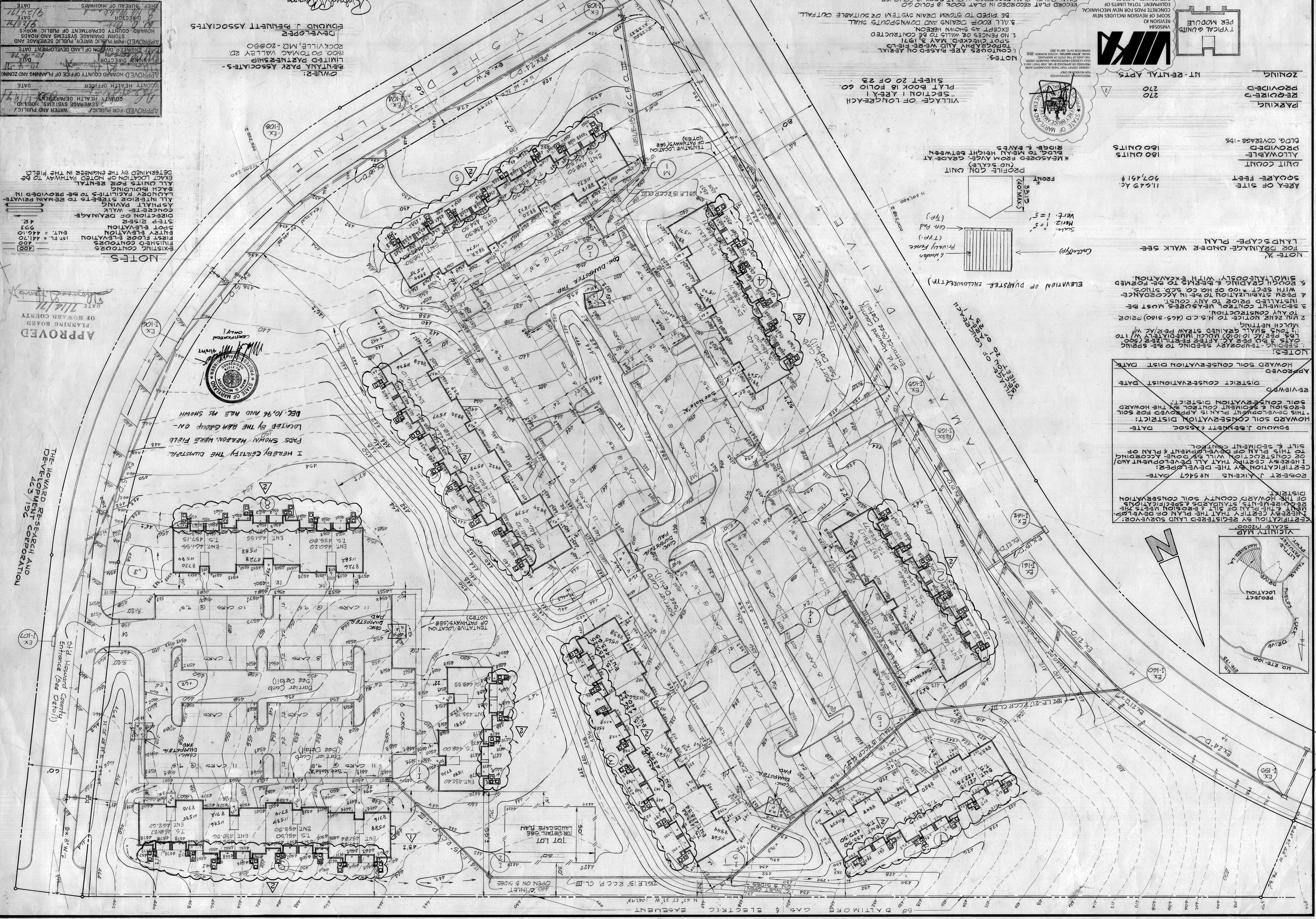


BENTANA EAST
 IN THE VILLAGE OF LONGREACH
 COLONY AND SITE DEVELOPMENT PLAN
 5TH ELECTION DISTRICT
 SCALE: 1"=50'
 Kousko 6-11-71
 TAX MAP NO. 88
 SECTION 1 AREA 1
 PARCEL C
 VILLAGE OF LONGREACH
 12/14/91
 ADD BATHROOM EXPANSION @ Bldg 9 per drawings 8-1



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER
 DATE
APPROVED FOR PLANNING AND ZONING
 HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 PLANNING DIRECTOR
 DATE
APPROVED FOR PUBLIC UTILITIES AND STORM DRAINAGE SYSTEMS AND ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC UTILITIES
 BUREAU OF HIGHWAYS
 DATE

