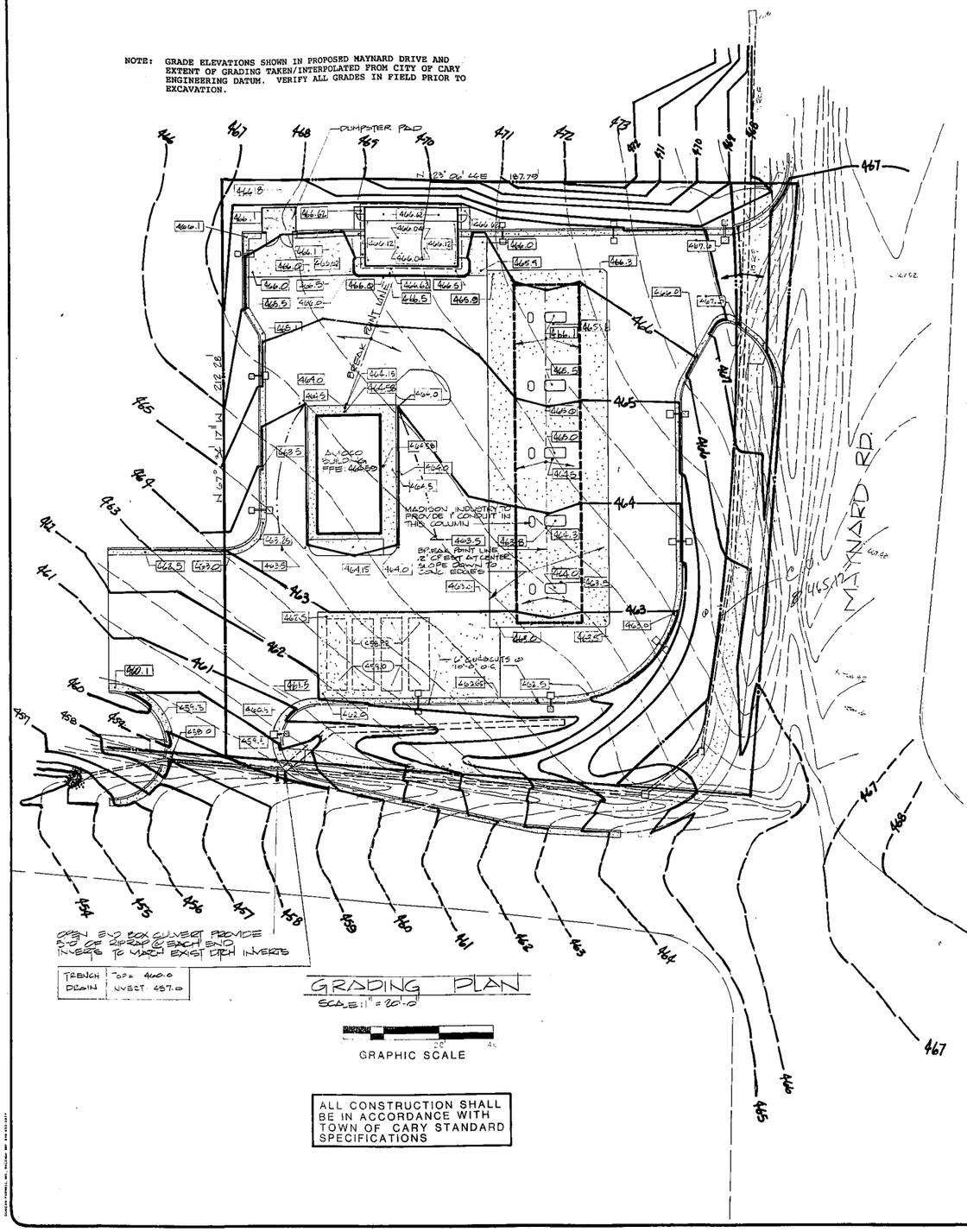
NOTE: GRADE ELEVATIONS SHOWN IN PROPOSED MAYNARD DRIVE AND EXTENT OF GRADING TAKEN/INTERPOLATED FROM CITY OF CARY ENGINEERRING DATUM. VERIFY ALL GRADES IN FIELD PRIOR TO EXCAVATION.



