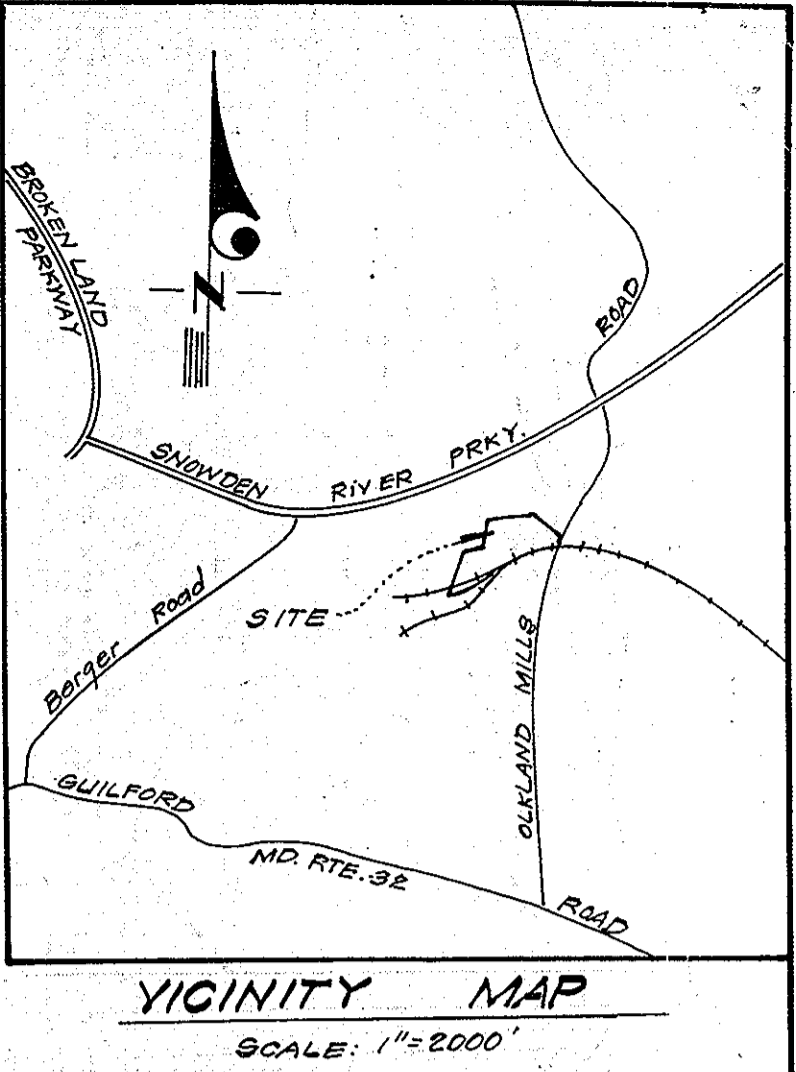


| SHEET INDEX | |
|-------------|-----------------------|
| No. | DESCRIPTION |
| 1 | SITE DEVELOPMENT PLAN |
| 2 | RETAINING WALL |



LEGEND

| | |
|---------------------------|------------|
| 1. Contour Interval | 2 Ft. |
| 2. Existing Contour | ---(80)--- |
| 3. Proposed Contour | ---(80)--- |
| 4. Spot Elevation (Ex.) | 80.6 |
| 5. Spot Elevation (Prop.) | 80.6 |

GENERAL NOTES

1. Plat Reference: P.B. 30, F. 88.
2. Parcel L-1 is located on Tax Map No. 42.
3. Parcel L-1 is subject to the criteria set forth in Final Development Plan Phase 82 as recorded in Plat Book 13, Folio 131/139.
4. Zoning: New Town (INDUSTRIAL)
5. Area of Submission: 0.96 Acres
6. Previously approved site development plans for this parcel are S.D.P. 72-180 and S.D.P. 72-56-C.
7. Water & Sewer Service are not required for the storage sheds.
8. Landscaping along north property line to be as shown on S.D.P. 72-180 and S.D.P. 72-56-C.
9. The purpose of this Plan is for the addition of a storage and Woodworking Building.

Due to minimum area to existing paving to be disturbed, erosion control provisions other than Inlet Protection shown will not be required.

Reviewed for: H. V. A. R. D. S.C.D.
Name
and meets Technical Requirements
Donald B. Sackett L.S.
(Signature) Date
U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY CONSERVATION DISTRICT.

William V. Plame 8-18-80
Approved Date

SURVEYOR'S CERTIFICATE

I hereby certify that the information shown hereon is the same as shown on the previously Approved S.D.P. 78-107-C. The location of the building has been moved 12' east and 10' north. The need for a concrete swale around the building has been eliminated by the new building type. (see Typical Elevation).
The building set backs comply with the Howard County Zoning and Subdivision Regulations.