NOTES
 EXISTING CONTOURS
 1ST FL. = 44.10
 2ND FL. = 44.20
 3RD FL. = 44.30
 4TH FL. = 44.40
 5TH FL. = 44.50
 6TH FL. = 44.60
 7TH FL. = 44.70
 8TH FL. = 44.80
 9TH FL. = 44.90
 10TH FL. = 45.00
 11TH FL. = 45.10
 12TH FL. = 45.20
 13TH FL. = 45.30
 14TH FL. = 45.40
 15TH FL. = 45.50
 16TH FL. = 45.60
 17TH FL. = 45.70
 18TH FL. = 45.80
 19TH FL. = 45.90
 20TH FL. = 46.00
 21ST FL. = 46.10
 22ND FL. = 46.20
 23RD FL. = 46.30
 24TH FL. = 46.40
 25TH FL. = 46.50
 26TH FL. = 46.60
 27TH FL. = 46.70
 28TH FL. = 46.80
 29TH FL. = 46.90
 30TH FL. = 47.00
 31ST FL. = 47.10
 32ND FL. = 47.20
 33RD FL. = 47.30
 34TH FL. = 47.40
 35TH FL. = 47.50
 36TH FL. = 47.60
 37TH FL. = 47.70
 38TH FL. = 47.80
 39TH FL. = 47.90
 40TH FL. = 48.00
 41ST FL. = 48.10
 42ND FL. = 48.20
 43RD FL. = 48.30
 44TH FL. = 48.40
 45TH FL. = 48.50
 46TH FL. = 48.60
 47TH FL. = 48.70
 48TH FL. = 48.80
 49TH FL. = 48.90
 50TH FL. = 49.00
 51ST FL. = 49.10
 52ND FL. = 49.20
 53RD FL. = 49.30
 54TH FL. = 49.40
 55TH FL. = 49.50
 56TH FL. = 49.60
 57TH FL. = 49.70
 58TH FL. = 49.80
 59TH FL. = 49.90
 60TH FL. = 50.00
 61ST FL. = 50.10
 62ND FL. = 50.20
 63RD FL. = 50.30
 64TH FL. = 50.40
 65TH FL. = 50.50
 66TH FL. = 50.60
 67TH FL. = 50.70
 68TH FL. = 50.80
 69TH FL. = 50.90
 70TH FL. = 51.00
 71ST FL. = 51.10
 72ND FL. = 51.20
 73RD FL. = 51.30
 74TH FL. = 51.40
 75TH FL. = 51.50
 76TH FL. = 51.60
 77TH FL. = 51.70
 78TH FL. = 51.80
 79TH FL. = 51.90
 80TH FL. = 52.00
 81ST FL. = 52.10
 82ND FL. = 52.20
 83RD FL. = 52.30
 84TH FL. = 52.40
 85TH FL. = 52.50
 86TH FL. = 52.60
 87TH FL. = 52.70
 88TH FL. = 52.80
 89TH FL. = 52.90
 90TH FL. = 53.00
 91ST FL. = 53.10
 92ND FL. = 53.20
 93RD FL. = 53.30
 94TH FL. = 53.40
 95TH FL. = 53.50
 96TH FL. = 53.60
 97TH FL. = 53.70
 98TH FL. = 53.80
 99TH FL. = 53.90
 100TH FL. = 54.00
 101ST FL. = 54.10
 102ND FL. = 54.20
 103RD FL. = 54.30
 104TH FL. = 54.40
 105TH FL. = 54.50
 106TH FL. = 54.60
 107TH FL. = 54.70
 108TH FL. = 54.80
 109TH FL. = 54.90
 110TH FL. = 55.00
 111ST FL. = 55.10
 112ND FL. = 55.20
 113RD FL. = 55.30
 114TH FL. = 55.40
 115TH FL. = 55.50
 116TH FL. = 55.60
 117TH FL. = 55.70
 118TH FL. = 55.80
 119TH FL. = 55.90
 120TH FL. = 56.00
 121ST FL. = 56.10
 122ND FL. = 56.20
 123RD FL. = 56.30
 124TH FL. = 56.40
 125TH FL. = 56.50
 126TH FL. = 56.60
 127TH FL. = 56.70
 128TH FL. = 56.80
 129TH FL. = 56.90
 130TH FL. = 57.00
 131ST FL. = 57.10
 132ND FL. = 57.20
 133RD FL. = 57.30
 134TH FL. = 57.40
 135TH FL. = 57.50
 136TH FL. = 57.60
 137TH FL. = 57.70
 138TH FL. = 57.80
 139TH FL. = 57.90
 140TH FL. = 58.00
 141ST FL. = 58.10
 142ND FL. = 58.20
 143RD FL. = 58.30
 144TH FL. = 58.40
 145TH FL. = 58.50
 146TH FL. = 58.60
 147TH FL. = 58.70
 148TH FL. = 58.80
 149TH FL. = 58.90
 150TH FL. = 59.00
 151ST FL. = 59.10
 152ND FL. = 59.20
 153RD FL. = 59.30
 154TH FL. = 59.40
 155TH FL. = 59.50
 156TH FL. = 59.60
 157TH FL. = 59.70
 158TH FL. = 59.80
 159TH FL. = 59.90
 160TH FL. = 60.00
 161ST FL. = 60.10
 162ND FL. = 60.20
 163RD FL. = 60.30
 164TH FL. = 60.40
 165TH FL. = 60.50
 166TH FL. = 60.60
 167TH FL. = 60.70
 168TH FL. = 60.80
 169TH FL. = 60.90
 170TH FL. = 61.00
 171ST FL. = 61.10
 172ND FL. = 61.20
 173RD FL. = 61.30
 174TH FL. = 61.40
 175TH FL. = 61.50
 176TH FL. = 61.60
 177TH FL. = 61.70
 178TH FL. = 61.80
 179TH FL. = 61.90
 180TH FL. = 62.00
 181ST FL. = 62.10
 182ND FL. = 62.20
 183RD FL. = 62.30
 184TH FL. = 62.40
 185TH FL. = 62.50
 186TH FL. = 62.60
 187TH FL. = 62.70
 188TH FL. = 62.80
 189TH FL. = 62.90
 190TH FL. = 63.00
 191ST FL. = 63.10
 192ND FL. = 63.20
 193RD FL. = 63.30
 194TH FL. = 63.40
 195TH FL. = 63.50
 196TH FL. = 63.60
 197TH FL. = 63.70
 198TH FL. = 63.80
 199TH FL. = 63.90
 200TH FL. = 64.00
 201ST FL. = 64.10
 202ND FL. = 64.20
 203RD FL. = 64.30
 204TH FL. = 64.40
 205TH FL. = 64.50
 206TH FL. = 64.60
 207TH FL. = 64.70
 208TH FL. = 64.80
 209TH FL. = 64.90
 210TH FL. = 65.00
 211ST FL. = 65.10
 212ND FL. = 65.20
 213RD FL. = 65.30
 214TH FL. = 65.40
 215TH FL. = 65.50
 216TH FL. = 65.60
 217TH FL. = 65.70
 218TH FL. = 65.80
 219TH FL. = 65.90
 220TH FL. = 66.00
 221ST FL. = 66.10
 222ND FL. = 66.20
 223RD FL. = 66.30
 224TH FL. = 66.40
 225TH FL. = 66.50
 226TH FL. = 66.60
 227TH FL. = 66.70
 228TH FL. = 66.80
 229TH FL. = 66.90
 230TH FL. = 67.00
 231ST FL. = 67.10
 232ND FL. = 67.20
 233RD FL. = 67.30
 234TH FL. = 67.40
 235TH FL. = 67.50
 236TH FL. = 67.60
 237TH FL. = 67.70
 238TH FL. = 67.80
 239TH FL. = 67.90
 240TH FL. = 68.00
 241ST FL. = 68.10
 242ND FL. = 68.20
 243RD FL. = 68.30
 244TH FL. = 68.40
 245TH FL. = 68.50
 246TH FL. = 68.60
 247TH FL. = 68.70
 248TH FL. = 68.80
 249TH FL. = 68.90
 250TH FL. = 69.00
 251ST FL. = 69.10
 252ND FL. = 69.20
 253RD FL. = 69.30
 254TH FL. = 69.40
 255TH FL. = 69.50
 256TH FL. = 69.60
 257TH FL. = 69.70
 258TH FL. = 69.80
 259TH FL. = 69.90
 260TH FL. = 70.00
 261ST FL. = 70.10
 262ND FL. = 70.20
 263RD FL. = 70.30
 264TH FL. = 70.40
 265TH FL. = 70.50
 266TH FL. = 70.60
 267TH FL. = 70.70
 268TH FL. = 70.80
 269TH FL. = 70.90
 270TH FL. = 71.00
 271ST FL. = 71.10
 272ND FL. = 71.20
 273RD FL. = 71.30
 274TH FL. = 71.40
 275TH FL. = 71.50
 276TH FL. = 71.60
 277TH FL. = 71.70
 278TH FL. = 71.80
 279TH FL. = 71.90
 280TH FL. = 72.00
 281ST FL. = 72.10
 282ND FL. = 72.20
 283RD FL. = 72.30
 284TH FL. = 72.40
 285TH FL. = 72.50
 286TH FL. = 72.60
 287TH FL. = 72.70
 288TH FL. = 72.80
 289TH FL. = 72.90
 290TH FL. = 73.00
 291ST FL. = 73.10
 292ND FL. = 73.20
 293RD FL. = 73.30
 294TH FL. = 73.40
 295TH FL. = 73.50
 296TH FL. = 73.60
 297TH FL. = 73.70
 298TH FL. = 73.80
 299TH FL. = 73.90
 300TH FL. = 74.00
 301ST FL. = 74.10
 302ND FL. = 74.20
 303RD FL. = 74.30
 304TH FL. = 74.40
 305TH FL. = 74.50
 306TH FL. = 74.60
 307TH FL. = 74.70
 308TH FL. = 74.80
 309TH FL. = 74.90
 310TH FL. = 75.00
 311ST FL. = 75.10
 312ND FL. = 75.20
 313RD FL. = 75.30
 314TH FL. = 75.40
 315TH FL. = 75.50
 316TH FL. = 75.60
 317TH FL. = 75.70
 318TH FL. = 75.80
 319TH FL. = 75.90
 320TH FL. = 76.00
 321ST FL. = 76.10
 322ND FL. = 76.20
 323RD FL. = 76.30
 324TH FL. = 76.40
 325TH FL. = 76.50
 326TH FL. = 76.60
 327TH FL. = 76.70
 328TH FL. = 76.80
 329TH FL. = 76.90
 330TH FL. = 77.00
 331ST FL. = 77.10
 332ND FL. = 77.20
 333RD FL. = 77.30
 334TH FL. = 77.40
 335TH FL. = 77.50
 336TH FL. = 77.60
 337TH FL. = 77.70
 338TH FL. = 77.80
 339TH FL. = 77.90
 340TH FL. = 78.00
 341ST FL. = 78.10
 342ND FL. = 78.20
 343RD FL. = 78.30
 344TH FL. = 78.40
 345TH FL. = 78.50
 346TH FL. = 78.60
 347TH FL. = 78.70
 348TH FL. = 78.80
 349TH FL. = 78.90
 350TH FL. = 79.00
 351ST FL. = 79.10
 352ND FL. = 79.20
 353RD FL. = 79.30
 354TH FL. = 79.40
 355TH FL. = 79.50
 356TH FL. = 79.60
 357TH FL. = 79.70
 358TH FL. = 79.80
 359TH FL. = 79.90
 360TH FL. = 80.00
 361ST FL. = 80.10
 362ND FL. = 80.20
 363RD FL. = 80.30
 364TH FL. = 80.40
 365TH FL. = 80.50
 366TH FL. = 80.60
 367TH FL. = 80.70
 368TH FL. = 80.80
 369TH FL. = 80.90
 370TH FL. = 81.00
 371ST FL. = 81.10
 372ND FL. = 81.20
 373RD FL. = 81.30
 374TH FL. = 81.40
 375TH FL. = 81.50
 376TH FL. = 81.60
 377TH FL. = 81.70
 378TH FL. = 81.80
 379TH FL. = 81.90
 380TH FL. = 82.00
 381ST FL. = 82.10
 382ND FL. = 82.20
 383RD FL. = 82.30
 384TH FL. = 82.40
 385TH FL. = 82.50
 386TH FL. = 82.60
 387TH FL. = 82.70
 388TH FL. = 82.80
 389TH FL. = 82.90
 390TH FL. = 83.00
 391ST FL. = 83.10
 392ND FL. = 83.20
 393RD FL. = 83.30
 394TH FL. = 83.40
 395TH FL. = 83.50
 396TH FL. = 83.60
 397TH FL. = 83.70
 398TH FL. = 83.80
 399TH FL. = 83.90
 400TH FL. = 84.00
 401ST FL. = 84.10
 402ND FL. = 84.20
 403RD FL. = 84.30
 404TH FL. = 84.40
 405TH FL. = 84.50
 406TH FL. = 84.60
 407TH FL. = 84.70
 408TH FL. = 84.80
 409TH FL. = 84.90
 410TH FL. = 85.00
 411ST FL. = 85.10
 412ND FL. = 85.20
 413RD FL. = 85.30
 414TH FL. = 85.40
 415TH FL. = 85.50
 416TH FL. = 85.60
 417TH FL. = 85.70
 418TH FL. = 85.80
 419TH FL. = 85.90
 420TH FL. = 86.00
 421ST FL. = 86.10
 422ND FL. = 86.20
 423RD FL. = 86.30
 424TH FL. = 86.40
 425TH FL. = 86.50
 426TH FL. = 86.60
 427TH FL. = 86.70
 428TH FL. = 86.80
 429TH FL. = 86.90
 430TH FL. = 87.00
 431ST FL. = 87.10
 432ND FL. = 87.20
 433RD FL. = 87.30
 434TH FL. = 87.40
 435TH FL. = 87.50
 436TH FL. = 87.60
 437TH FL. = 87.70
 438TH FL. = 87.80
 439TH FL. = 87.90
 440TH FL. = 88.00
 441ST FL. = 88.10
 442ND FL. = 88.20
 443RD FL. = 88.30
 444TH FL. = 88.40
 445TH FL. = 88.50
 446TH FL. = 88.60
 447TH FL. = 88.70
 448TH FL. = 88.80
 449TH FL. = 88.90
 450TH FL. = 89.00
 451ST FL. = 89.10
 452ND FL. = 89.20
 453RD FL. = 89.30
 454TH FL. = 89.40
 455TH FL. = 89.50
 456TH FL. = 89.60
 457TH FL. = 89.70
 458TH FL. = 89.80
 459TH FL. = 89.90
 460TH FL. = 90.00
 461ST FL. = 90.10
 462ND FL. = 90.20
 463RD FL. = 90.30
 464TH FL. = 90.40
 465TH FL. = 90.50
 466TH FL. = 90.60
 467TH FL. = 90.70
 468TH FL. = 90.80
 469TH FL. = 90.90
 470TH FL. = 91.00
 471ST FL. = 91.10
 472ND FL. = 91.20
 473RD FL. = 91.30
 474TH FL. = 91.40
 475TH FL. = 91.50
 476TH FL. = 91.60
 477TH FL. = 91.70
 478TH FL. = 91.80
 479TH FL. = 91.90
 480TH FL. = 92.00
 481ST FL. = 92.10
 482ND FL. = 92.20
 483RD FL. = 92.30
 484TH FL. = 92.40
 485TH FL. = 92.50
 486TH FL. = 92.60
 487TH FL. = 92.70
 488TH FL. = 92.80
 489TH FL. = 92.90
 490TH FL. = 93.00
 491ST FL. = 93.10
 492ND FL. = 93.20
 493RD FL. = 93.30
 494TH FL. = 93.40
 495TH FL. = 93.50
 496TH FL. = 93.60
 497TH FL. = 93.70
 498TH FL. = 93.80
 499TH FL. = 93.90
 500TH FL. = 94.00
 501ST FL. = 94.10
 502ND FL. = 94.20
 503RD FL. = 94.30
 504TH FL. = 94.40
 505TH FL. = 94.50
 506TH FL. = 94.60
 507TH FL. = 94.70
 508TH FL. = 94.80
 509TH FL. = 94.90
 510TH FL. = 95.00
 511ST FL. = 95.10
 512ND FL. = 95.20
 513RD FL. = 95.30
 514TH FL. = 95.40
 515TH FL. = 95.50
 516TH FL. = 95.60
 517TH FL. = 95.70
 518TH FL. = 95.80
 519TH FL. = 95.90
 520TH FL. = 96.00
 521ST FL. = 96.10
 522ND FL. = 96.20
 523RD FL. = 96.30
 524TH FL. = 96.40
 525TH FL. = 96.50
 526TH FL. = 96.60
 527TH FL. = 96.70
 528TH FL. = 96.80
 529TH FL. = 96.90
 530TH FL. = 97.00
 531ST FL. = 97.10
 532ND FL. = 97.20
 533RD FL. = 97.30
 534TH FL. = 97.40
 535TH FL. = 97.50
 536TH FL. = 97.60
 537TH FL. = 97.70
 538TH FL. = 97.80
 539TH FL. = 97.90
 540TH FL. = 98.00
 541ST FL. = 98.10
 542ND FL. = 98.20
 543RD FL. = 98.30
 544TH FL. = 98.40
 545TH FL. = 98.50
 546TH FL. = 98.60
 547TH FL. = 98.70
 548TH FL. = 98.80
 549TH FL. = 98.90
 550TH FL. = 99.00
 551ST FL. = 99.10
 552ND FL. = 99.20
 553RD FL. = 99.30
 554TH FL. = 99.40
 555TH FL. = 99.50
 556TH FL. = 99.60
 557TH FL. = 99.70
 558TH FL. = 99.80
 559TH FL. = 99.90
 560TH FL. = 100.00

APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE

I HEREBY CERTIFY THE DUMPSTER
 PADS SHOWN HEREON WERE FIELD
 LOCATED BY THE BEM GROUP ON-
 DEC. 10, 96 AND ARE AS SHOWN

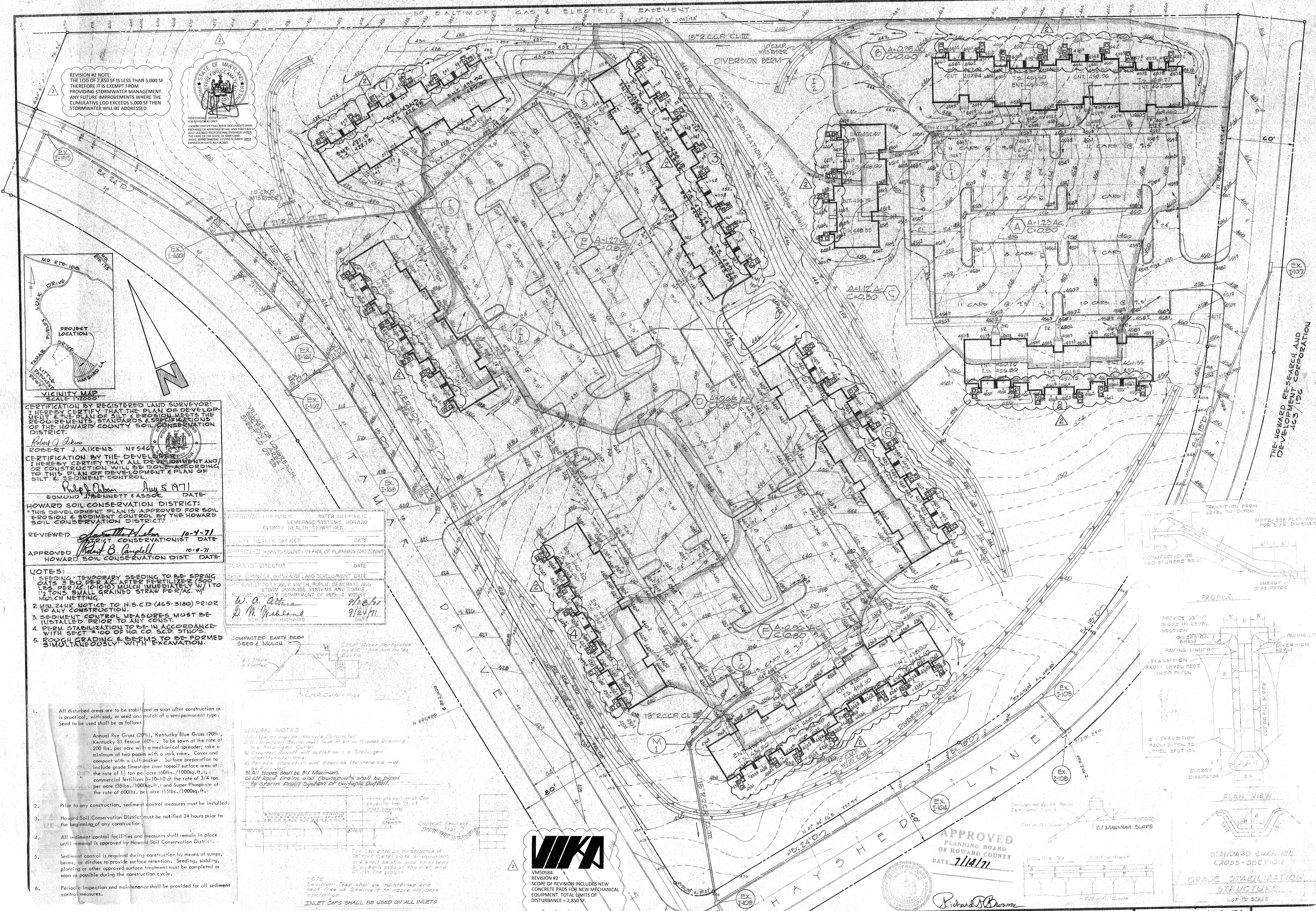
THE HOWARD RE-SEAL AND
 DEVELOPMENT CORPORATION
 DATE

SLD Howard County
 Entrance (See Detail)
 DATE

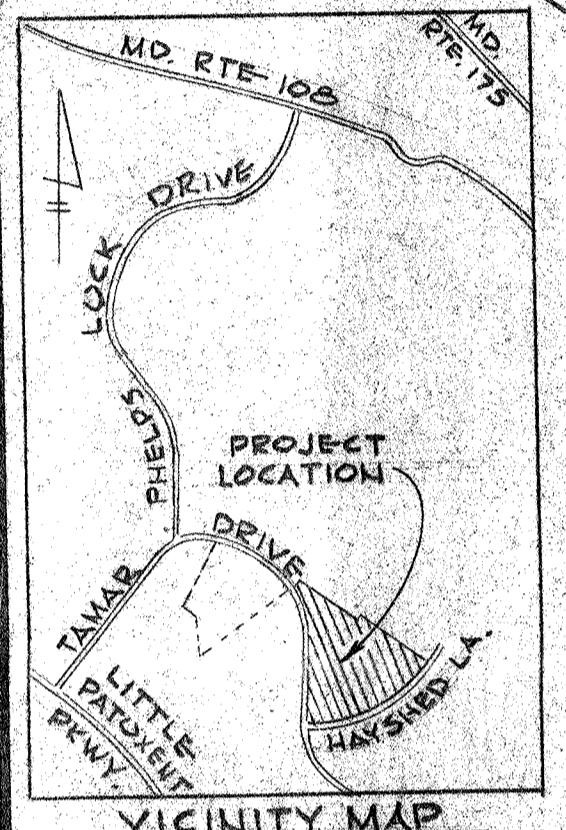
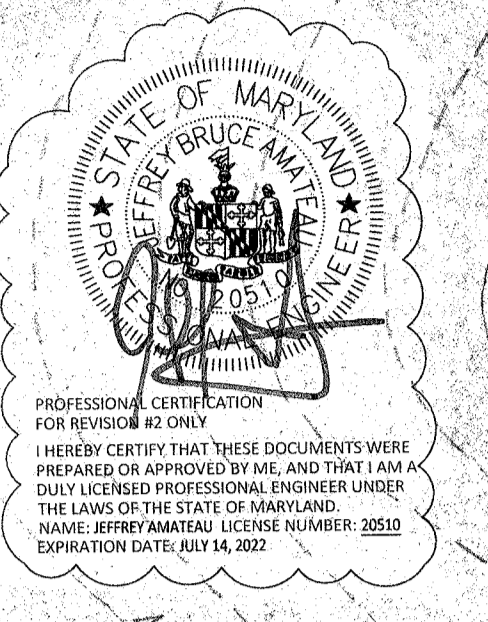
NOTES:
 1. TEMPORARY SEEDING TO BE SPRING
 DATE 3 BLD PER AC AFTER FERTILIZER 500
 LBS PER AC SHALL BE APPLIED W/ 10
 2. MIN. 24HR. NOTICE TO H.S.C.D. PRIOR
 3. SEWAGE CONTROL MEASURES MUST BE
 4. INSTALLATION OF SEWAGE CONTROL
 5. WITH SECT. 100 OF H.C. CODE
 6. SIMULTANEOUSLY WITH EXCAVATION
 ELEVATION OF DUMPSTER ENCLOSURE(TYP.)
 VILLAGE OF LONGREACH
 PROFILE C/DN UNIT
 MEASURED FROM AVE. GRADE AT
 RIDGE & EAVES
 AREA OF SITE
 11.42 AC
 207,431 sq
 ALLOWABLE
 180 UNITS
 PROVIDED
 180 UNITS
 BLDG. COVERAGE - 15%
 PROVIDED
 270
 ZONING
 NT-RENTAL APTS.
 TYPICAL UNIT
 PER MODULE
 DISTURBANCE = 2,850 SF
 EQUIPMENT TOTAL LIMITS OF
 CONCRETE PAVES FOR MECHANICAL
 SCOPE OF REGION INCLUDES NEW
 REVISION #2
 REVISION #1
 REVISION #3
 REVISION #4
 REVISION #5
 REVISION #6
 REVISION #7
 REVISION #8
 REVISION #9
 REVISION #10
 REVISION #11
 REVISION #12
 REVISION #13
 REVISION #14
 REVISION #15
 REVISION #16
 REVISION #17
 REVISION #18
 REVISION #19
 REVISION #20
 REVISION #21
 REVISION #22
 REVISION #23
 REVISION #24
 REVISION #25
 REVISION #26
 REVISION #27
 REVISION #28
 REVISION #29
 REVISION #30
 REVISION #31
 REVISION #32
 REVISION #33
 REVISION #34
 REVISION #35
 REVISION #36
 REVISION #37
 REVISION #38
 REVISION #39
 REVISION #40
 REVISION #41
 REVISION #42
 REVISION #43
 REVISION #44
 REVISION #45
 REVISION #46
 REVISION #47
 REVISION #48
 REVISION #49
 REVISION #50
 REVISION #51
 REVISION #52
 REVISION #53
 REVISION #54
 REVISION #55
 REVISION #56
 REVISION #57
 REVISION #58
 REVISION #59
 REVISION #60
 REVISION #61
 REVISION #62
 REVISION #63
 REVISION #64
 REVISION #65
 REVISION #66
 REVISION #67
 REVISION #68
 REVISION #69
 REVISION #70
 REVISION #71
 REVISION #72
 REVISION #73
 REVISION #74
 REVISION #75
 REVISION #76
 REVISION #77
 REVISION #78
 REVISION #79
 REVISION #80
 REVISION #81
 REVISION #82
 REVISION #83
 REVISION #84
 REVISION #85
 REVISION #86
 REVISION #87
 REVISION #88
 REVISION #89
 REVISION #90
 REVISION #91
 REVISION #92
 REVISION #93
 REVISION #94
 REVISION #95
 REVISION #96
 REVISION #97
 REVISION #98
 REVISION #99
 REVISION #100

APPROVED FOR PUBLIC UTILITIES AND STORM DRAINAGE SYSTEMS AND ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC UTILITIES
 BUREAU OF HIGHWAYS
 DATE

APPROVED FOR PLANNING AND ZONING
 HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 PLANNING DIRECTOR
 DATE



REVISION #2 NOTE:
THE LOD OF 2,850 SF IS LESS THAN 5,000 SF THEREFORE IT IS EXEMPT FROM PROVIDING STORMWATER MANAGEMENT. ANY FUTURE IMPROVEMENTS WHERE THE CUMULATIVE LOD EXCEEDS 5,000 SF THEN STORMWATER WILL BE ADDRESSED.



CERTIFICATION BY REGISTERED LAND SURVEYOR:
I HEREBY CERTIFY THAT THE PLAN OF DEVELOPMENT & THE PLAN OF SILT & EROSION MEETS THE REQUIREMENTS & STANDARDS & SPECIFICATIONS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

CERTIFICATION BY THE DEVELOPER:
I HEREBY CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT & PLAN OF SILT & SEDIMENT CONTROL.

Robert J. Aikens No. 5427 DATE 10-12-71
Edmond J. Bennett & Assoc. DATE 10-9-71

HOWARD SOIL CONSERVATION DISTRICT:
"THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION & SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT."

Reviewed: *John H. Wilson* 10-9-71
APPROVED: *Robert B. Campbell* 10-9-71
HOWARD SOIL CONSERVATION DIST.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.

