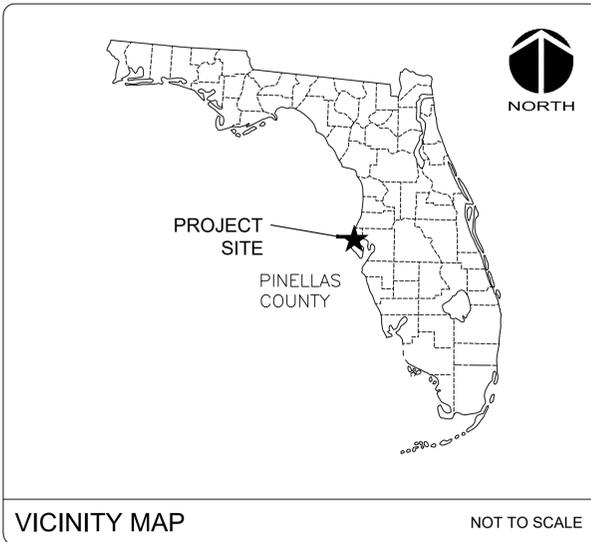


BELLEAIR COUNTRY CLUB WEST COURSE IMPROVEMENTS

PROJ. NO. 073340001
December 3, 2020

| SHEET LIST TABLE | |
|------------------|---|
| SHEET NO. | SHEET TITLE |
| - | COVER, LOCATION MAP & SHEET INDEX |
| G1 | BOUNDARY & TOPOGRAPHIC SURVEY CONTROL POINTS |
| G2 | BOUNDARY & TOPOGRAPHIC SURVEY: GENERAL NOTES |
| C-1.0 | EROSION AND SEDIMENT CONTROL PLANS MASTER KEY MAP |
| C-2.1 | EROSION AND SEDIMENT CONTROL PLAN |
| C-2.2 | EROSION AND SEDIMENT CONTROL PLAN |
| C-2.3 | EROSION AND SEDIMENT CONTROL PLAN |
| C-2.4 | EROSION AND SEDIMENT CONTROL PLAN |
| C-2.5 | EROSION AND SEDIMENT CONTROL PLAN |
| C-2.6 | EROSION AND SEDIMENT CONTROL PLAN |
| C-2.7 | EROSION AND SEDIMENT CONTROL PLAN |
| C-2.8 | EROSION AND SEDIMENT CONTROL PLAN |
| C-2.9 | EROSION AND SEDIMENT CONTROL PLAN |
| C-2.10 | EROSION AND SEDIMENT CONTROL PLAN |
| C-2.11 | EROSION AND SEDIMENT CONTROL PLAN |
| C-2.12 | EROSION AND SEDIMENT CONTROL PLAN |
| C-3.0 | DETAILS |
| C-3.1 | DETAILS |
| C-3.2 | DETAILS |
| C-3.3 | DETAILS |
| C-3.4 | SPRING BOX ABANDONMENT DETAIL |

| SHEET LIST TABLE (CONTINUED) | |
|------------------------------|--|
| SHEET NO. | SHEET TITLE |
| D1 | EXISTING DRAINAGE AREAS |
| D2 | PROPOSED DRAINAGE AREAS |
| D3 | DRAINAGE PLANS - DITCH: WEST BRANCH |
| D4 | DRAINAGE PLANS - DITCH: EAST BRANCH |
| D5 | DRAINAGE PLANS - DITCH: EAST BRANCH |
| D6.1 | DRAINAGE PLANS - STM SEWER: RATTLESNAKE |
| D6.2 | DRAINAGE PLANS - STM SEWER: RATTLESNAKE |
| D6.3 | DRAINAGE PLANS - STM SEWER: RATTLESNAKE |
| D7 | DRAINAGE PLANS - DITCH: EXISTING UNNAMED CREEK |
| D8 | DRAINAGE PLANS - STRUCTURE DATA TABLES |



PROJECT NAME: WEST COURSE MODIFICATIONS

OWNER/DEVELOPER:
Belleair Country Club
One Country Club Lane
Belleair, FL 401 W. Kennedy Blvd.
Tampa, FL 33756
(727) 461-7171