June 30, 1988
Donald B. Sackett
Registered Land Surveyor
Md. No. 6059

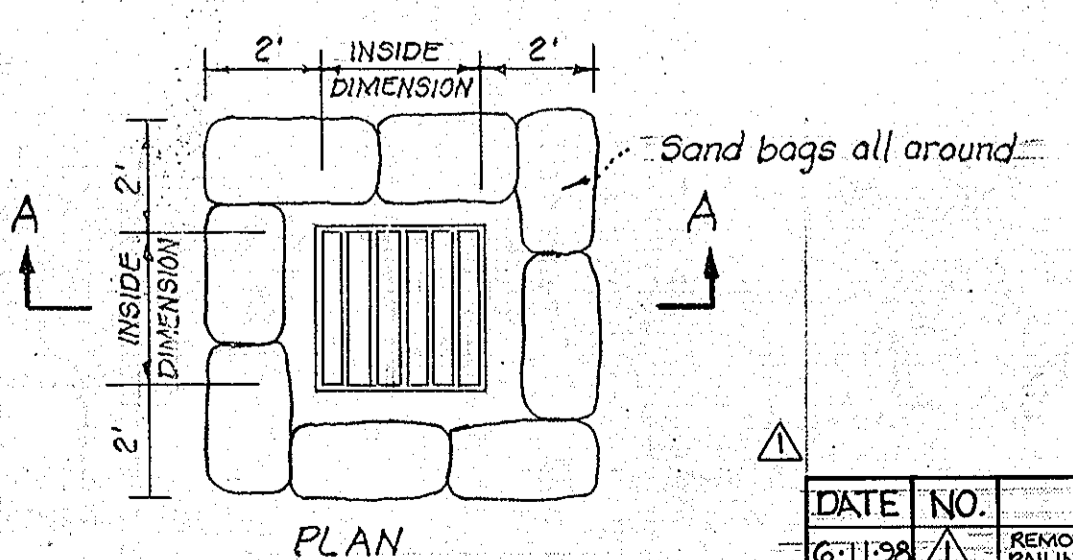
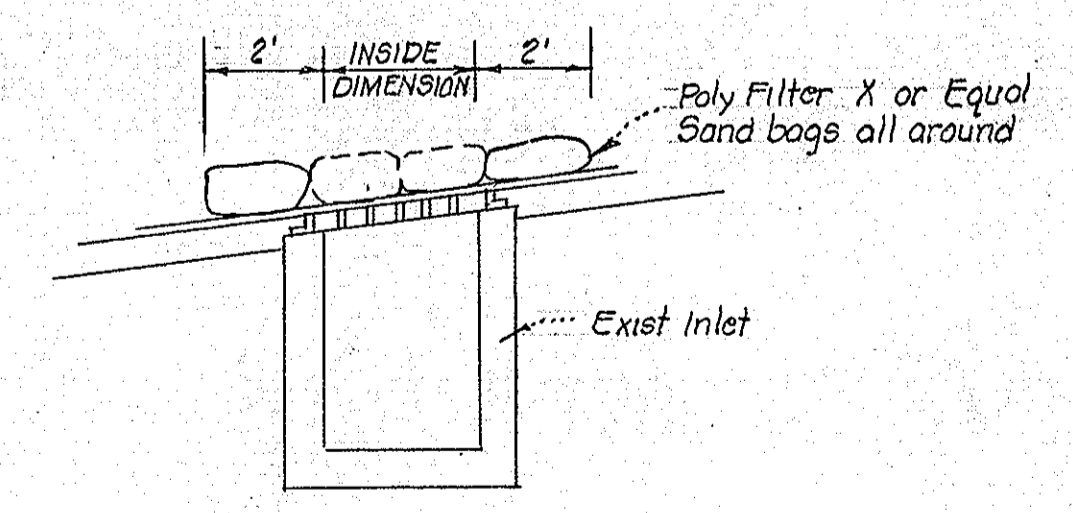
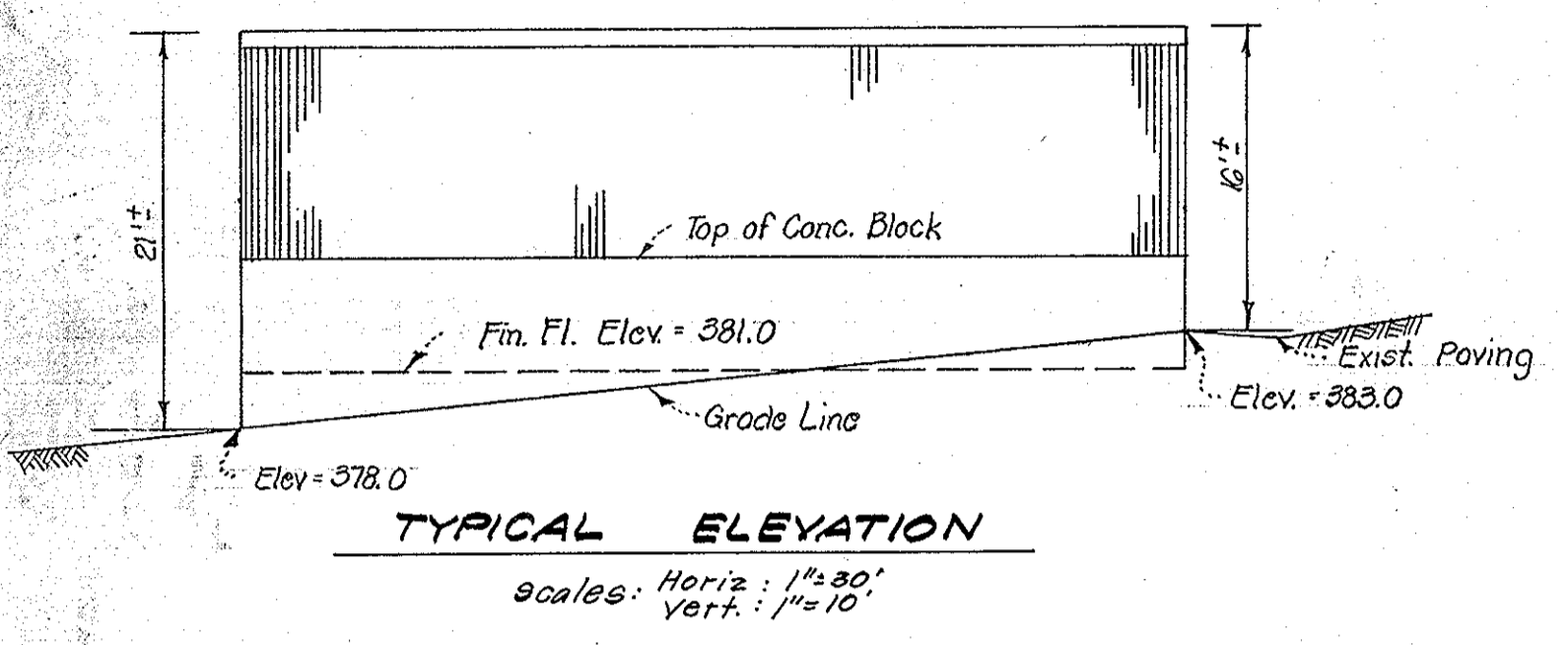
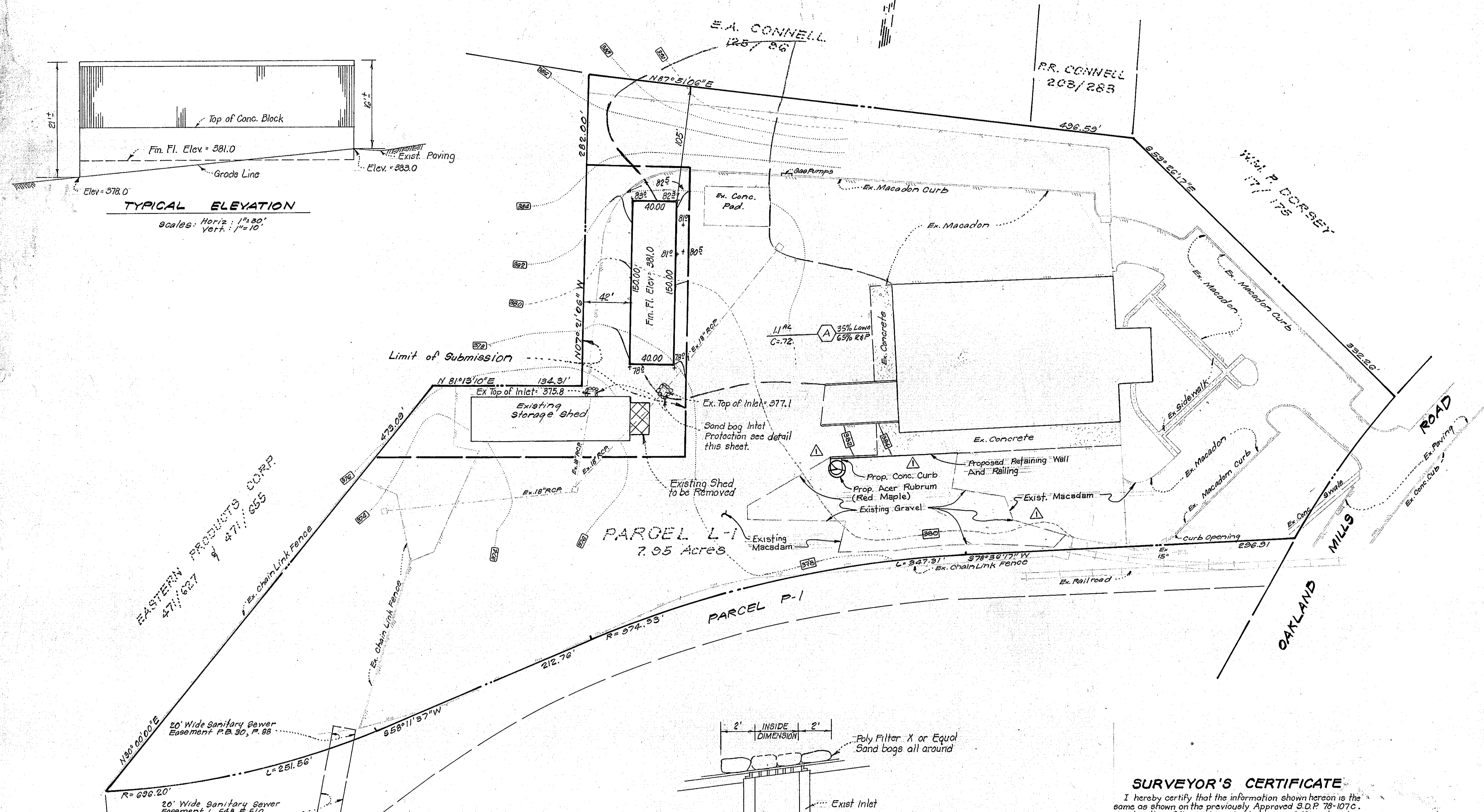
APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE **8-13-80**

