAL INSPECTION, A REPRESENTATIVE OF THE DEVELOPER SHALL BE PRESENT AT THE FINAL INSPECTION. HOURS BEFORE PLACING BASE STONE SO THE SUBGRADE MAY BE
- INSPECTED AND 24 HOURS BEFORE PLACING SURFACE COURSE SO THE LOCAL INSPECTOR WILL BE ON SITE. WHERE DITCHES ARE DEEPENED TO ACCOMODATE CULVERTS, THE SLOPE
- FROM THE SHOULDER TO THE DITCH SHALL BE MAINTAINED THEREBY MOVING THE DITCH PROFILE FURTHER FROM THE CENTERLINE. CONTRACTOR SHALL NOTIFY "MISS UTILITY" (1-800-552-7001) BEFORE
- BEGINNING ANY EXCAVATION. ALL CONCENTRATED DRAINAGE BEING CONVEYED FROM ROADSIDE DITCHES IN CUT SECTIONS INTO FILL SECTIONS SHOULD BE CONFINED ALONG SUCH AREAS BY TOE DITCHES WHERE ADJACENT PROPERTY SLOPES AWAY FROM ROADWAY, TO PREVENT CONCENTRATED DRAINAGE FROM BEING
- TURNED ONTO ADJACENT LOTS. EXCESS EXCAVATION TO BE DISPOSED OF AS DIRECTED BY THE ENGINEER

OWNER & DEVELOPER

# M. ADKINS JAMES

4400 COURTHOUSE ROAD PRINCE GEORGE COUNTY, VIRGINIA 23875 (804) 272 - 7503

Plate 3.05-2 Source: Va. DSWC

Plate 3.20-1

DETAIL: CURB & GUTTER TRANSITION FOR SUMP INLETS.

MAINTAIN GRADE AT FACE

OF GUTTER PAN.

(WITHOUT WIRE SUPPORT)

Barriers for Sediment Control, Sherwood and Wyant

FLOW

COARSE AGGREGATE

FLOW

Plate 3.08-1 Source: Va. DSWC

ROCK CHECK DAM

2 ACRES OR LESS OF DRAINAGE AREA:

2 10 ACRES OF DRAINAGE AREA.