COUNTY HEALTH OFFICER DATE
APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING

PERMITS DIRECTOR DATE
EMPLOYER DIVISION OF LAND DEVELOPMENT DATE

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE, AND STORM DRAINAGE SYSTEMS AND ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

W. A. Adams 9/28/71
D. M. Waldman 9/24/71

- NOTES:**
- SEEDING - TEMPORARY SEEDING TO BE SPRING DATE & 200 LBS PER ACRE AFTER FERTILIZER (500 LBS PER ACRE TO 1000) MULCH IMMEDIATELY W/ 10 TO 12 TONS SUIKAL GRAINED STEAR PER ACRE W/ MULCH NETTING.
 - MIN. 24 HR. NOTICE TO H.S.C.D. (465-3180) PRIOR TO ANY CONSTRUCTION.
 - SEDIMENT CONTROL MEASURES MUST BE INSTALLED PRIOR TO ANY CONST.
 - PERM. STABILIZATION TO BE IN ACCORDANCE WITH SECT. 100 OF HQ. CO. SUP. STDS.
 - ROUGH GRADING & BERMS TO BE FORMED SIMULTANEOUSLY WITH EXCAVATION.

- All disturbed areas are to be stabilized as soon after construction as is practical, with sod, or seed and mulch of a permanent type. Seed to be used shall be as follows:
Annual Rye Grass (20%), Kentucky Blue Grass (20%), Kentucky 31 Fescue (60%). To be sown at the rate of 200 lbs. per acre with a mechanical spreader; rake a minimum of two passes with a yard rake. Cover and compact with a cultipacker. Surface preparation to include grade limestone over topsoil surface area at the rate of 1/2 ton per acre (60lbs./1000sq. ft.), commercial fertilizer 5-10-10 at the rate of 3/4 ton per acre (35lbs./1000sq. ft.) and Super Phosphate at the rate of 600lbs. per acre (15lbs./1000sq. ft.).
- Prior to any construction, sediment control measures must be installed.
- Howard Soil Conservation District must be notified 24 hours prior to the beginning of any construction.
- All sediment control facilities and measures shall remain in place until removal is approved by Howard Soil Conservation District.
- Sediment control is required during construction by means of sumps, basins, or ditches to provide surface retention. Seeding, sodding, planting or other approved surface treatment must be completed as soon as possible during the construction cycle.
- Periodic inspection and maintenance shall be provided for all sediment control measures.

GENERAL NOTES

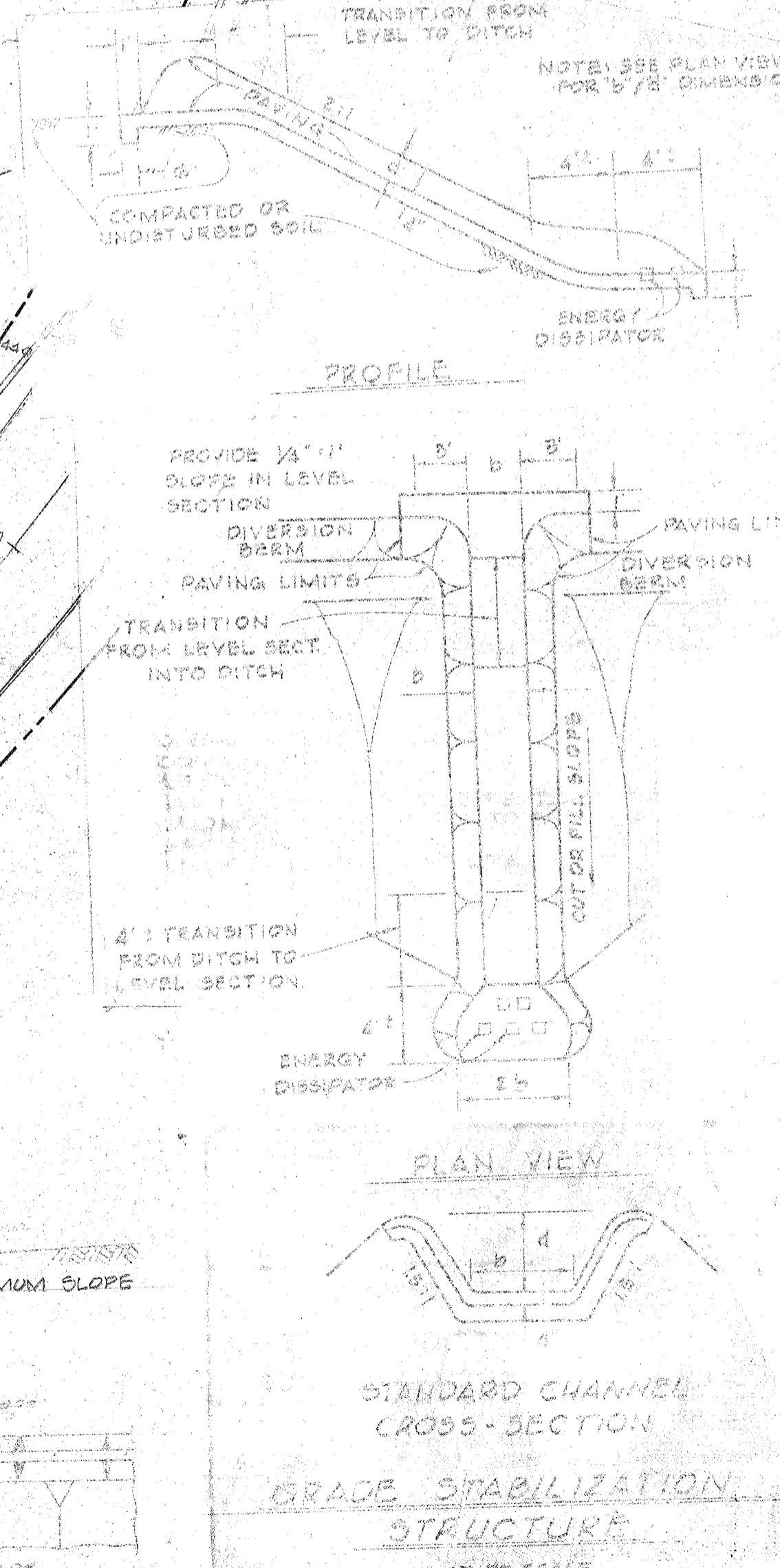
- All Berms must be Reconcile Contoured
- All Diversion Berms must have Positive Grades Draining to Stabilized Grassy
- Diverted Runoff will outlet onto a Stabilized Undisturbed Area.
- Concrete Structures and Resources Maintenance will be provided.
- All Slopes shall be 3:1 Maximum.
- All-Road Drains and Downspouts shall be piped to Storm Drain System or suitable Outfall.

NOTE: Sediment Trap shall be maintained and kept free of Sediment to insure efficient operation.

INLET CAPS SHALL BE USED ON ALL INLETS

VIA

NO. 50584
REVISION #2
SCOPE OF REVISION INCLUDES NEW CONCRETE PADS FOR NEW MECHANICAL EQUIPMENT. TOTAL UNITS OF DISTURBANCE = 2,850 SF.



"VILLAGE OF LONGREACH" SECTION I, AREA PARCEL "C"

IN THE VILLAGE OF LONGREACH, COLUMBIA, MD.
DRAINAGE AREA & SEDIMENT CONTROL PLAN
6TH ELECTION DISTRICT
SCALE: 1"=20'