NOTE:
Retaining Wall & Railing Details
Provided On Sheet 2 Of 2

CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400

| | | |
|--------------------|---|----------------------|
| DESIGNED J.M.E. | REVISED SITE DEVELOPMENT PLAN PART OF PARCEL L-1 COLUMBIA E.G.W. AREA 3 SECTION 2 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND | SCALE 1"=50' |
| DRAWN K.J.W. | | DRAWING 1 of 2 |
| CHECKED D.B.S. | FOR: THE RYLAND GROUP INC. (Columbia Div.) 7120 OAKLAND MILLS ROAD Columbia, Md. 21046 | JOB NO. |
| DATE June, 1980 | | FILE NO. 80-065-X |

SDP-81-08c HC-386



| DATE | NO. | REVISIONS |
|---------|-----|--|
| 6-30-88 | 1 | REMOVED LOADING DOCK, ADDED RETAINING WALL, RAILING, CONC CURB & RED MAPLE, UPDATED EXIST. CONDITIONS. |

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
J. H. ... 8-2-80
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
... 10-6-80
PLANNING DIRECTOR DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
... 9-29-80
DIRECTOR DATE

CHIEF BUREAU OF ENGINEERING 1/88

GENERAL NOTES

SPECIFICATIONS:

| | |
|--------------------------------------|----------------------------|
| ALLOWABLE BEARING PRESSURE | 1500 LBS./FT ² |
| SOIL WEIGHT | 130 LBS./FT ³ |
| LIVE LOAD | 260 LBS./FT ² |
| SERVICE LOAD DESIGN METHOD: | |
| CONCRETE ALLOWABLE STRENGTH | f ^c = 12000 psi |
| REINFORCING STEEL ALLOWABLE STRENGTH | f ^s = 24000 psi |

CHAMFER:

ALL EXPOSED CORNERS OF CONCRETE SHALL BE CHAMFERED WITH 3/4"x3/4" MILLED CHAMFER STRIPS, EXCEPT ON UNEXPOSED FOOTINGS OR WHERE INDICATED BY THE FOLLOWING NOTATION ON THE PLANS "DO NOT CHAMFER".

REINFORCING STEEL:

REINFORCING STEEL SHALL CONFORM TO ASTM A 615, GRADE 60. ALL SPLICES NOT SHOWN, SHALL BE LAPPED AS PER BAR LAP CHARTS. MINIMUM COVER FOR ANY BAR SHALL BE 2" UNLESS OTHERWISE NOTED, WITH THE EXCEPTION OF BARS AT THE BOTTOM OF ALL FOOTINGS WHICH SHALL HAVE A 3" MINIMUM COVER.

KEYS: ALL KEYS ARE NOMINAL SIZE.