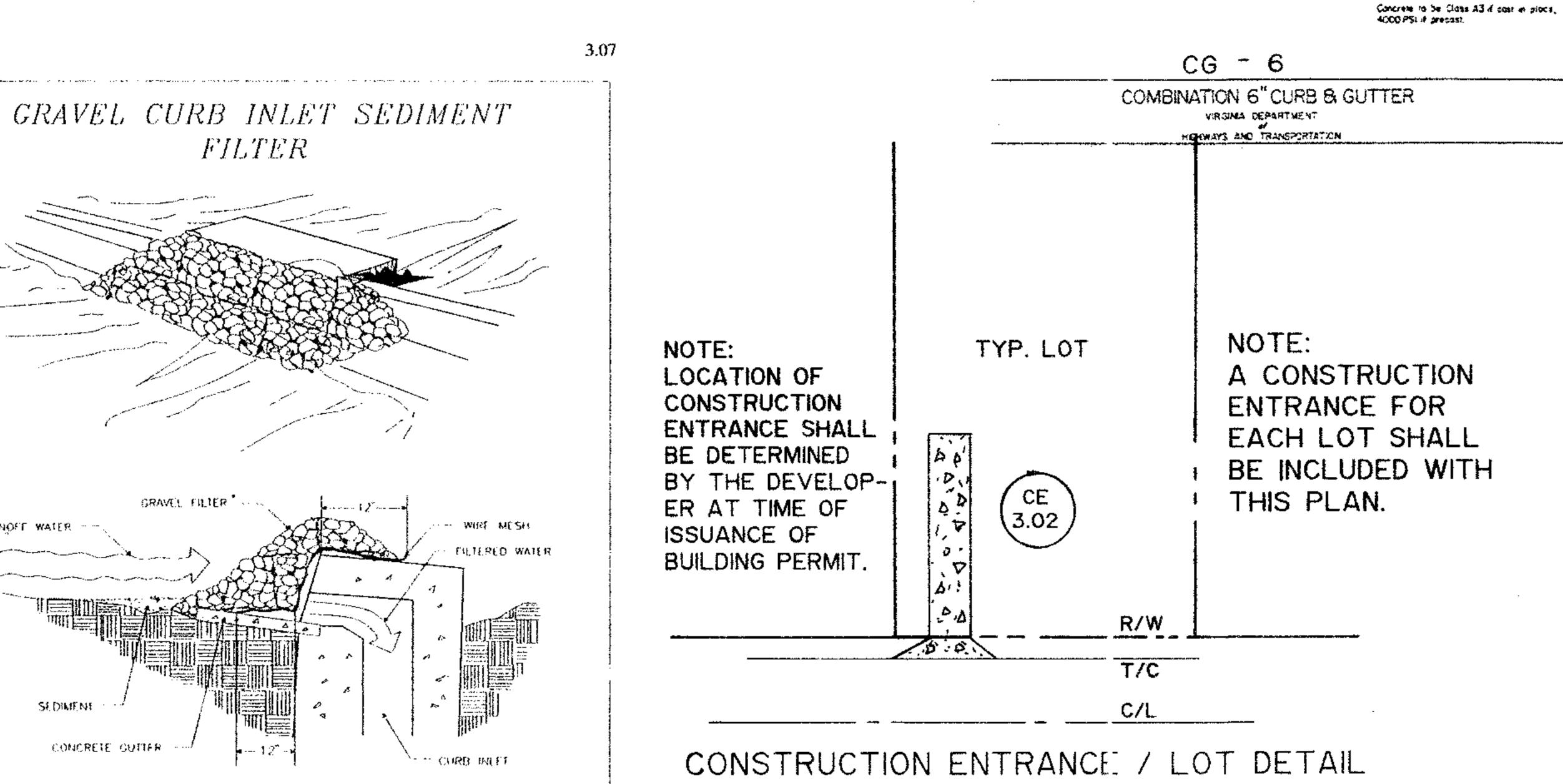


Plate 3.07-6

4" No. 57 or 68 STONE

NOT TO SCALE

SECTION A-A

SECTION B-B

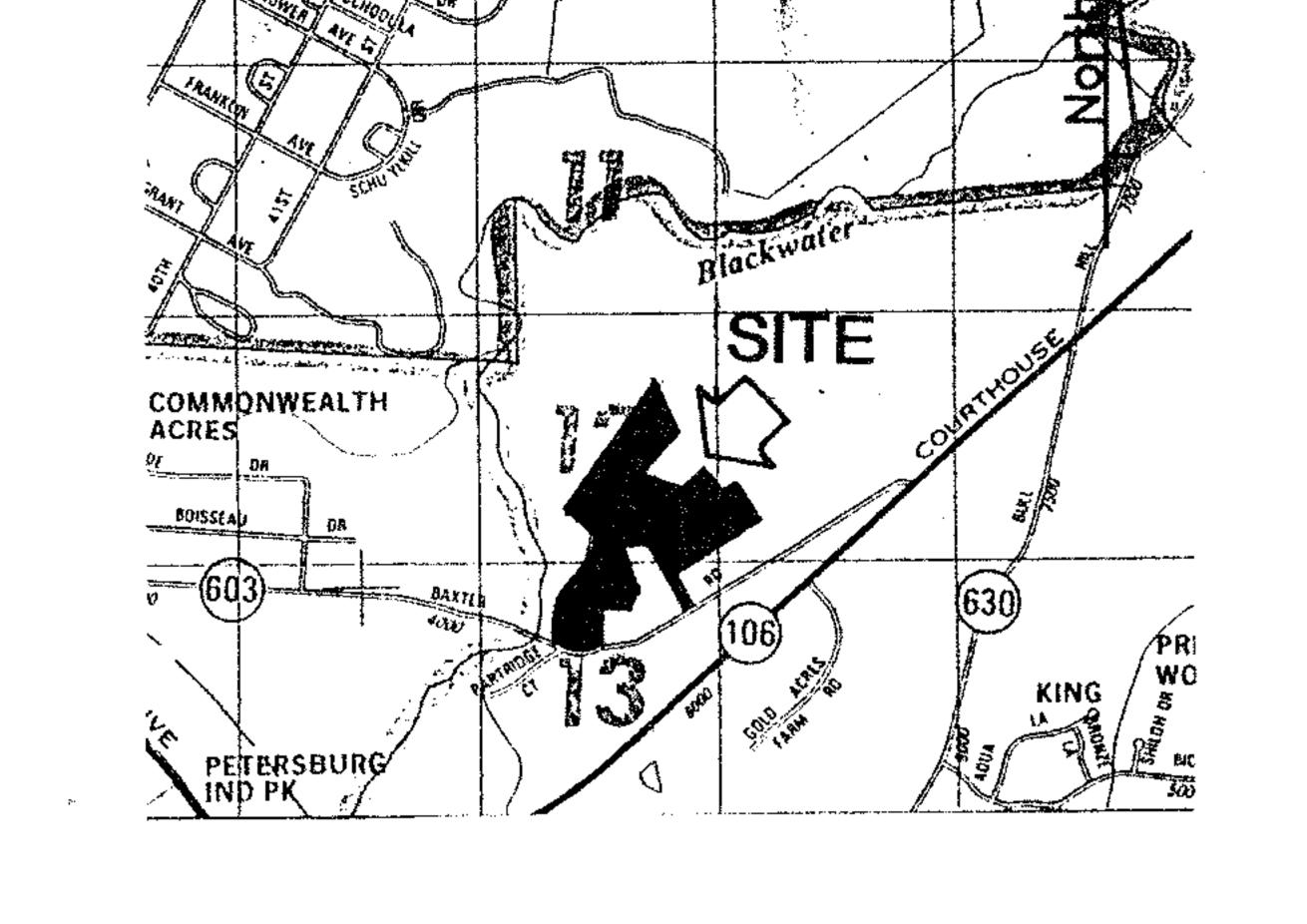
This curb is to be used when so design speed is 40 MPH intess on Rural highways and 41 MPH or less in developed urban in suburban.