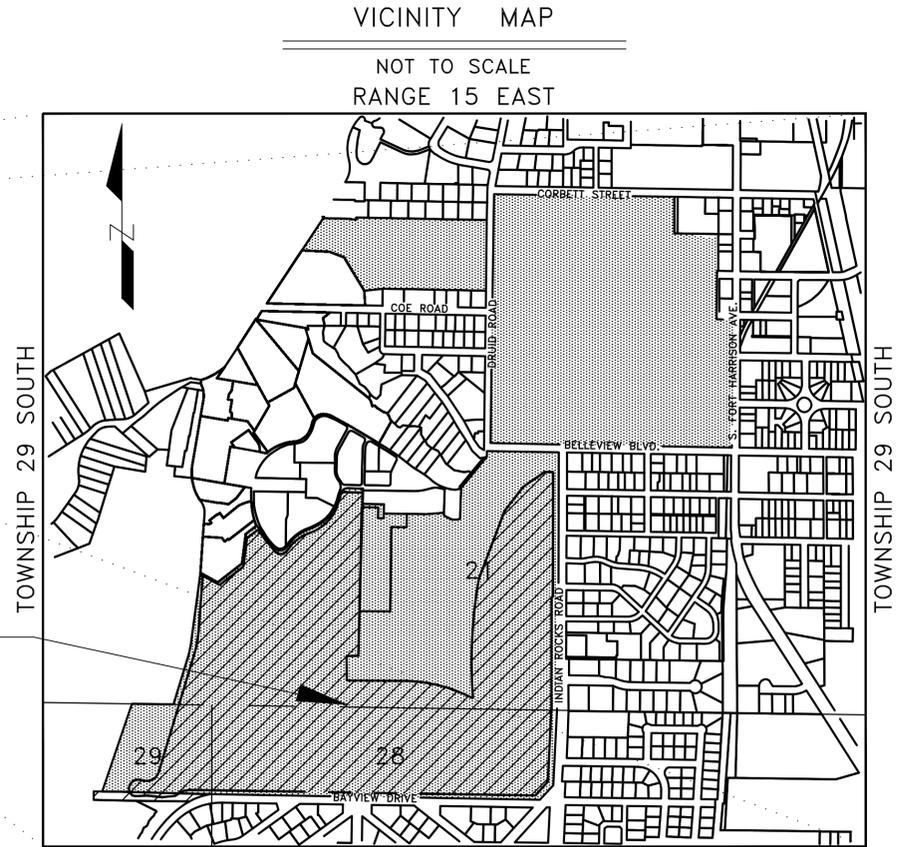
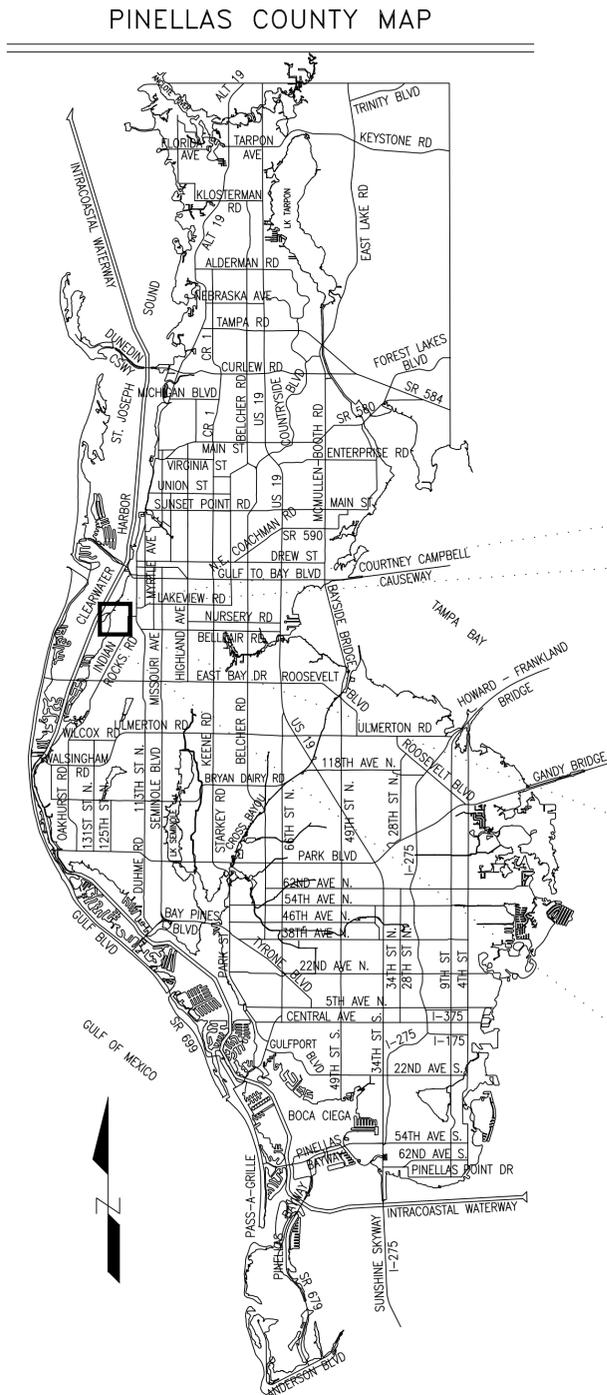
811
Know what's below.
Call before you dig.