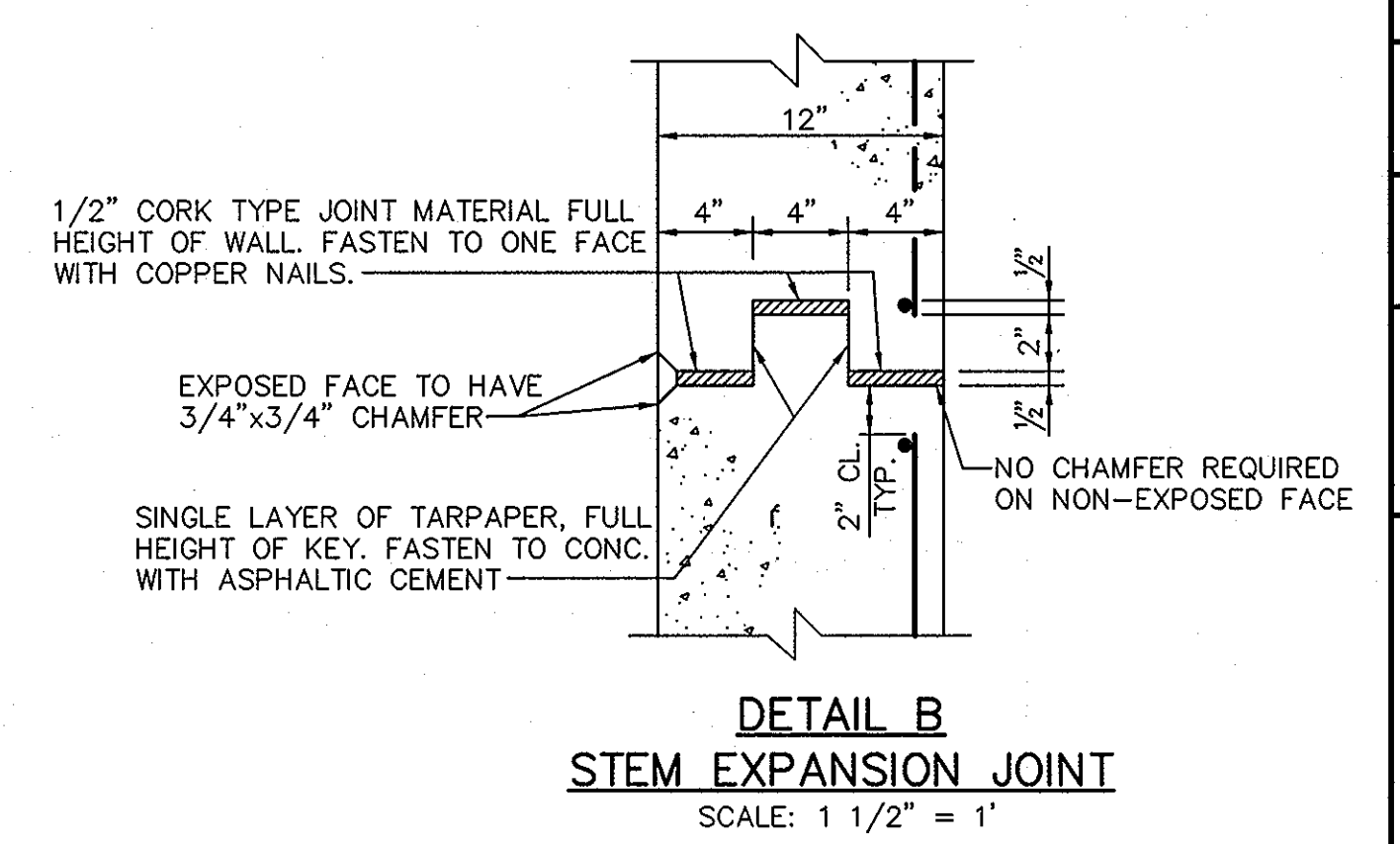
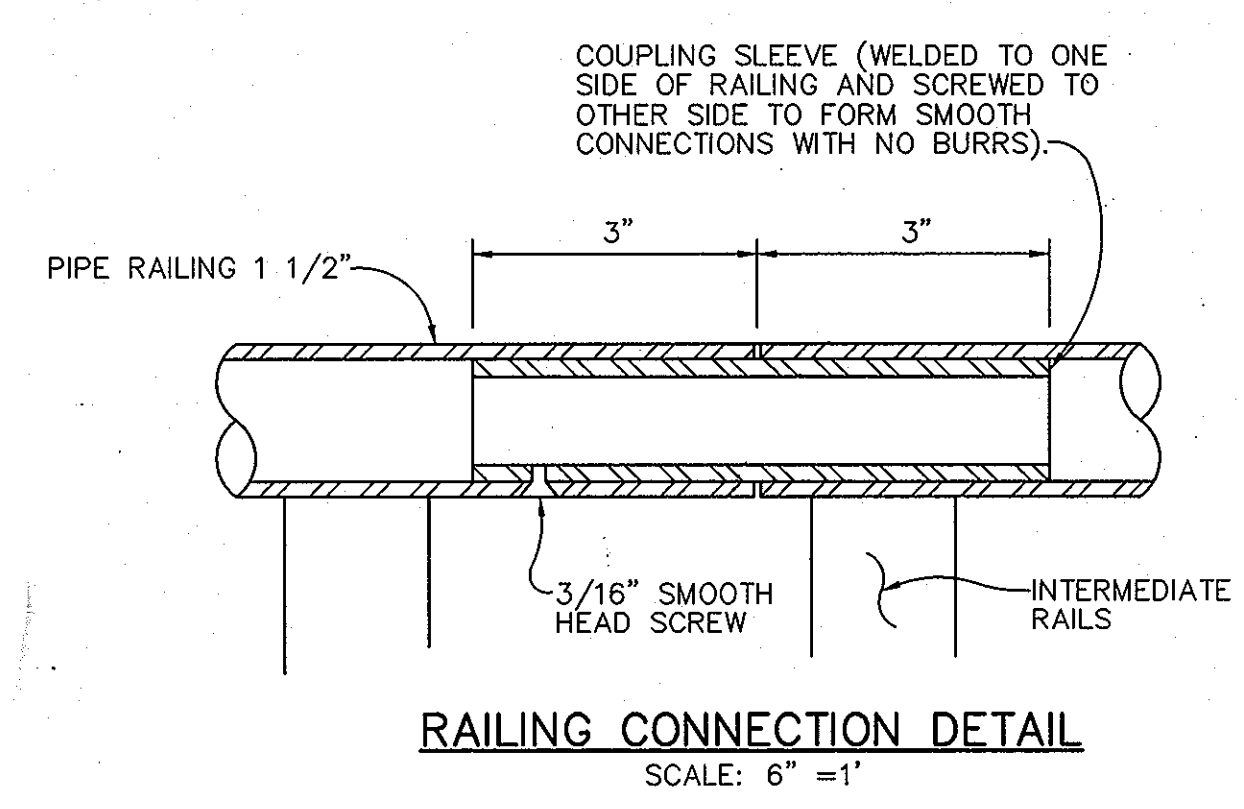
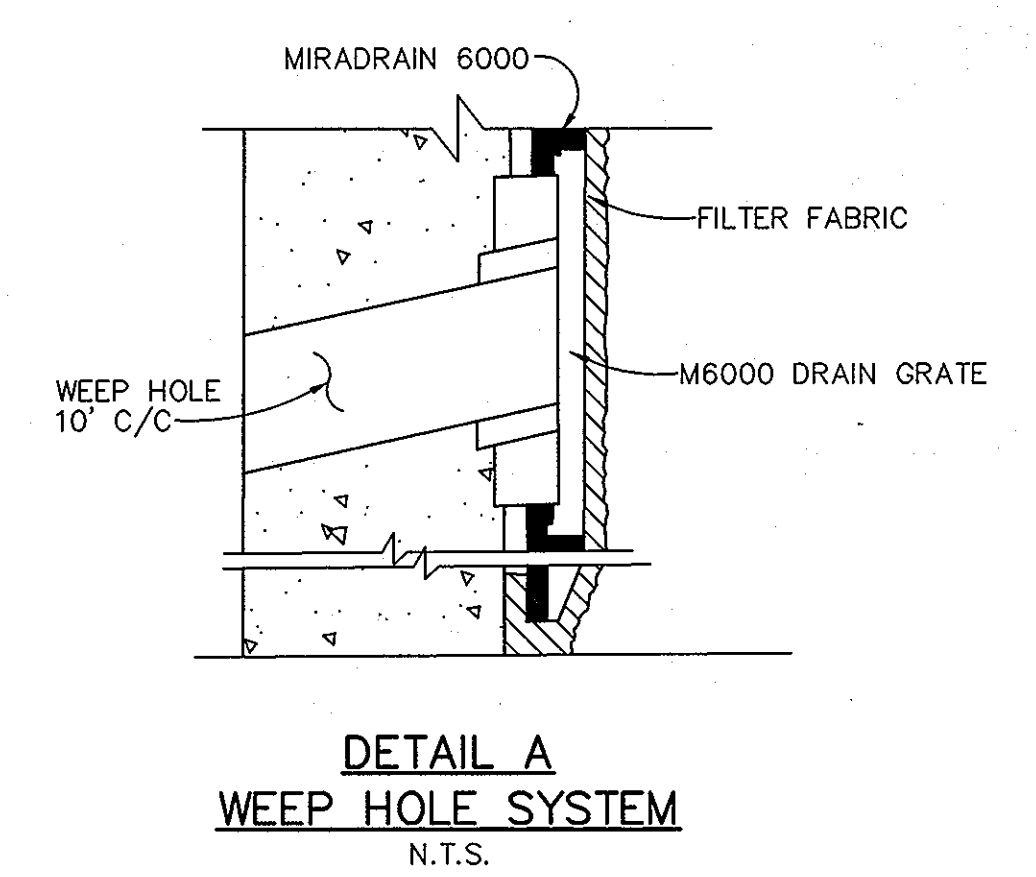