APPROVED PLANNING BOARD OF HOWARD COUNTY DATE 7/14/71

Richard P. Browne

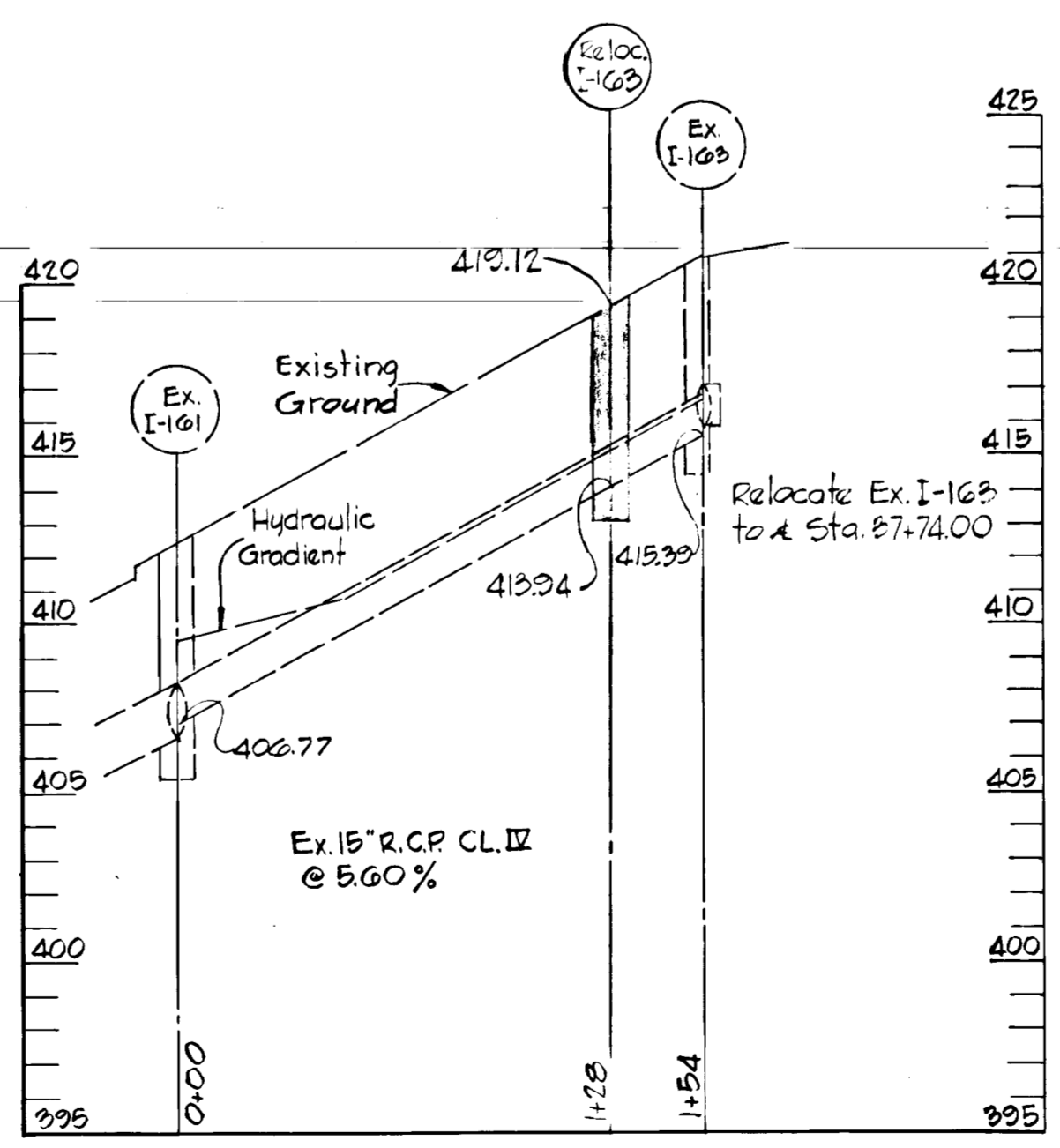
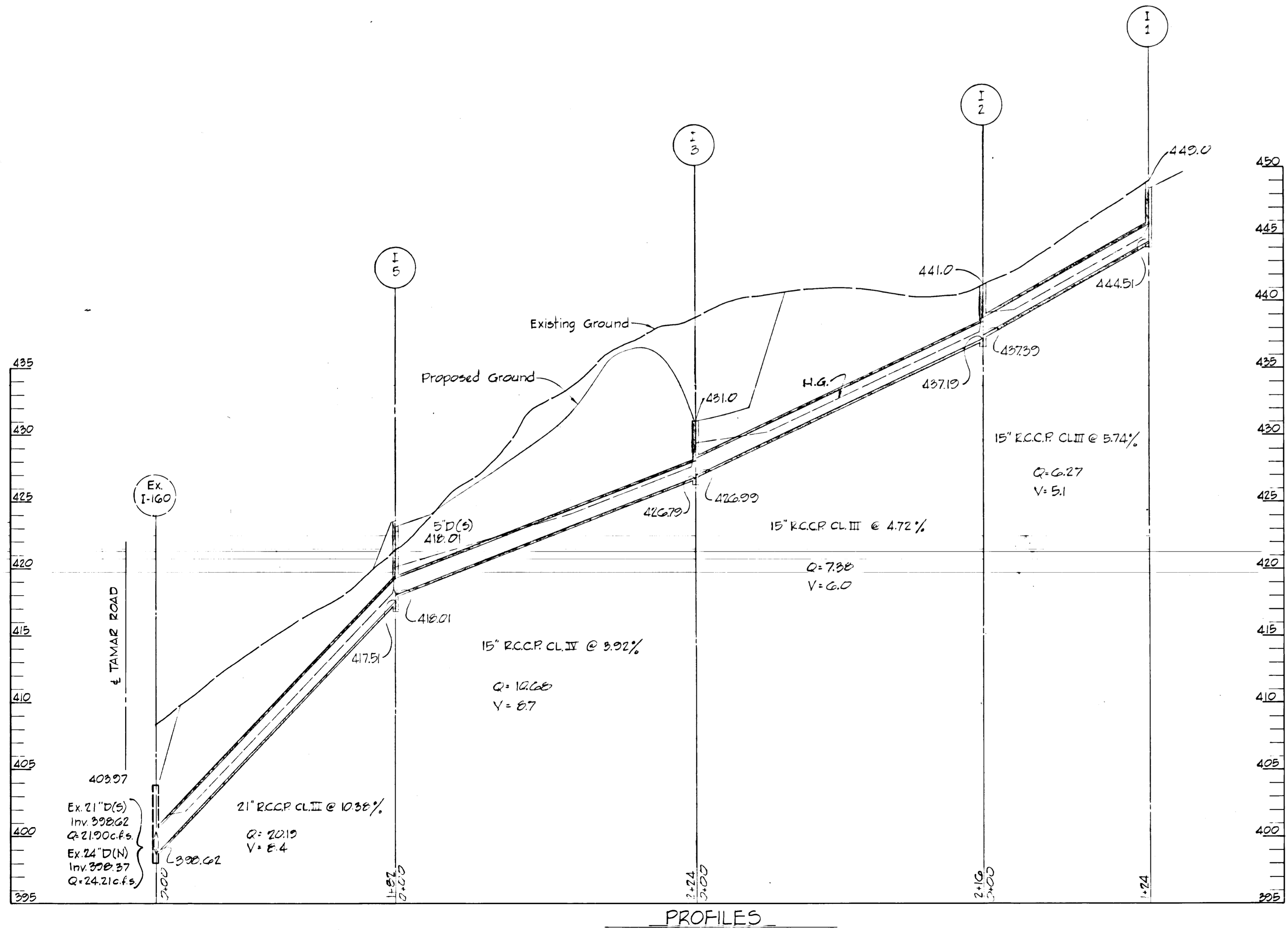
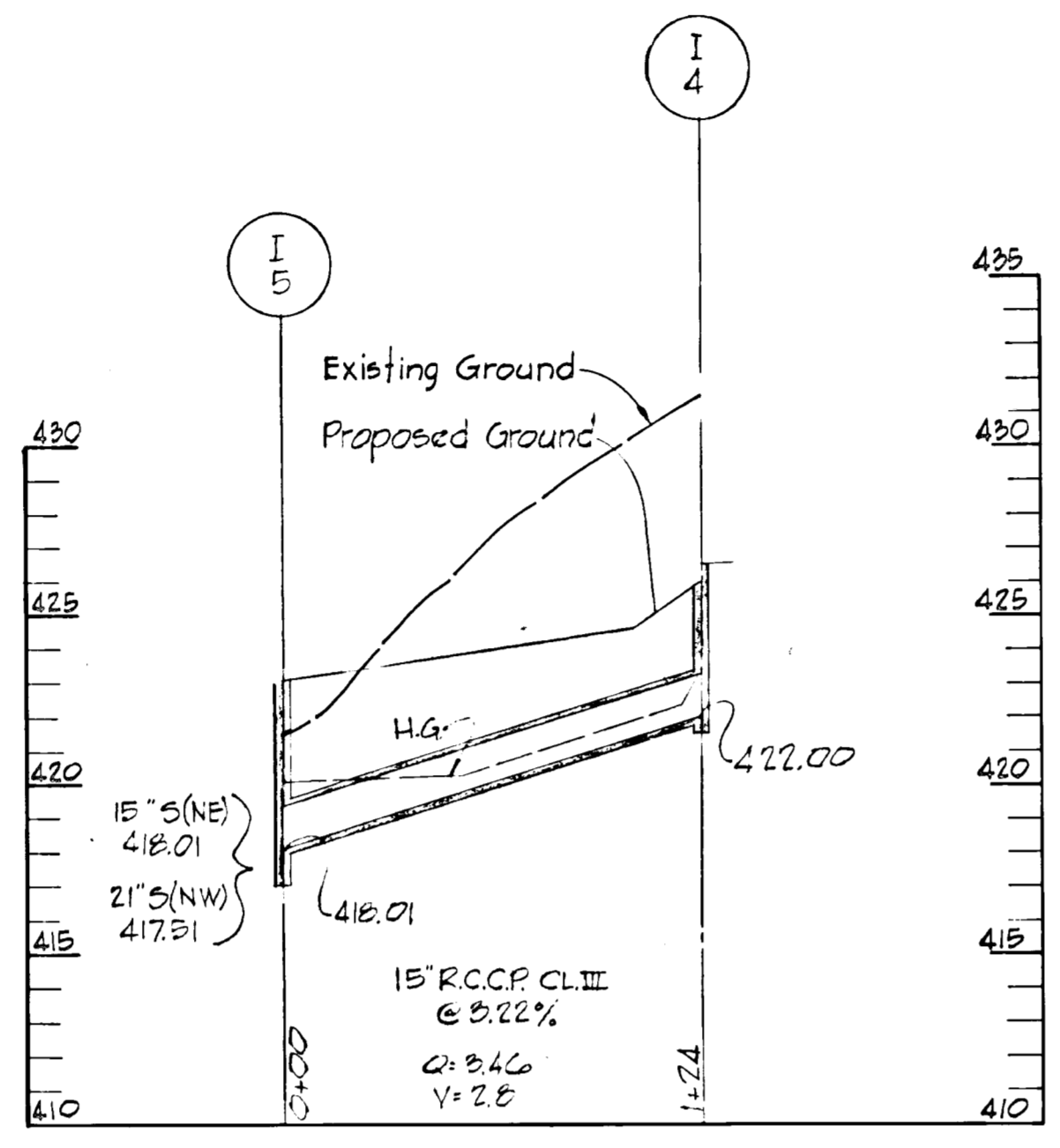
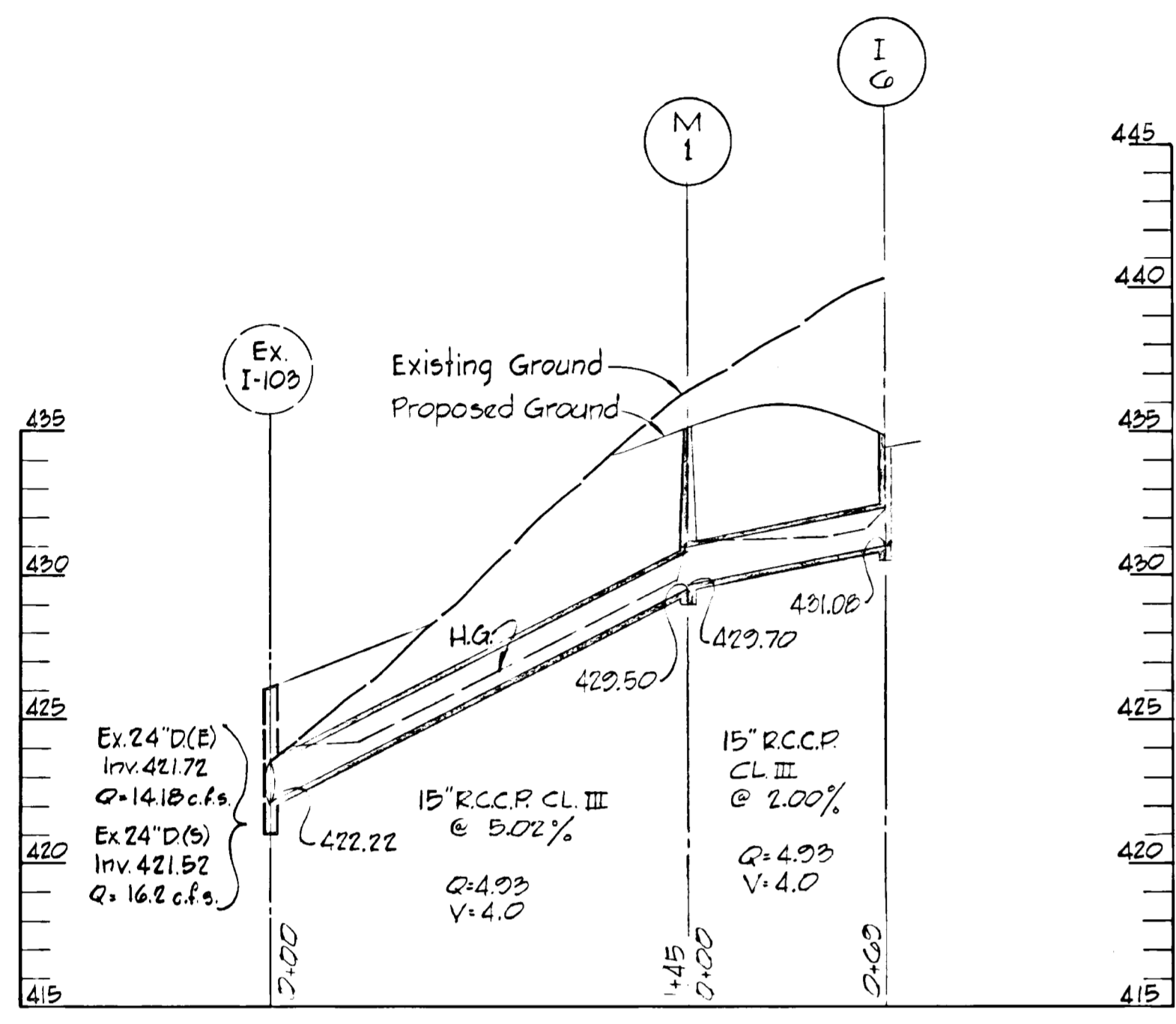
RICHARD P. BROWNE ASSOCIATES
Columbia, Maryland
J.S. 2334

