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## LEGEND
- **0**: 0% 1/2" DRAIN PIPE CONSTRUCTION
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### Sheet No 200

- **Sheet No.**: 200
- **Issue Date**: 12/31/00
- **Effective Date**: 12/31/00
- **Drawing No.**: 1221
- **Drawing Title**: Blk 216 Chambers Rock Rd (N329)
- **Drawn By**: M. Peterson
- **Checked By**: M. Peterson
- **Approved By**: M. Peterson

---

### Sheet No 300

- **Sheet No.**: 300
- **Issue Date**: 12/31/00
- **Effective Date**: 12/31/00
- **Drawing No.**: 1221
- **Drawing Title**: Blk 216 Chambers Rock Rd (N329)
- **Drawn By**: M. Peterson
- **Checked By**: M. Peterson
- **Approved By**: M. Peterson

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### Sheet No 400

- **Sheet No.**: 400
- **Issue Date**: 12/31/00
- **Effective Date**: 12/31/00
- **Drawing No.**: 1221
- **Drawing Title**: Blk 216 Chambers Rock Rd (N329)
- **Drawn By**: M. Peterson
- **Checked By**: M. Peterson
- **Approved By**: M. Peterson
NOTES:

- ALL HARDWARE SHALL BE GALVANIZED EXCEPT FOR SCREWS WHICH MAY BE CAST IRON OR MALLEABLE IRON.
- 3/8 STEEL PLATES SHALL CONFORM TO ASTM A56 STEEL.
- ALL HOLES FOR BOLT CONNECTIONS TO THE RAIL POSTS SHALL BE RECOMMENDED.
- SEE SHEET NO. 5 PLAN DETAIL FOR SCREW LOCATIONS, WHEEL RAIL SPICE, HAND RAIL SPICE, AND STIFFENER LOCATIONS.
- THE CONTRACTOR SHALL NOTIFY HIS SUPPLIERS WHETHER TO DRILL THE HOLES IN THE SHOP OR TO FIELD DRILL THEMSELVES.
- ALL HOLES FOR 3/8 BOLTS SHALL BE 3/8".

LEGEND:
- DRILLED 3/8" HOLE LOCATION
- BEARING 3/8" HOLE LOCATION

NOTE:

THE HOLE LOCATION FOR THE GUARDRAIL SHALL MATCH THE LOCATION SHOWN ON THE DECK FRAG PANEL.

GUARDRAIL SPICE DETAIL

HANd RAIL SPICE DETAIL

TYPICAL END SECTION
ELEVATION—TYPICAL BETWEEN PANEL MEMBERS

NOTE:
1. 20 SCUPPERS ARE REQUIRED
2. ALL SCUPPERS SHALL BE ARBED (DRAINAGE TYPICAL)
3. ALL SCREW NUTS/TORNADO SCREWS 1/4-20 STEEL
4. STAINLESS STEEL SCREW, NUT

THERE IS NO BOLT PLACED THROUGH THE ANGLE SECTION OR THE DECK PANEL SECTION AT THE END OF THE DECK PANELS.

GUARDRAIL TO DECK TO STIFFENER ATTACHMENT DETAIL
## REINFORCING BAR LIST

1. STANDARD BAR BENDS INCLUDE ONLY TYPES 1-9, 11-15, AND 17.
2. ALL DIMENSIONS ARE CUT-TO-OFF OR BAR EXCEPT "A" AND "F".
3. "C" IN TABLES ON SIDE 2 MUST BE SHOWN ON THE CONTRACTS.
4. "A" IN TABLES ON SIDE 2 MUST BE SHOWN ON THE CONTRACTS.
5. "F" IN TABLES ON SIDE 2 MUST BE SHOWN ON THE CONTRACTS.
6. "F" IN TYPE 17 IS THE SAME FOR ALL BENDS AND VIEO.
7. "F" IN TYPE 17 IS THE SAME FOR ALL BENDS AND VIEO.
8. "F" IN TYPE 17 IS THE SAME FOR ALL BENDS AND VIEO.

### STANDARD BAR BENDS

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### END OF STANDARD BAR BENDS
GENERAL NOTES FOR EROSION AND SEDIMENT CONTROL

1. DESCRIPTION

This work shall consist of the application of measures to prevent the generation of sediments caused by earth moving operations. The erosion and sediment control measures shall include:

- Use of sediment control devices
- Use of erosion control measures
- Use of sediment and erosion control materials
- Use of sediment and erosion control equipment

2. EROSION CONTROLS

The methods and techniques used to control erosion shall be in accordance with the requirements of the erosion and sediment control plan. The erosion control measures shall include:

- Use of sediment control devices
- Use of erosion control measures
- Use of sediment and erosion control materials
- Use of sediment and erosion control equipment

3. DEFINITIONS

- Sediment: Mixture of solid material that is moved by water or wind and deposited in another location.
- Erosion: The process by which sediments are removed from the earth's surface.

4. CONTRACTOR PAYMENT

The contractor shall be paid for the cost of implementing the erosion and sediment control measures as specified in the contract documents.

5. MAINTENANCE

- Use of sediment control devices
- Use of erosion control measures
- Use of sediment and erosion control materials
- Use of sediment and erosion control equipment

6. CLEARING AND GRUBBING

- Use of sediment control devices
- Use of erosion control measures
- Use of sediment and erosion control materials
- Use of sediment and erosion control equipment

7. STABILIZATION / LIMITS OF DISTURBANCE

- Use of sediment control devices
- Use of erosion control measures
- Use of sediment and erosion control materials
- Use of sediment and erosion control equipment

8. CONTACT PERSON

The contractor shall submit a request for the name of the contact person to be responsible for implementing the erosion and sediment control measures. The contact person shall be responsible for ensuring that the measures are implemented in accordance with the requirements of the erosion and sediment control plan.

GENERAL NOTES 1 & 2

GENERAL NOTES 3 - 6

GENERAL NOTES 7 & 8

GENERAL NOTES 9 - 15

GENERAL NOTES PHASING PLAN

GENERAL NOTES PHASING PLAN
### BORINGS SHEET

**NOTES:**
1. BORINGS LOSE MADE BY DELAWARE DIVISION OF HIGHWAYS AS A PORTION OF THEIR INSPECTION PROGRAM FROM NOVEMBER 1980 TO FEBRUARY 1981.
2. LOCATIONS OF BORINGS REFERENCED TO ROUTE 273 SURVEY MARKERS.
3. LAPLACED BLANKS INDICATE NEITHER SAMPLES NOR BORING LOGS WERE AVAILABLE.

**REFERENCE:**
1. FOR NAME & MODEL BORING DESCRIPTION SEE HIGHWAY PROFILE.

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### Table of Sample Descriptions

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### Table of Classifications

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### Sample Location Details

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### General Notes

- The information shown on this sheet is based on limited investigations and is no pay indicator to indicate the true condition which will be determined during construction.
- BORINGS LOSE MADE BY DELAWARE DIVISION OF HIGHWAYS AS A PORTION OF THEIR INSPECTION PROGRAM FROM NOVEMBER 1980 TO FEBRUARY 1981.
- LOCATIONS OF BORINGS REFERENCED TO ROUTE 273 SURVEY MARKERS.
- LAPLACED BLANKS INDICATE NEITHER SAMPLES NOR BORING LOGS WERE AVAILABLE.
- FOR NAME & MODEL BORING DESCRIPTION SEE HIGHWAY PROFILE.
SWAGED CABLE ASSEMBLY AND RELATED FASTENER HARDWARE ASSEMBLY SEQUENCE