Note: Comb ourb B gutter having a nadius of 300 or less (doing face of ourb) shall be paid for as radios combination ourb 3

NOT TO SCALE

THE BOTTOM OF THE CURB & GUTTER

MAY BE CONSTRUCTED PARALLEL TO



LOCATION MAP 1"=2000'

### EROSION CONTROL NARRATIVE

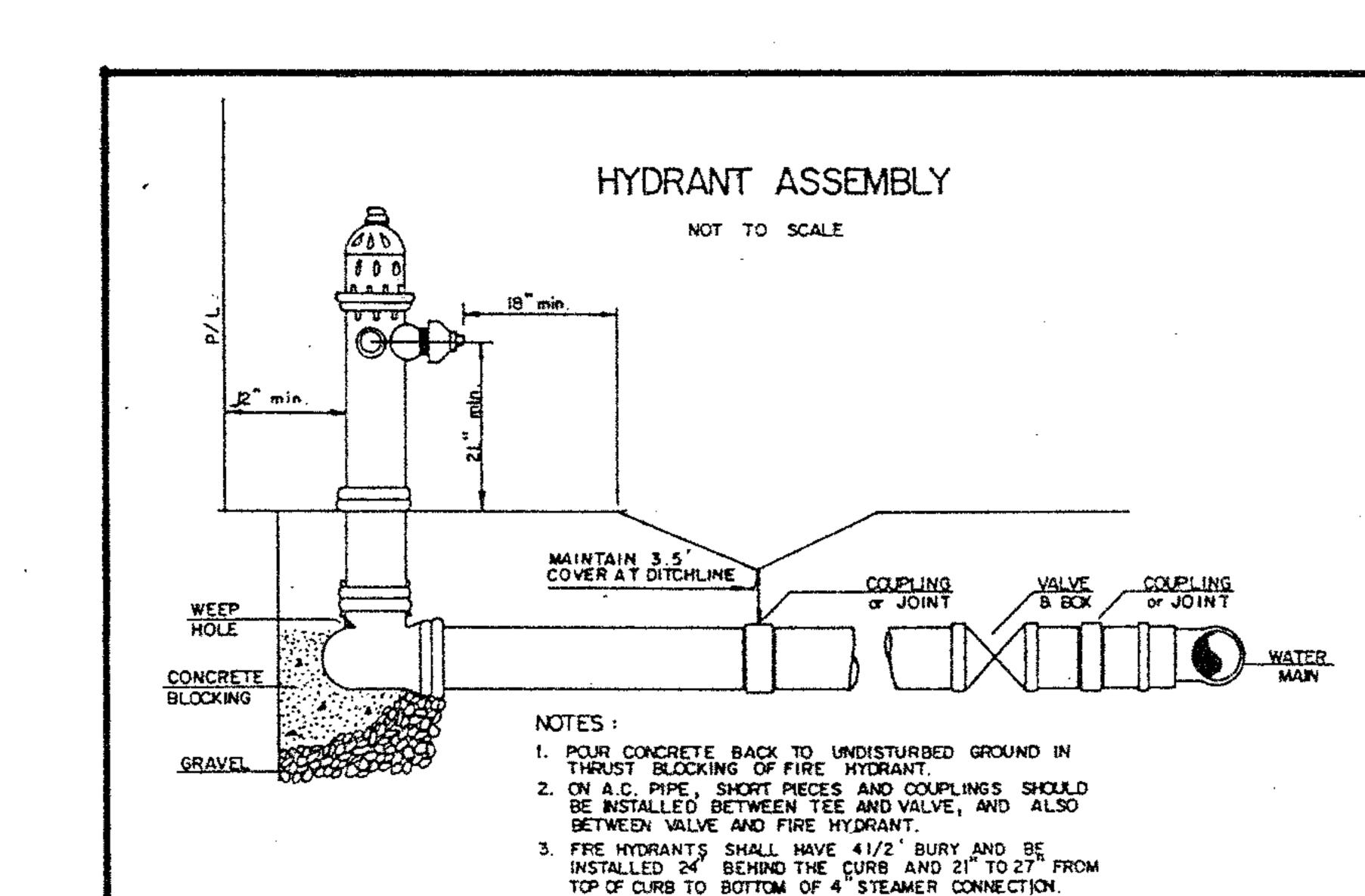
- INSTALL SANITARY SEWER INSTALL CURB AND GUTTER
- STABILIZATION OF SITE.