ENGINEERS PLANNERS ARCHITECTS
Wayne, New Jersey

JOB NO. 283-70
DATE 6-14-71

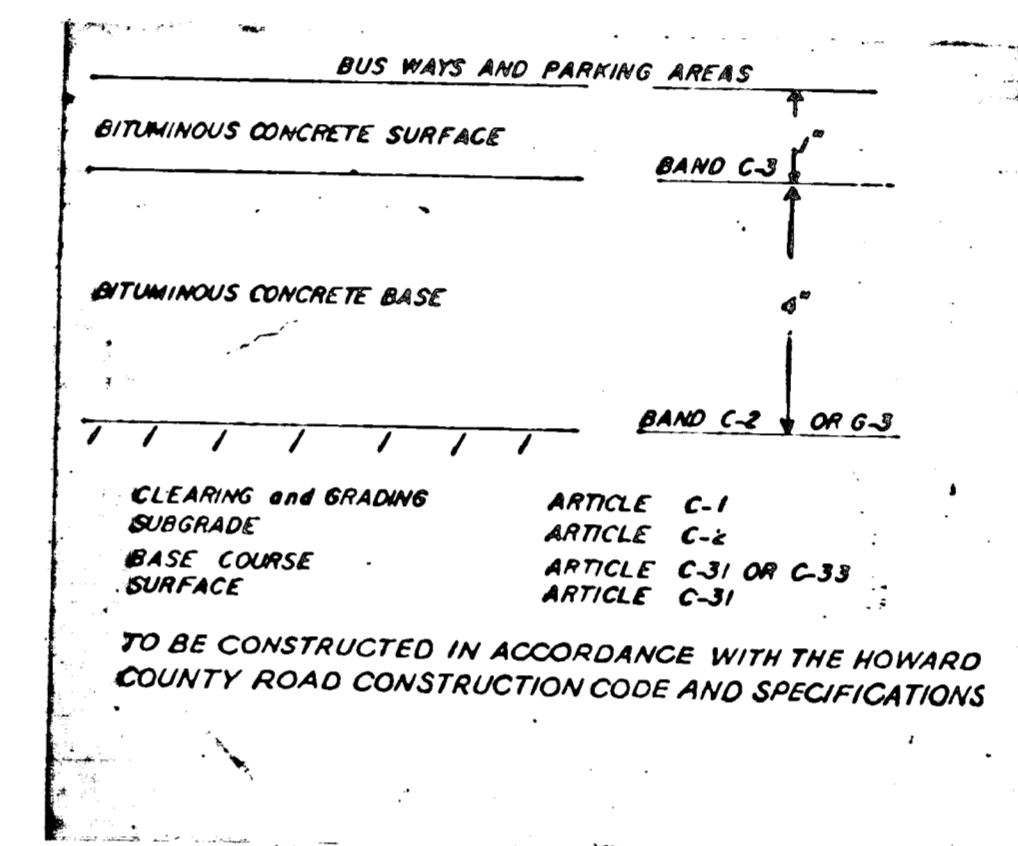
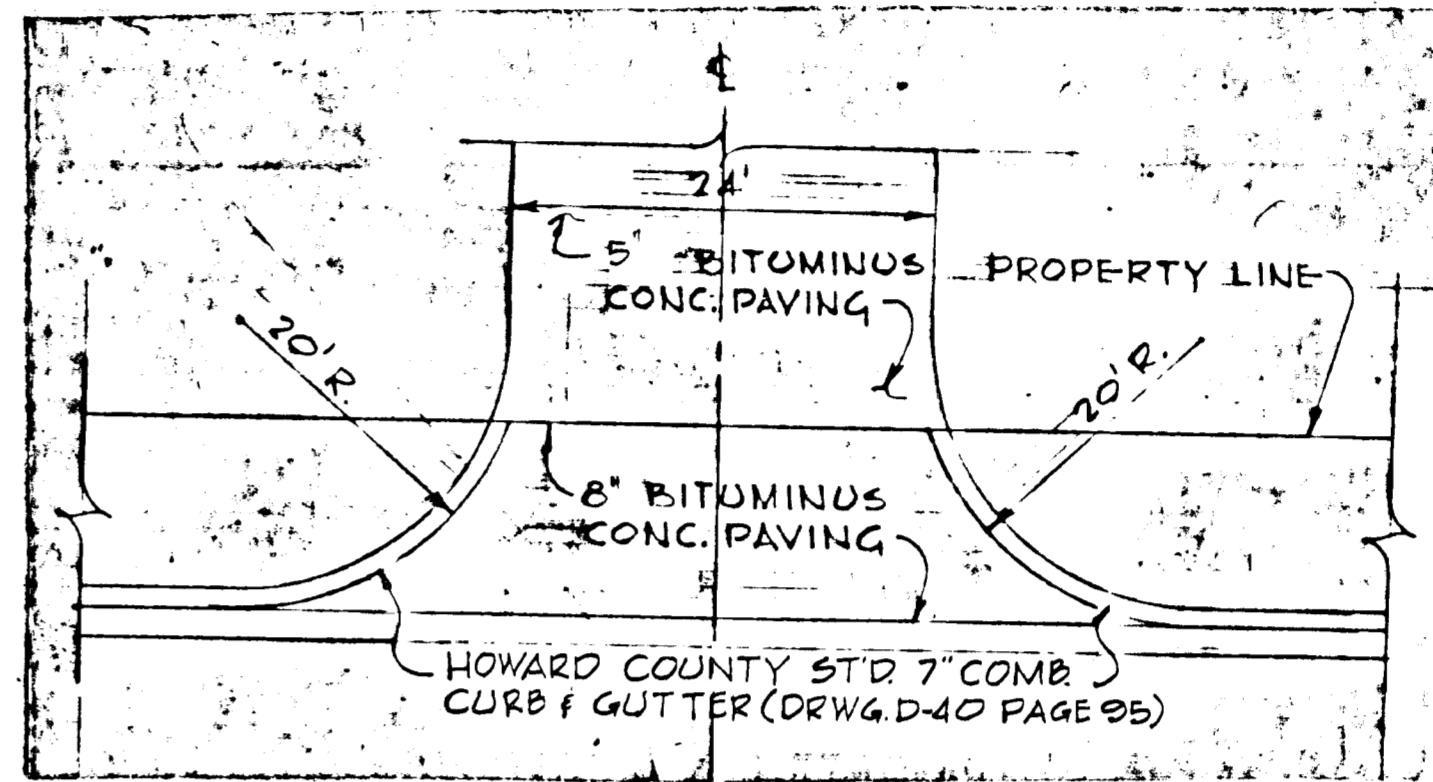
S-1
S.D.P. 71-103-1

Richard P. Browne Associates Architects and Planners

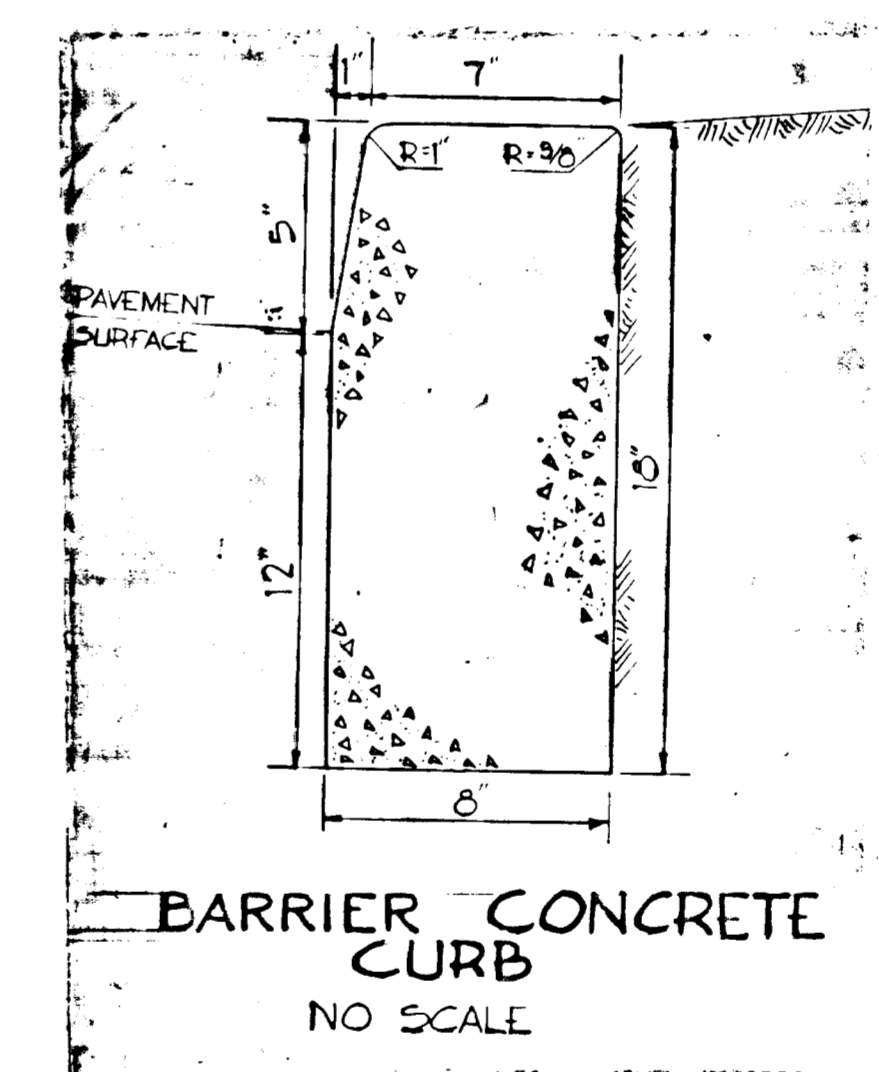


STORM DRAINAGE STRUCTURE SCHEDULE						
NO.	TYPE	LOCATION	INV. IN	INV. OUT	TOP ELEV.	REMARKS
M-1	Ho. Co. STD. M-1	See Plan	429.70	429.50	428.00	Ho. Co. STD. DWG. 10-4-71
M-2	A-B Inlet	See Plan	---	444.51	449.0	Ho. Co. STD. DWG. 10-4-71
M-3	C-Inlet	See Plan	427.50	427.10	441.0 *	Ho. Co. STD. DWG. 10-4-71
M-4	C-Inlet	See Plan	426.99	426.70	421.0 *	Ho. Co. STD. DWG. 10-4-71
M-5	A-B Inlet	See Plan	---	422.00	426.5	Ho. Co. STD. DWG. 10-4-71
M-6	A-B Inlet	See Plan	418.01	417.51	423.5	Ho. Co. STD. DWG. 10-4-71
M-7	A-B Inlet	See Plan	---	419.30	419.0	Ho. Co. STD. DWG. 10-4-71

* ELEV. GIVEN AT THROAT



B PAVEMENT DETAIL
NO SCALE
HO. CO. STD. D-18 PAGE 05



BARRIER CONCRETE CURB
NO SCALE

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
7/14/71
James A. Harris, Jr.