Contact:
Edward Shaughnessy
Chief Operating Officer
(727) 641-4567

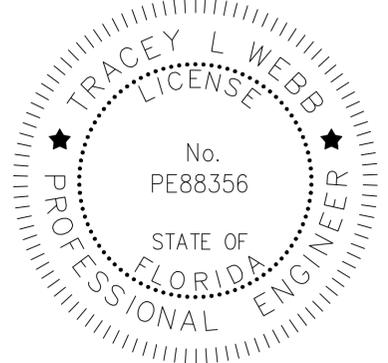
1365 Hamlet Avenue
Clearwater, Florida 33756
Phone: (727) 442-7196, Fax: (727) 461-3827

CA Lic. No. 29588
www.mckimcreed.com

PROJECT INFORMATION



SECTION 21, TOWNSHIP 29 SOUTH, RANGE 15 EAST
SECTION 28, TOWNSHIP 29 SOUTH, RANGE 15 EAST
SECTION 29, TOWNSHIP 29 SOUTH, RANGE 15 EAST



THE ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

ON THE DATE ADJACENT TO THIS SEAL

PRINTED COPIES OF THIS ITEM ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

MCKIM & CREED INC.
3903 NORTHDALDE BLVD., SUITE 115E
TAMPA, FL 33624
PHONE NO.: 813-549-3740
CERTIFICATE OF AUTHORIZATION: 29588
TRACEY L. WEBB, PE No. 88356

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

I:\07334\0001\80-Drawings\02 Plans\01_Plan_Cover v2.dwg, Dec 03, 2020 - 1:17pm

ISSUED FOR BIDDING

SOIL BORINGS

| SOIL BORINGS | | | | |
|--------------|--------------|-------------|-----------|------------|
| Point # | NORTHING (Y) | EASTING (X) | ELEVATION | BORING |
| 8000 | 1310744.41 | 393333.81 | 2.65' | SBORE A-1 |
| 8001 | 1311130.30 | 393609.48 | 18.76' | SBORE A-2 |
| 8002 | 1311442.57 | 393860.14 | 27.85' | SBORE A-3 |
| 8003 | 1311320.26 | 394361.66 | 31.52' | SBORE A-4 |
| 8004 | 1310825.85 | 394745.83 | 36.97' | SBORE A-5 |
| 8005 | 1311059.39 | 395040.10 | 39.00' | SBORE A-6 |
| 8006 | 1311216.54 | 395567.58 | 39.03' | SBORE A-7 |
| 8007 | 1310867.60 | 395632.74 | 42.75' | SBORE A-8 |
| 8008 | 1312000.92 | 393850.70 | 12.41' | SBORE A-9 |
| 8009 | 1311762.80 | 394132.93 | 25.16' | SBORE A-10 |
| 8010 | 1312318.14 | 394058.92 | 15.70' | SBORE A-11 |
| 8011 | 1312275.66 | 394446.39 | 28.27' | SBORE A-12 |
| 8012 | 1312395.28 | 394927.38 | 35.47' | SBORE A-13 |
| 8013 | 1311554.14 | 394808.11 | 34.83' | SBORE A-14 |
| 8014 | 1312087.85 | 395604.09 | 36.64' | SBORE A-15 |
| 8015 | 1311638.86 | 395614.93 | 38.10' | SBORE A-16 |
| 8016 | 1311315.93 | 396077.61 | 41.89' | SBORE A-17 |
| 8017 | 1311944.02 | 396316.77 | 39.86' | SBORE A-18 |
| 8018 | 1312716.85 | 395580.51 | 37.50' | SBORE A-19 |
| 8019 | 1312926.04 | 395890.30 | 27.16' | SBORE A-20 |