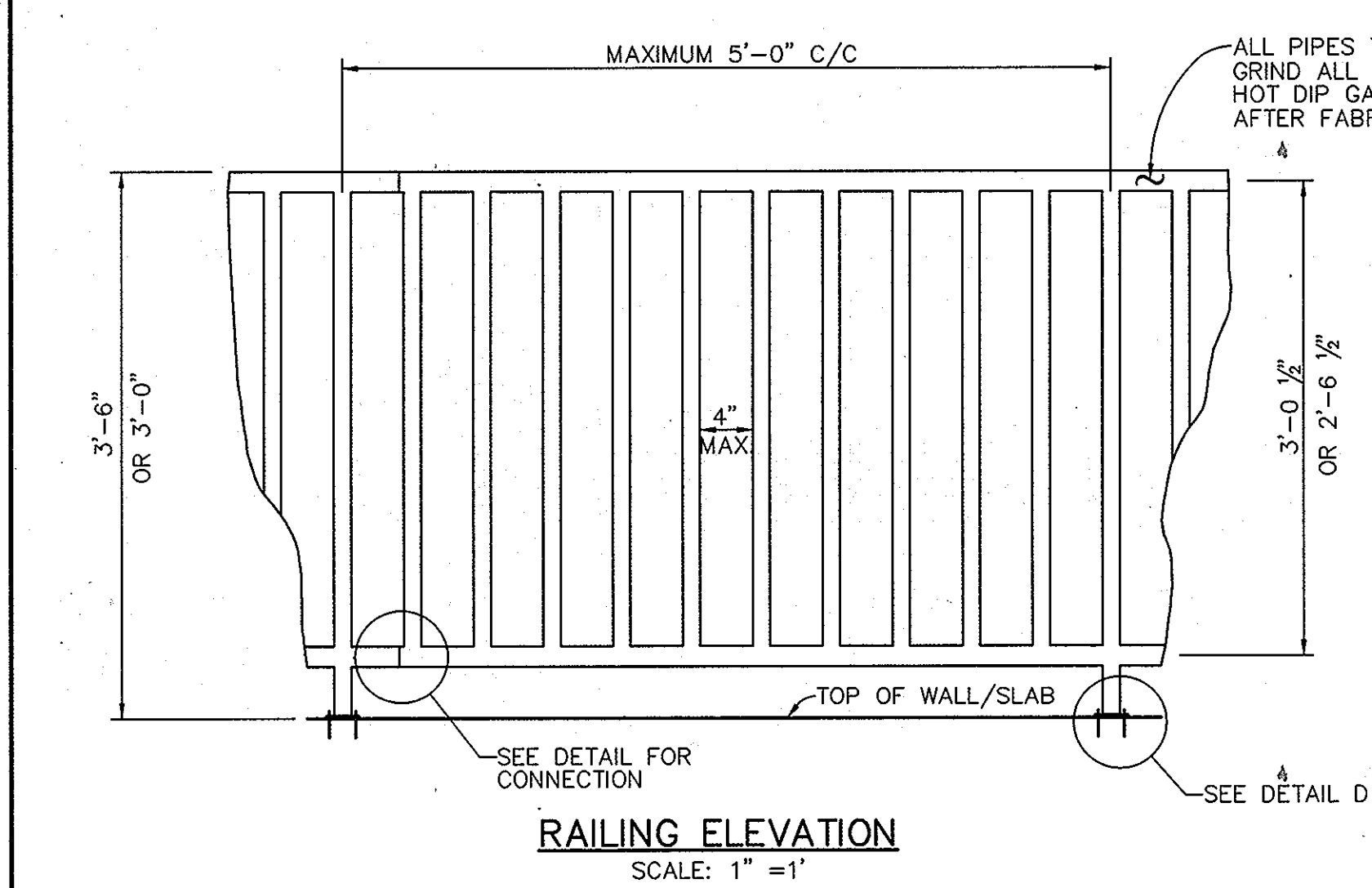
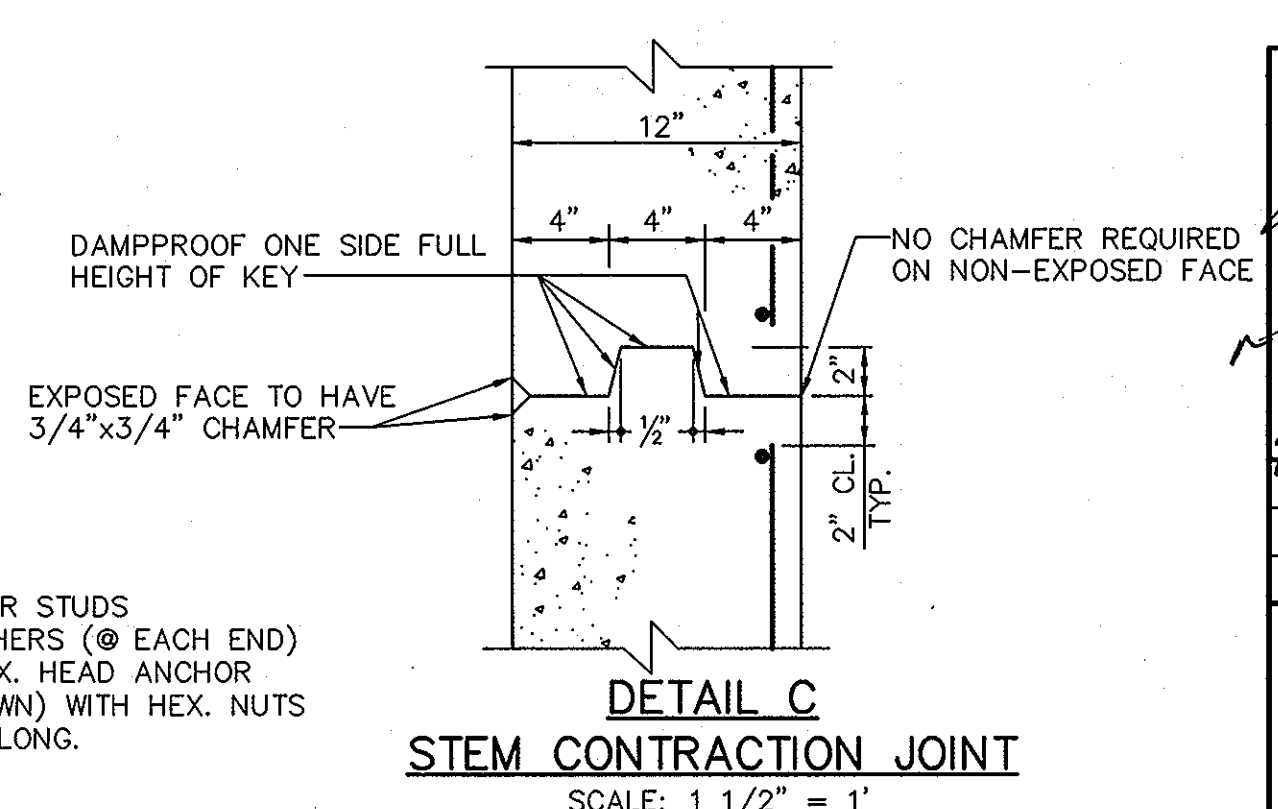
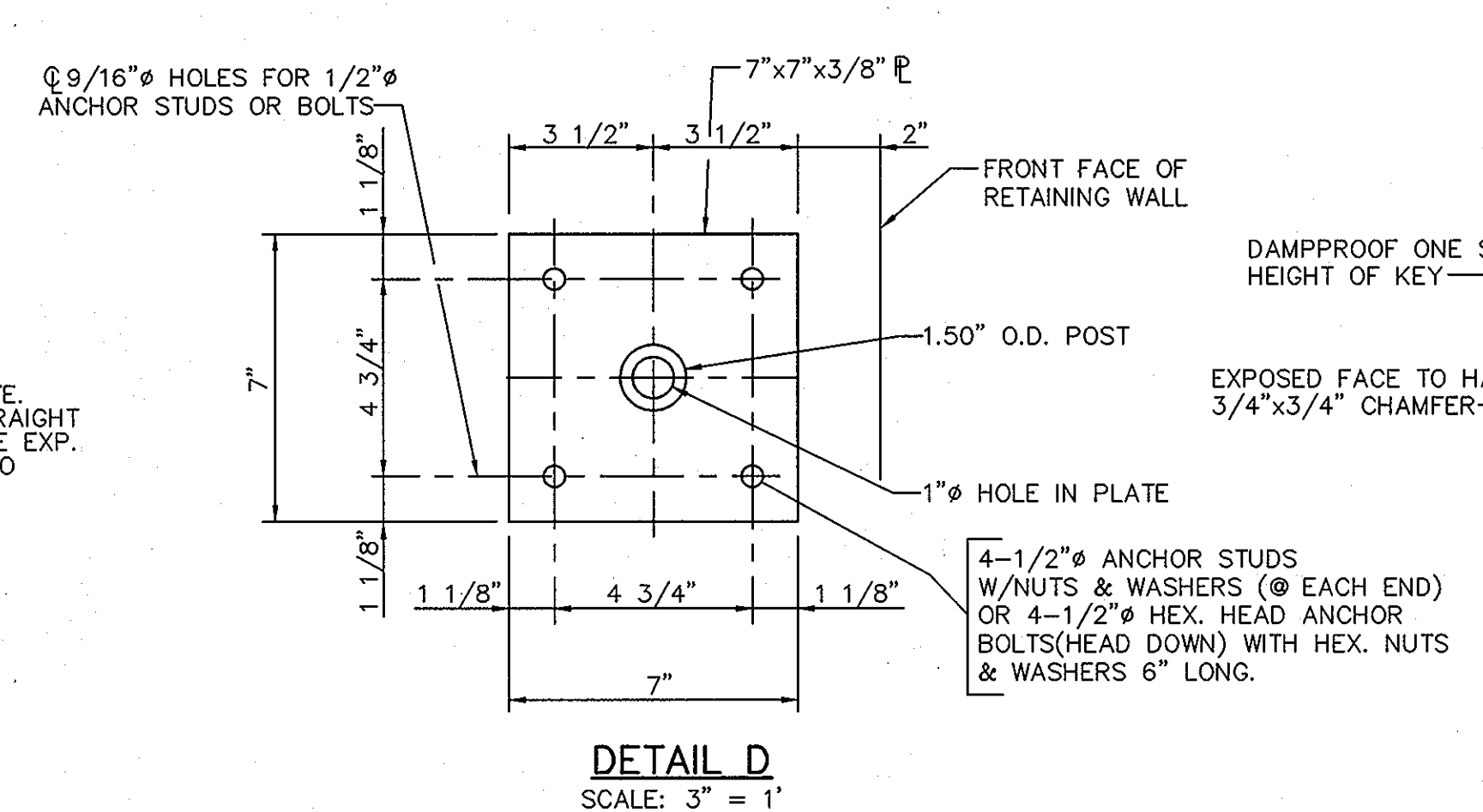