GRADING PLAN

SCALE: 1" = 20'-0"

GRAPHIC SCALE

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH TOWN OF CARY STANDARD SPECIFICATIONS

SITE INFORMATION

TOTAL PARKS: REGULAR 7
HANDICAP 1
OTHER -0-

LOT AREA 40,000 SQ FT ±
PAVED AREA 18,680.83 SQ FT ±
BUILDING AREA 1,749.21 SQ FT ±
LANDSCAPE AREA 9,966 SQ FT ±
WALKS AND OTHER PAVING 958.66 SQ FT ±

SETBACK REQUIREMENTS:
FRONT 50-0
REAR 0
RIGHT SIDE 42-0
LEFT SIDE 0

WATER SERVICE 1
SAN. SEW. SERVICE 1
ELECTRICAL SER. 1
NATURAL/LP GAS SER. NA
PRIME SIGN LOCATION HEREFORD CORNER
ZONING B-2 C.U.

LEGEND

- BUILDING(S) NEW OR EXISTING
- PROPERTY LINE
- NEW CONCRETE CURB
- NEW CONCRETE NOTE 2
- UTILITY POLE
- EXISTING SPOT ELEVATIONS
- BENCHMARK ELEVATION
- SETBACK OR EASEMENT LINE
- EXISTING CONTOURS TO CHANGE
- NEW CONTOURS
- ITEMS TO BE REMOVED NOTE 14
- HAY BALES SEE DETAIL
- GRAVEL CONST. ENTRANCE SEE DETAIL
- SPOT ELEVATIONS - FINISH GRADE
- SANITARY SEWER NOTE 3
- CLEAN OUT (MAX 50' O.C.)
- WATER LINE NOTE 3.5
- GAS LINE NOTE 3
- UE UNDERGROUND ELECTRIC
- ST STORM SEWER
- DETAIL KEY NUMBER DETAIL SHEET NUMBER
- LANDSCAPING NOTE 12
- EXISTING CONTOURS TO REMAIN
- NEW SPOT ELEVATION NOTE 16
- SILT FENCE SEE DETAIL
- TOP OF TANK ELEVATION

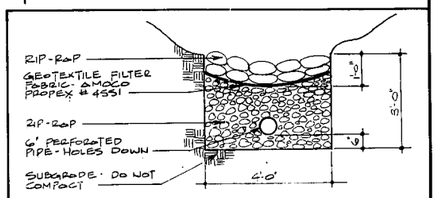
NOTE: INTERPOLATE N.W MAYNARD RD DRIVE WITH PROPOSED STREET ELEVATIONS. VERIFY ELEVATIONS WITH DOT