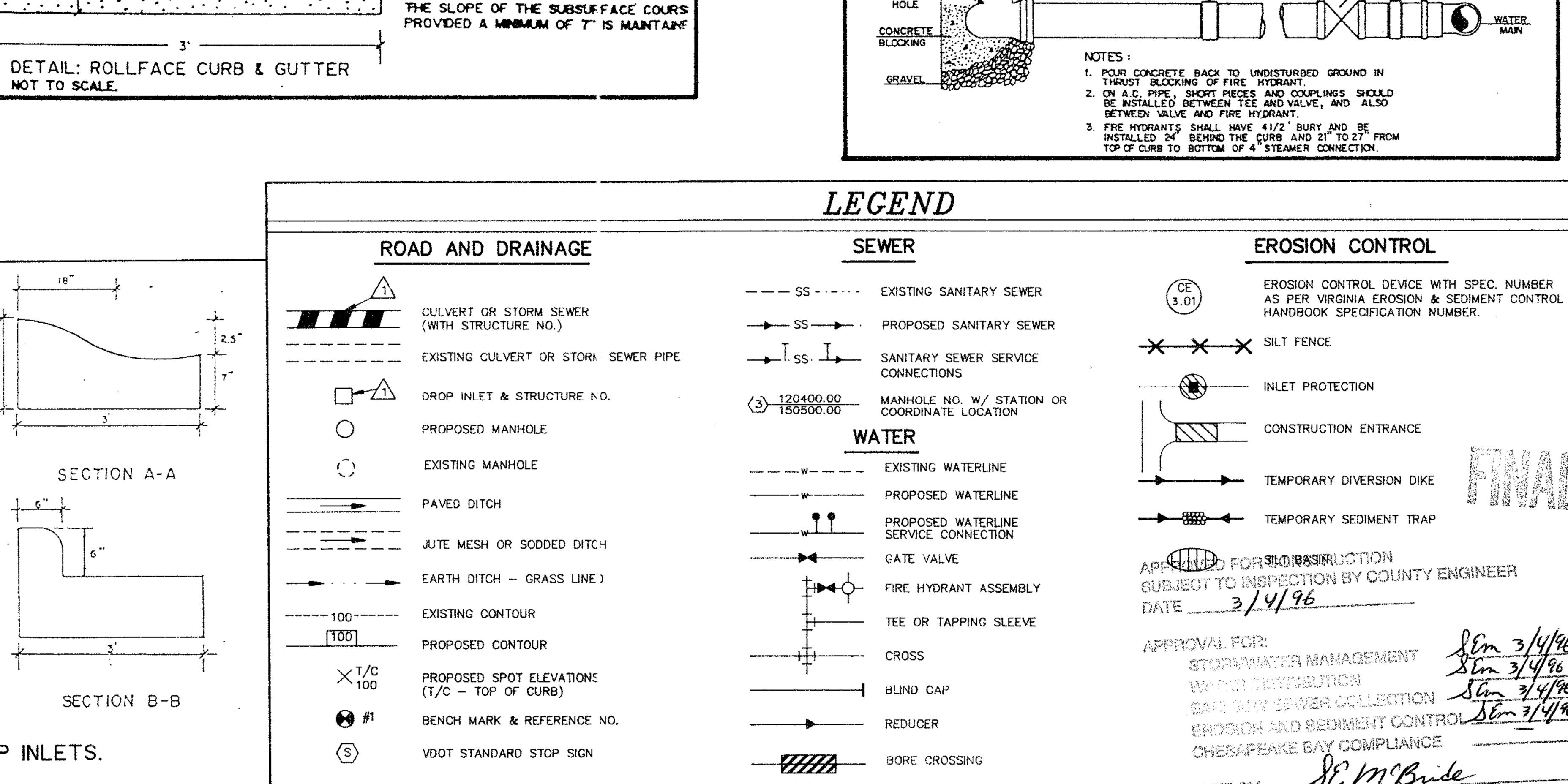
# EROSION CONTROL NOTES

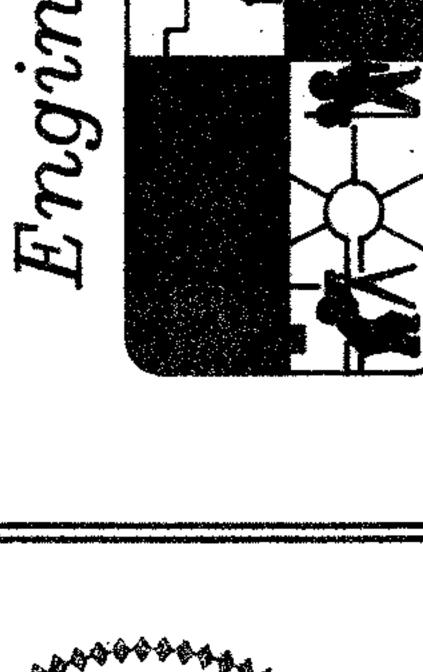
ACCORDANCE WITH THE CURRENT VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, THIRD EDITION 1992. DENUDED AREAS WITHIN SIXTY (60) DAYS AFTER FINAL GRADE IS ALSO BE APPLIED WITHIN SIXTY (60) DAYS TO DENUDED AREAS WHICH MAY NOT BE AT FINAL GRADE BUT WILL REMAIN DORMANT (UNDISTURBED FOR LONGER THAN SIXTY (60) DAYS.

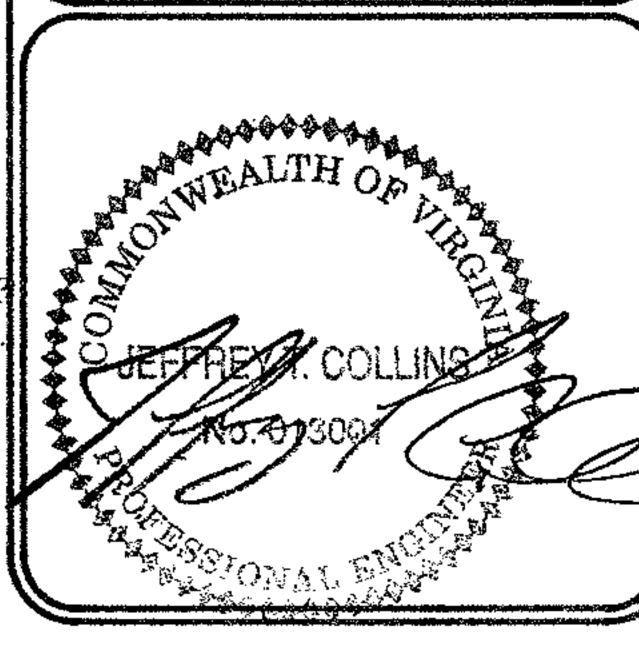
SEDIMENT CONTROL PLAN MAY BE AMENDED BY THE PLAN APPROVING AUTHORITY IF ON-SITE INSPECTION INDICATES THAT THE APPROVED CONTROL MEASURES ARE NOT EFFECTIVE IN CONTROLLING EROSION AND

FOREMAN. ANY STRUCTURES THAT ARE DAMAGED OR INOPERATIVE WILL BE IMMEDIATELY REPAIRED OR REPLACED.









REVISIONS PER COUNTY SCALE

DRAWN BY