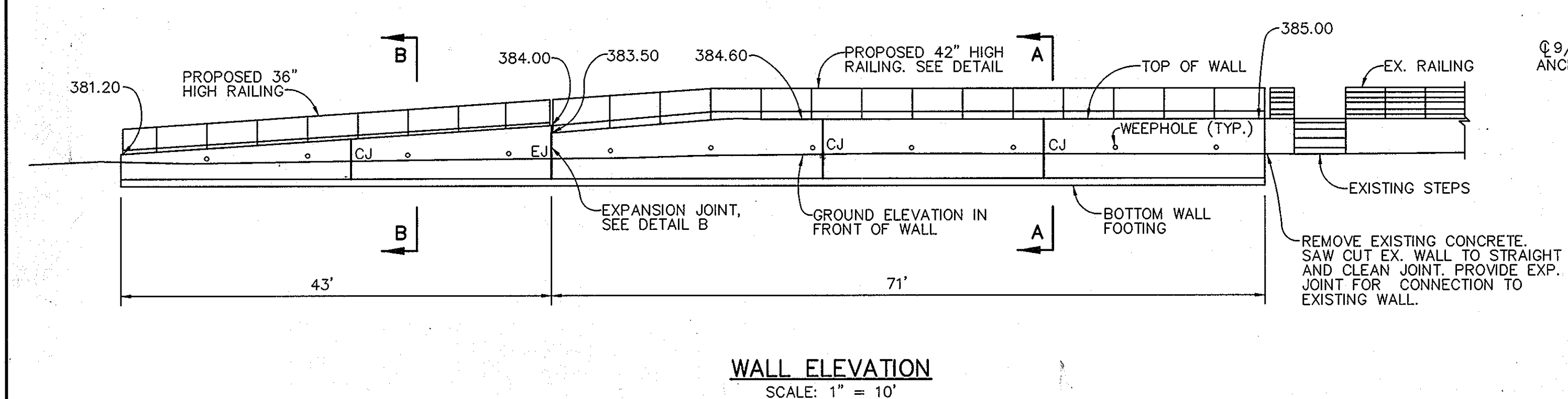
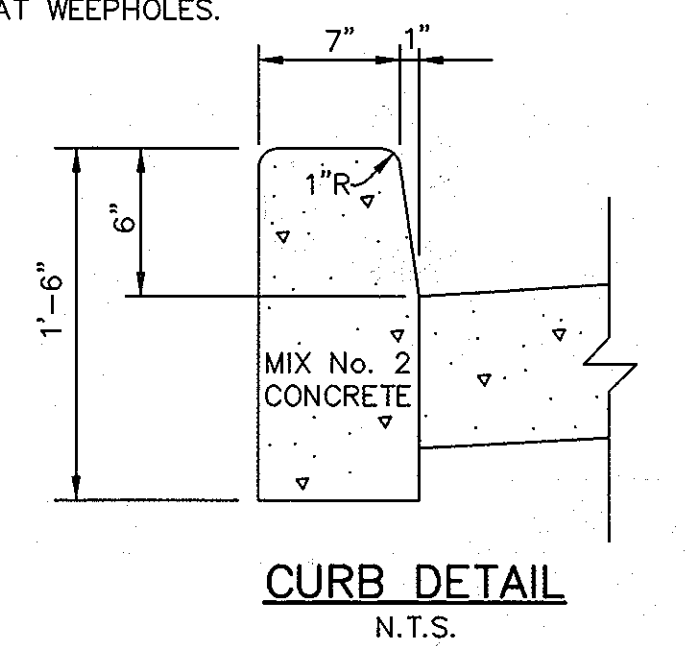