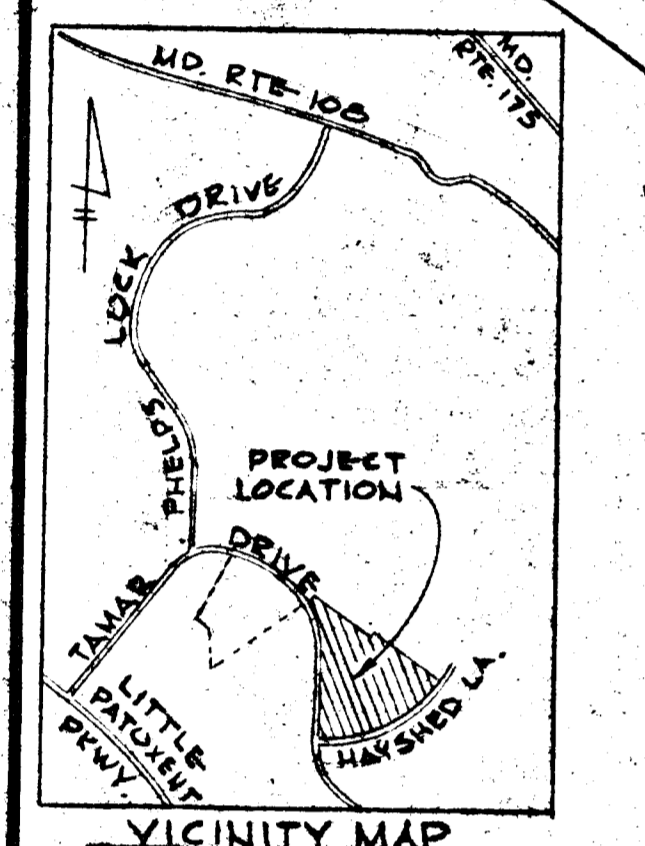
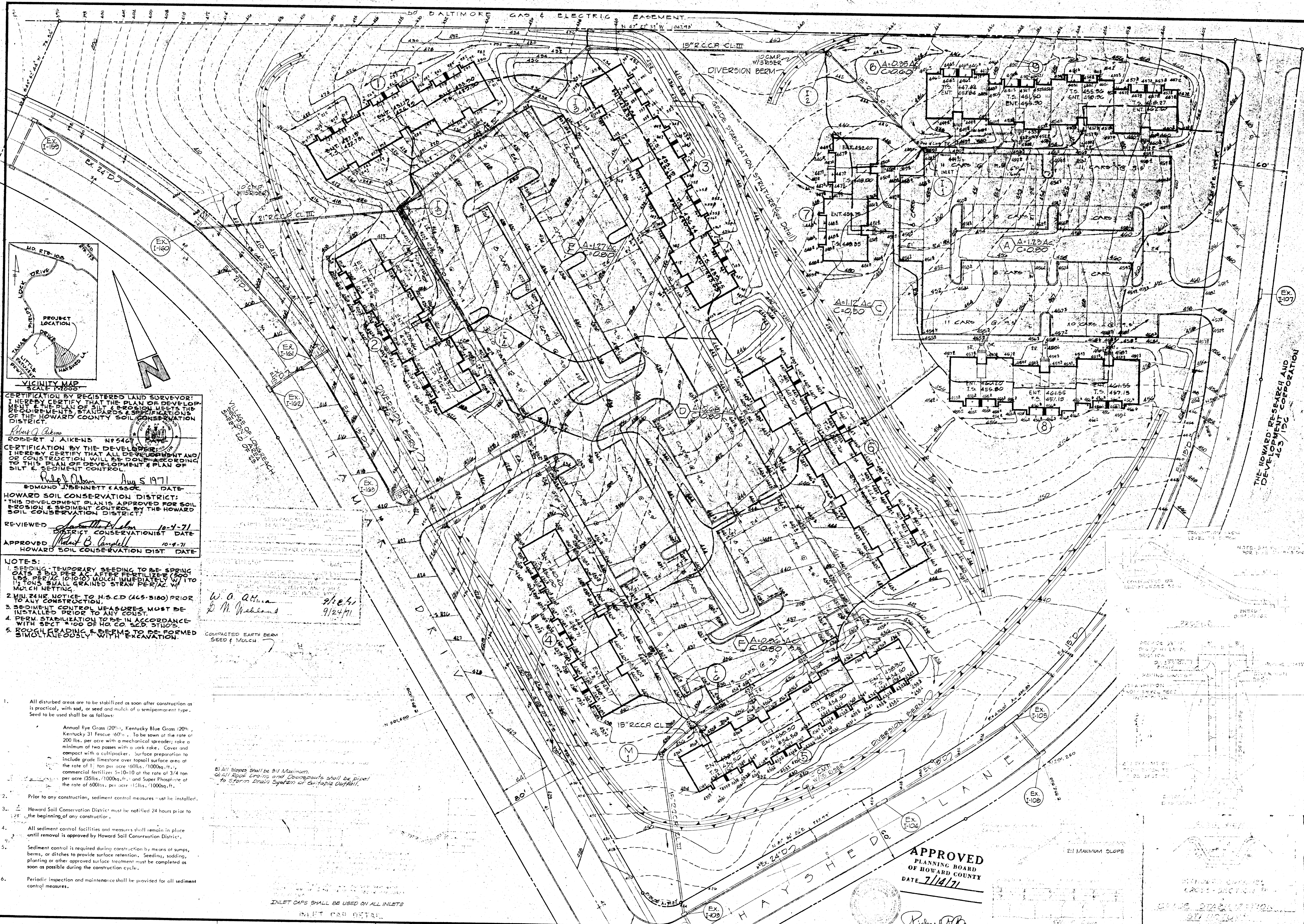
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
DATE 6-4-71
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS AND STORM DRAINAGE SYSTEMS AND ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE 6-4-71
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS AND STORM DRAINAGE SYSTEMS AND ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE 6-4-71

RICHARD P. BROUINE ASSOCIATES
Columbia, Maryland
ENGINEERS PLANNERS ARCHITECTS
Wayne, New Jersey

JOB NO. 123-70
DATE 6-14-71
SHEET 71-105-C

"VILLAGE OF LONGREACH"
SECTION I AREA I
PARCEL "C"

BENTANA EAST
IN THE VILLAGE OF LONGREACH
COLUMBIA, MD
STORM DRAIN PROFILES AND DETAILS
5th ELECTION DIST.
Scale 1"=50'



CERTIFICATION BY REGISTERED LAND SURVEYOR:
 I HEREBY CERTIFY THAT THE PLAN OF DEVELOPMENT & THE PLAN OF SILT EROSION MEETS THE REQUIREMENTS, STANDARDS & SPECIFICATIONS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
 Robert J. Aikens
 ROBERT J. AIKENS No. 5426 DATE
 CERTIFICATION BY THE DEVELOPER:
 I HEREBY CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION SHALL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT & PLAN OF SILT & SEDIMENT CONTROL.
 Edmund J. Bennett & Assoc.
 EDMOND J. BENNETT & ASSOC. DATE
HOWARD SOIL CONSERVATION DISTRICT:
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION & SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 REVIEWED [Signature] DATE 10-4-71
 DISTRICT CONSERVATIONIST DATE
 APPROVED [Signature] DATE 10-9-71
 HOWARD SOIL CONSERVATION DIST. DATE

NOTES:
 1. SEEDING - TEMPORARY SEEDING TO BE SPRING DATE 1972 PER AS. AFTER FERTILIZER (500 LBS. PER ACRE) & MULCH (10 TONS PER ACRE) TO 1/2 TONS SMALL GRAINED STRAW PER ACRE WITH 1/2 CH. NETTING.
 2. MIN. 24HR. NOTICE TO H.S.C.D. (465-3180) PRIOR TO ANY CONSTRUCTION.
 3. SEDIMENT CONTROL MEASURES MUST BE INSTALLED PRIOR TO ANY CONSTRUCTION.
 4. PERM. STABILIZATION TO BE IN ACCORDANCE WITH SEC. 100 OF HO. CO. SEC. 3100'S.
 5. ROUGH GRADING & BERMING TO BE PERFORMED SIMULTANEOUSLY WITH BERMING.
 W. A. Atkins 9/24/71
 D. M. Weiland 9/24/71

- All disturbed areas are to be stabilized as soon after construction as is practical, with sod, or seed and mulch of a semipermanent type. Seed to be used shall be as follows:
- Annual Ryegrass (20%), Kentucky Blue Grass (20%), Kentucky 31 Fescue (60%). To be sown at the rate of 200 lbs. per acre with a mechanical spreader; take a minimum of two passes with a work rake. Cover and compact with a cultipacker. Surface preparation to include grade limestone over topsoil surface area at the rate of 1 ton per acre (60lbs./1000sq.ft.), commercial fertilizer 3-10-10 at the rate of 3/4 ton per acre (35lbs./1000sq.ft.) and Super Phosphate at the rate of 400lbs. per acre (12lbs./1000sq.ft.).
- Prior to any construction, sediment control measures must be installed.
 - Howard Soil Conservation District must be notified 24 hours prior to the beginning of any construction.
 - All sediment control facilities and measures shall remain in place until removal is approved by Howard Soil Conservation District.
 - Sediment control is required during construction by means of sumps, berms, or ditches to provide surface retention. Seeding, sodding, planting or other approved surface treatment must be completed as soon as possible during the construction cycle.
 - Periodic inspection and maintenance shall be provided for all sediment control measures.

VALUES OF LONGREACH STREET 10-2-71
 COMPACTED EARTH BERM SEED & MULCH
 INLET CAPS SHALL BE USED ON ALL INLETS INLET CAP DETAIL

APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE 7/14/71

VILLAGE OF LONGREACH
 SECTION I, AREA I
 PARCEL 'C'

ENTRANCE PLAN
 IN THE VILLAGE OF LONGREACH
 HOWARD COUNTY
 DRAINAGE AREA & SEDIMENT CONTROL PLAN
 FOR PARCEL 'C'

RICHARD P. BROWNE
 ASSOCIATES
 Columbia, Maryland

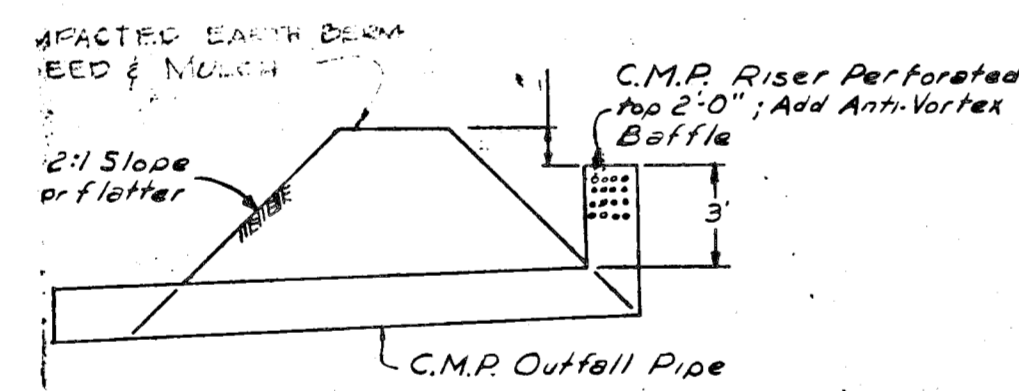
ENGINEERS
 PLANNERS
 ARCHITECTS
 Wayne, New Jersey