SITE NOTES

1. EXISTING SITE CONDITIONS AS SHOWN WERE TAKEN FROM SURVEY PREPARED BY R. R. HERRING AND ASSOCIATES, 2406 W. NASH STREET, WILSON, NC DATED JULY 1988.
2. REFER TO ST-1 FOR SITE PLAN, SHEET ST-2 FOR GRADING PLAN, SHEET ST-3 FOR SOIL EROSIONS CONTROL PLAN, SHEET ST-5 FOR PRECAST PIPING PLAN, ST-6 FOR ELECTRICAL PIPING PLAN, ST-7 FOR UTILITY PLAN, ST-8 FOR LANDSCAPING PLAN, ST-9 FOR IRRIGATION PLAN.
3. ALL UTILITY LOCATIONS INCLUDING SEWER, WATER, GAS, ELECTRIC, AND TELEPHONE SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE PRIOR TO CONSTRUCTION. COORDINATE ALL UTILITY CONNECTIONS WITH LOCAL AUTHORITIES PRIOR TO INSTALLATION.
4. WATER MAIN TAP TO BE 1" METER BASE. WATER LINE FROM METER TO BUILDING SHALL BE 1" COPPER.
5. CONNECT BUILDING STORM DRAINAGE INTO STORM DRAINAGE SYSTEM WHERE APPLICABLE.
6. CONCRETE PADS TO BE 6" - 4000 PSI CONCRETE WITH FIBERGLASS REINFORCEMENT UNLESS OTHERWISE SPECIFIED. (REFER TO SPECIFICATIONS AND SCOPE OF WORK FOR MORE INFORMATION). PAVING TO BE LEVEL WITH ASPHALT PAVING OR AS SHOWN.
7. CONNECT NEW DRIVE PAVING TO EXISTING STREET PAVING. DRIVES AND APPROACHES SHALL BE CONSTRUCTED ACCORDING TO N. C. STATE HIGHWAY STANDARDS FOR COMMERCIAL DRIVES USING STANDARDS FOR ENTRANCE REQUIREMENTS UNLESS INSTRUCTED OTHERWISE BY GOVERNING OFFICIALS.
8. YARD LIGHTS WHEN SHOWN SHALL HAVE BASE INSTALLED BY GENERAL CONTRACTOR AND WIRED BY ELECTRICAL CONTRACTOR. POLES AND FIXTURES SHALL BE SUPPLIED BY OWNER.
9. ASPHALT PAVING TO HAVE 2" ASPHALT BINDER WITH 1 1/2" ASPHALT FINISH OVER 6" CRUSHED STONE BASE UNLESS OTHERWISE NOTED. OFF SITE PAVING AT DRIVES SHALL CONFORM TO NORTH CAROLINA DOT SPECIFICATIONS: 8" ABC FILL, 3" H BINDER, AND 2" I-2.
10. ALL PARKING LOT STRIPING SHALL BE WHITE STANDARD TRAFFIC PAINT. PARKING LINES SHALL BE 4" WIDE BY LENGTH SHOWN. HANDICAP SYMBOL SHALL BE PAINTED WHITE STANDARD TRAFFIC PAINT UNLESS OTHERWISE REQUIRED BY LOCAL STANDARDS.
11. SITE WORK AND LANDSCAPE CONTRACTOR SHALL COMPLY WITH LOCAL AND STATE CODES IN OBSERVING SOIL EROSION CONTROL MEASURES DURING AND AFTER CONSTRUCTION, ON AND OFF SITE.
12. HANDICAP RAMP SHALL NOT EXCEED 5%. RAMPS AND PARKING FOR HANDICAP SHALL COMPLY WITH HANDICAP CODE. PROVIDE HANDICAP SIGN.
13. COMPLETELY REMOVE ALL EXISTING FEATURES NON-CONDUCIVE TO NEW CONSTRUCTION BY REMOVING AND DISPOSING OF DEBRIS FROM SITE IN A LEGAL MANNER.
14. PROVIDE CLEAN FILL AS REQUIRED. FILL SHALL BE PLACED IN 4" MAXIMUM LIFTS AND COMPACTED TO A DENSITY OF 95% MODIFIED PROCTOR. FILL SHALL BE COMPACTED IN SUCH A MANNER AS TO PROVIDE MINIMUM BEARING CAPACITY OF 2000 PSF.
15. CONTRACTOR PRIOR TO SUBMITTING BID SHALL INSPECT SITE FOR WORK TO BE DONE THIS JOB BY HIS RESPECTIVE TRADE. CONTRACTOR(S) PROVIDING SERVICES SHALL VERIFY EXISTING CONDITIONS AND BE RESPONSIBLE FOR ALL DIMENSIONS AND ELEVATIONS ON JOB SITE. DISCREPANCIES NOTED SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO CONSTRUCTION.
16. RELOCATE EXISTING POWER POLE. CONSULT LOCAL AUTHORITIES.
17. CONNECT NEW DRIVEWAY CURB AND GUTTER TO EXISTING STREET CURB AND GUTTER.

CONSTRUCTION SEQUENCE

1. Obtain Grading Permit.
2. Install all erosion control measures as shown.
3. Obtain Certificate of Compliance through on-site inspection by Town Erosion Control Engineer.
4. Proceed with grading.
5. Clean sediment basins when half full.
6. Seed and mulch denuded area within 30 days after finished grades are established.
7. Maintain soil erosion control measures until permanent ground cover is established.
8. Request final approval by Town Erosion Control Engineer.
9. Remove soil erosion control measures and stabilize these areas.



(1) ST-2 INTERCEPT DRAIN DETAIL

SCALE: 1/2" = 1'-0"

R. GARY GLUECK, A.I.A.
ARCHITECT — PLANNERS
228 SOUTH CHURCH STREET, POST OFFICE BOX 273
ROCKY MOUNT, NORTH CAROLINA 27801
TELEPHONE (919) 442-1666

SEAL
NORTH CAROLINA REGISTERED GARY GLUECK 3132 REGISTERED ARCHITECT

CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AT JOB SITE.

SITE DEVELOPMENT PLANS FOR
AMOCO OIL COMPANY
W. CHATHAM ST. & N.W. MAYNARD RD.
CARY, N.C.

REVISIONS
17 MAR. '89 AS PER TOWN
31 MAR '89 AS PER TOWN
5 APRIL '89 AS PER TOWN
13 APRIL '89 AS PER L-PLAN

DRAWN BY JHH / JVB
CHECKED BY RGG
DATE 28 DECEMBER '88
SHEET 2 OF 12
PROJECT 872
SHEET NO. ST-2
GRADING PLAN