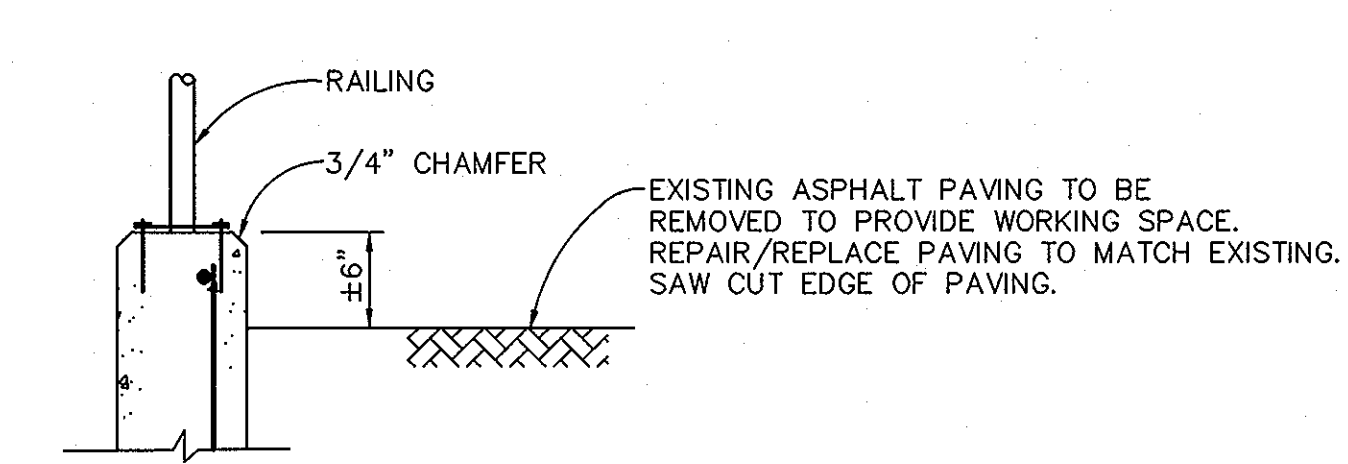
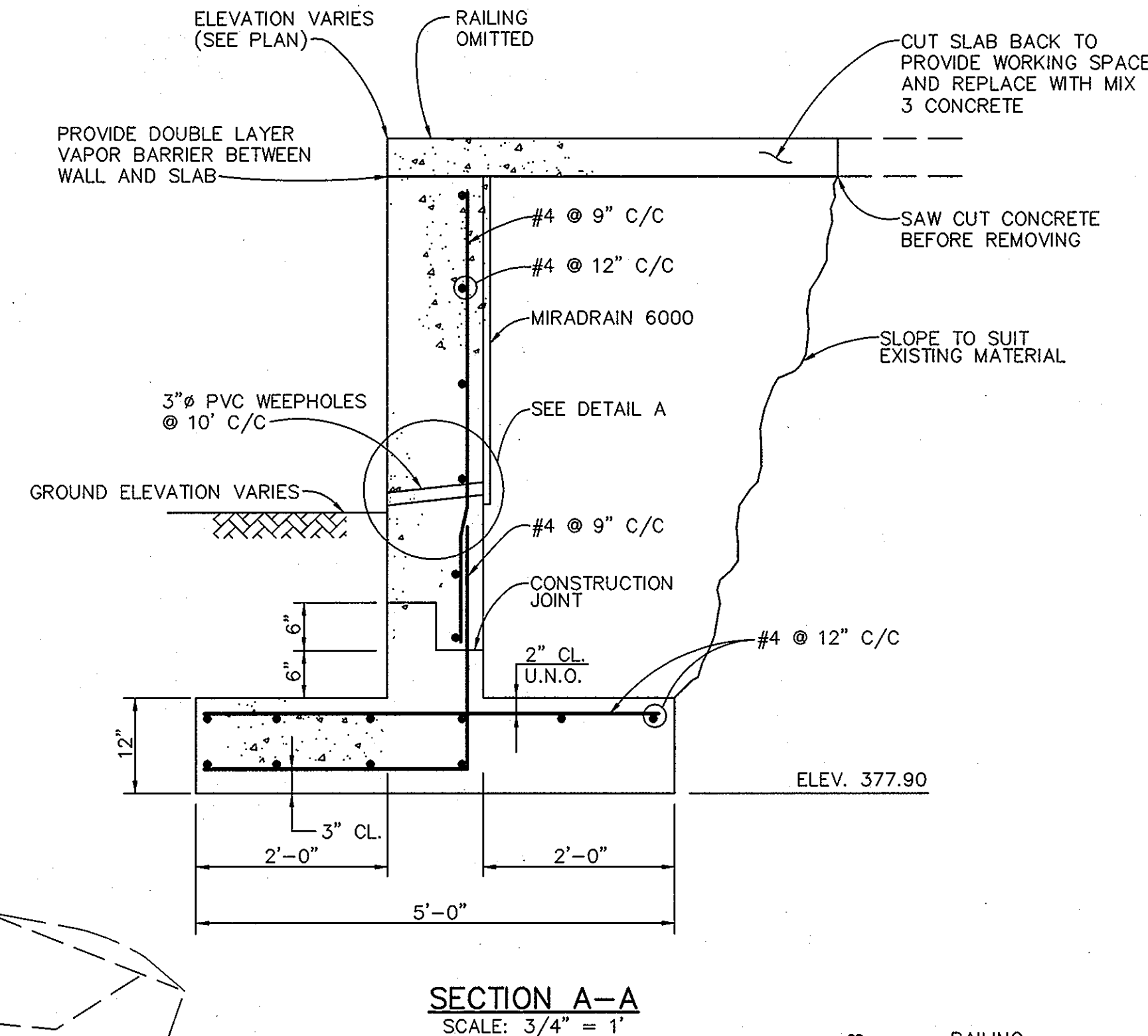
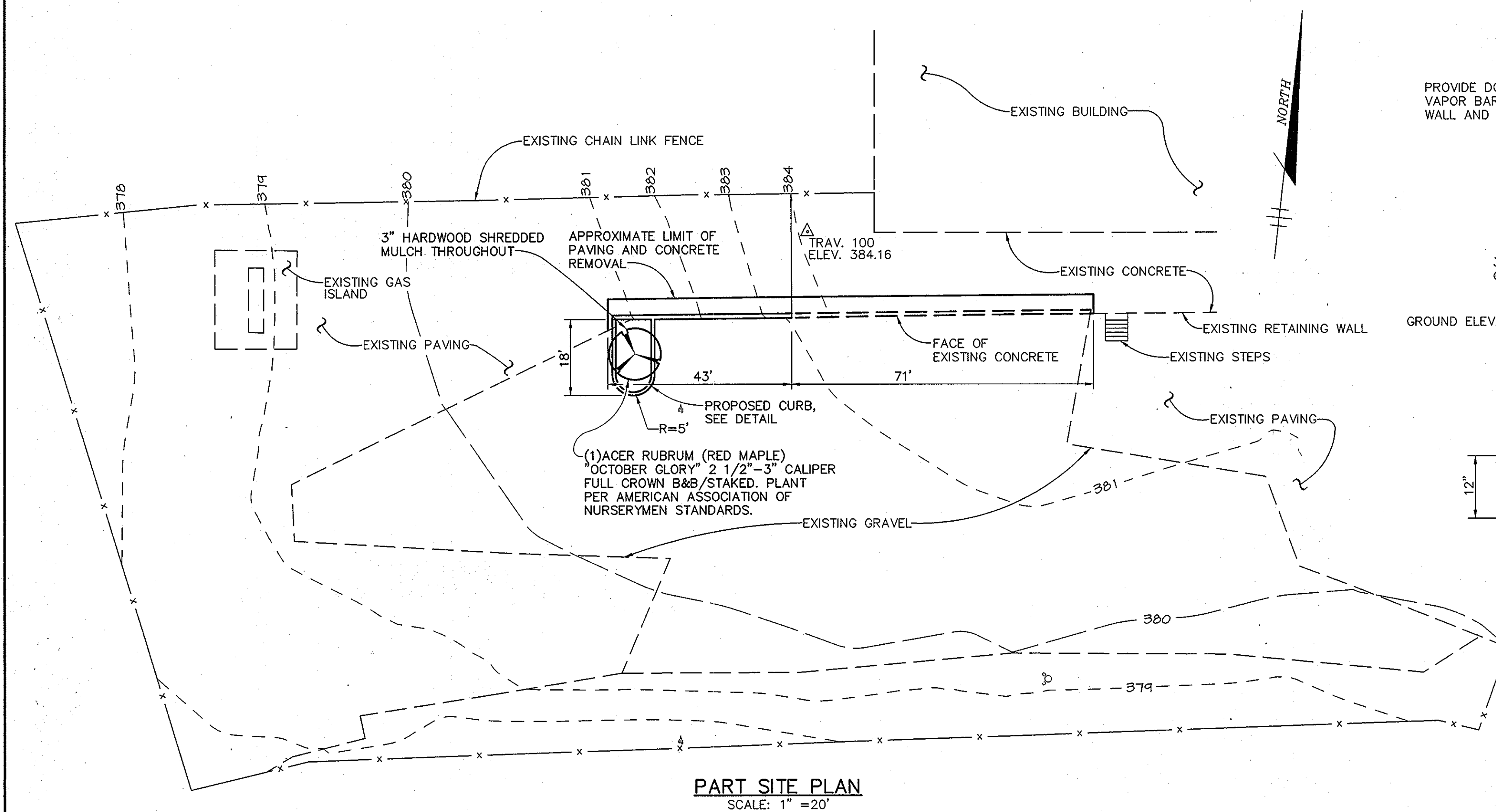
JOINTS:

1. JOINT LOCATIONS AS SHOWN ON DRAWING.
2. STOP KEY 9" BELOW TOP OF WALL.
3. REINFORCING STEEL SHALL NOT PASS THROUGH CONTRACTION OR EXPANSION JOINT.
4. CONTRACTION AND EXPANSION JOINTS TO BE IN STEM ONLY (NOT IN THE FOOTINGS).

CONCRETE: CONCRETE FOR RETAINING WALL TO BE MIX. NO. 3 (3500 PSI).

DRAINAGE:

INSTALL MIRADRAIN 6000 OR EQUAL FOR FULL WIDTH OF WALL AND FULL DEPTH UP TO WEEPHOLES. INSTALL M6000 DRAIN GRATE AT WEEPHOLES.



THIS ENTIRE SHEET TO BE ADDED AS PART OF THE REDLINE REVISION.

| | |
|---|---|
| APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING. | |
| <i>James S. Rutter</i> | 7/14/92 |
| DIRECTOR | DATE |
| <i>Robert Blood</i> | 7/14/92 |
| CHIEF, DEVELOPMENT ENGINEERING DIVISION | DATE |
| CHIEF, DIVISION OF LAND DEVELOPMENT | DATE |
| DATE NO. | REVISION |
| CONTRACT PURCHASER/DEVELOPER: | |
| HOWARD COUNTY PARKS DEPARTMENT 7120 OAKLAND HILL ROAD COLUMBIA, MD. 21046 | |
| PROJECT | |
| HOWARD COUNTY PARKS DEPARTMENT HEADQUARTERS RETAINING WALL | |
| AREA | TAX MAP 42 BLOCK 16 6th ELECTION DISTRICT HOWARD COUNTY, MD. |
| TITLE | |
| RETAINING WALL | |
| RIEMER MUEGGE & ASSOCIATES, INC. | |
| ENGINEERING • ENVIRONMENTAL SERVICES • PLANNING • SURVEYING | |
| 8818 Centre Park Drive, Columbia, Maryland 21045 | |
| tel 410.997.8900 fax 410.997.9282 | |
| 6/18/92 | DATE |
| DESIGNED BY: G.C.L. | |
| DRAWN BY: E.L.R. | |
| PROJECT NO: 98062 PLAN.DWG | |
| DATE: MAY 22, 1998 | |
| SCALE: AS SHOWN | |
| DRAWING NO. 2 of 2 | |

K:\PROJECT\98062\PLAN F1 Jun 12 14:22:26 1998 RIEMER MUEGGE & ASSOCIATES, INC.

SDP81-08