JOB NO. 283-70
 DATE 6-4-71

S-1
 S.D.P. 71-103-10

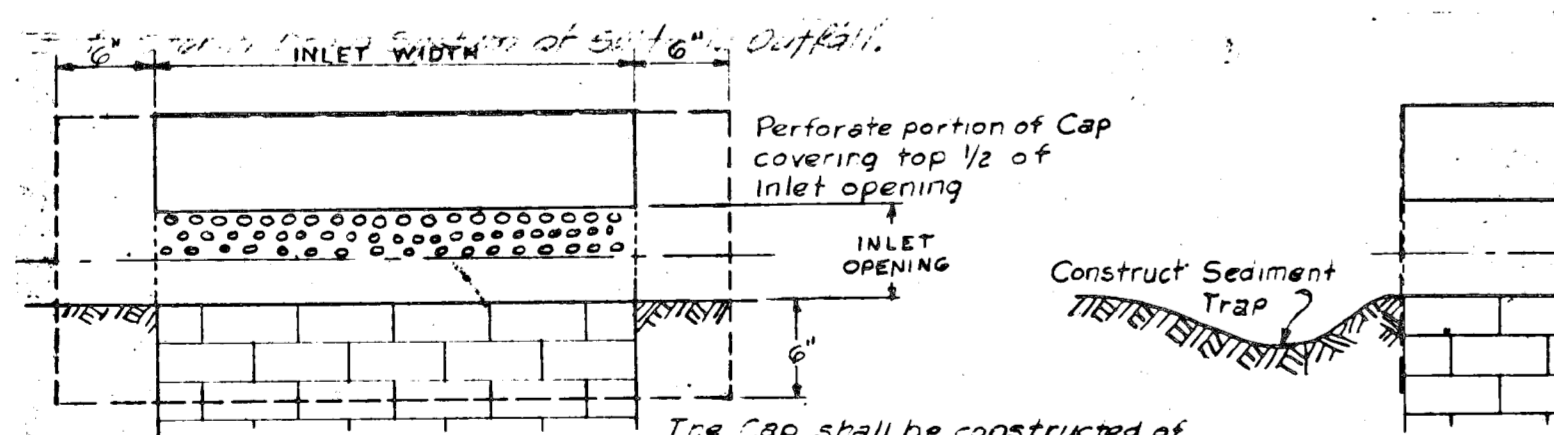
Cohen Haf and Associates Architects and Planners
 A. Holtz Associate
 Silver Spring, Maryland

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.	
COUNTY HEALTH OFFICER	DATE
APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING	
PLANNING DIRECTOR	DATE
CHIEF ENGINEER, DIVISION OF LAND DEVELOPMENT DATE	
APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	
DIRECTOR	DATE
CHIEF, BUREAU OF HIGHWAYS	DATE



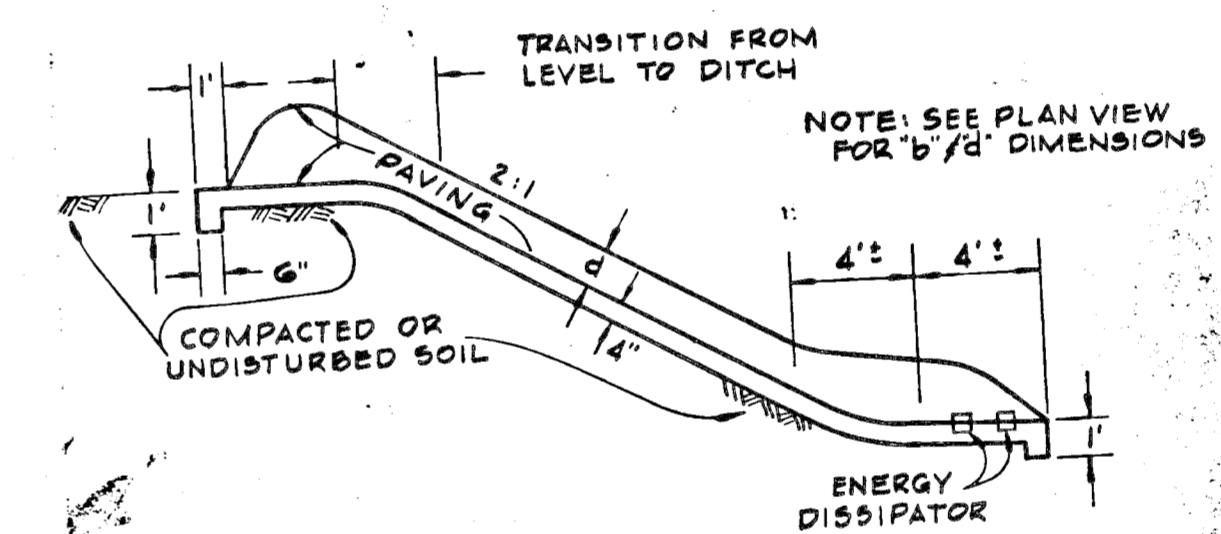
GENERAL NOTES

- 1) All Berms must be Machine Compacted
- 2) All Diversion Berms must have Positive Grades Draining to Stabilized Outlet
- 3) Diverted Runoff will outlet onto a Stabilized Undisturbed Area.
- 4) Periodic Inspection and Required Maintenance will be Provided.

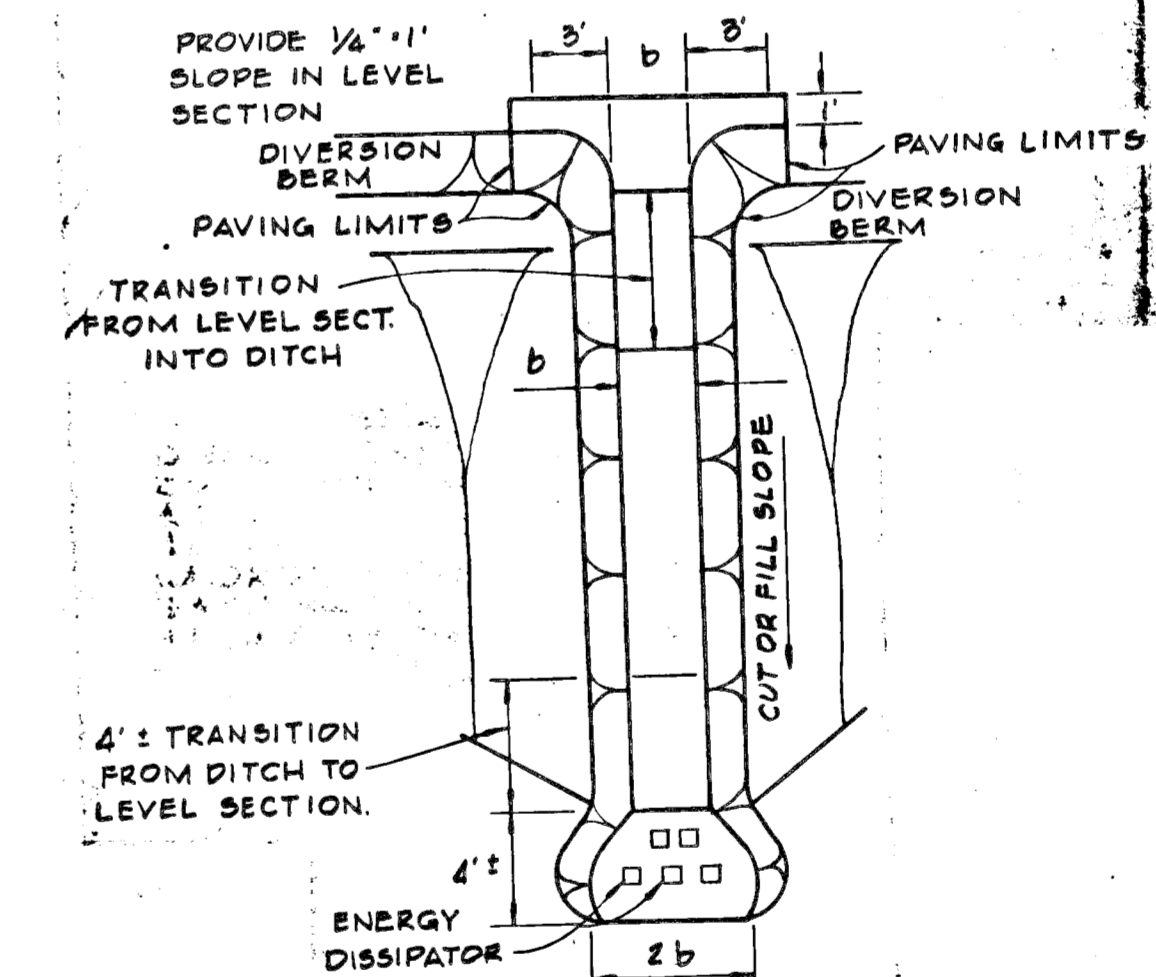


NOTE: Sediment Trap shall be maintained and kept free of Sediment to insure efficient operation.
INLET CAPS SHALL BE USED ON ALL INLETS

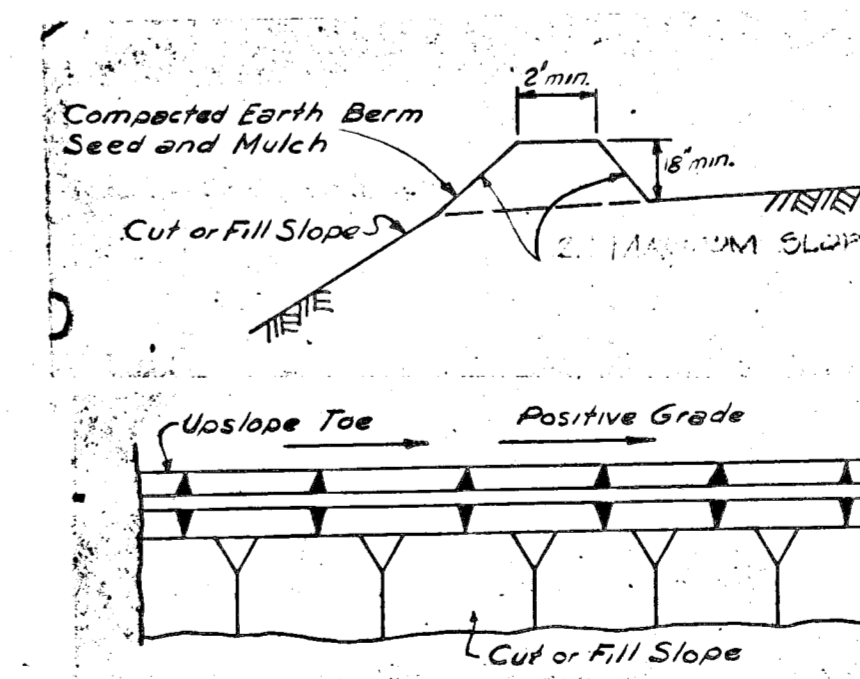
INLET CAP DETAIL



PROFILE



PLAN VIEW



STANDARD CHANNEL CROSS-SECTION

GRADE STABILIZATION STRUCTURE

NOT TO SCALE

PENTANA EAST
IN THE VILLAGE OF LONGREACH
COLUMBIA, MD.
6TH ELECTION DISTRICT
SCALE: 1"=50'