| SOIL BORINGS | | | | |
|--------------|--------------|-------------|-----------|------------|
| Point # | NORTHING (Y) | EASTING (X) | ELEVATION | BORING |
| 8020 | 1312432.62 | 395907.62 | 34.96' | SBORE A-21 |
| 8021 | 1312789.47 | 396235.55 | 24.39' | SBORE A-22 |
| 8022 | 1313185.17 | 396270.34 | 23.17' | SBORE A-23 |
| 8023 | 1313712.93 | 396596.65 | 36.71' | SBORE A-24 |
| 8024 | 1314251.36 | 396152.97 | 36.41' | SBORE A-25 |
| 8025 | 1313575.19 | 397291.32 | 39.10' | SBORE A-26 |
| 8026 | 1314067.44 | 397072.61 | 38.78' | SBORE A-27 |
| 8027 | 1313880.79 | 397722.12 | 44.74' | SBORE A-28 |
| 8028 | 1314505.05 | 396592.20 | 37.40' | SBORE A-29 |
| 8029 | 1315132.26 | 396432.72 | 38.39' | SBORE A-30 |
| 8030 | 1314455.45 | 397618.79 | 41.08' | SBORE A-31 |
| 8031 | 1314793.01 | 397165.00 | 38.92' | SBORE A-32 |
| 8032 | 1314745.62 | 395800.30 | 36.26' | SBORE A-33 |
| 8033 | 1315067.43 | 394901.58 | 6.69' | SBORE A-34 |
| 8034 | 1314853.05 | 395087.68 | 20.67' | SBORE A-35 |

WETLAND POINTS

| WETLAND W1 | | | | |
|------------|--------------|-------------|-----------|-------|
| Point # | NORTHING (Y) | EASTING (X) | ELEVATION | NAME |
| 75500 | 1310728.21 | 393408.20 | 0.00 | W1-1 |
| 75501 | 1310718.90 | 393404.22 | 0.00 | W1-2 |
| 75502 | 1310697.94 | 393409.86 | 0.00 | W1-3 |
| 75503 | 1310700.79 | 393379.94 | 0.00 | W1-4 |
| 75504 | 1310711.67 | 393356.32 | 0.00 | W1-5 |
| 75505 | 1310720.74 | 393324.17 | 0.00 | W1-6 |
| 75506 | 1310732.55 | 393292.09 | 0.00 | W1-7 |
| 75507 | 1310748.96 | 393269.16 | 0.00 | W1-8 |
| 75508 | 1310770.22 | 393254.31 | 0.00 | W1-9 |
| 75509 | 1310789.71 | 393287.16 | 0.00 | W1-10 |
| 75510 | 1310772.41 | 393312.71 | 0.00 | W1-11 |
| 75511 | 1310788.17 | 393362.30 | 0.00 | W1-12 |
| 75512 | 1310764.92 | 393400.04 | 0.00 | W1-13 |

| WETLAND W2 | | | | |
|------------|--------------|-------------|-----------|------|
| Point # | NORTHING (Y) | EASTING (X) | ELEVATION | NAME |
| 75513 | 1310783.64 | 393463.52 | 0.00 | W2-1 |
| 75514 | 1310782.90 | 393447.16 | 0.00 | W2-2 |
| 75515 | 1310795.85 | 393437.02 | 0.00 | W2-3 |
| 75516 | 1310809.75 | 393436.13 | 0.00 | W2-4 |
| 75517 | 1310820.21 | 393444.63 | 0.00 | W2-5 |
| 75518 | 1310824.43 | 393457.46 | 0.00 | W2-6 |
| 75519 | 1310817.57 | 393464.03 | 0.00 | W2-7 |
| 75520 | 1310794.91 | 393467.35 | 0.00 | W2-8 |

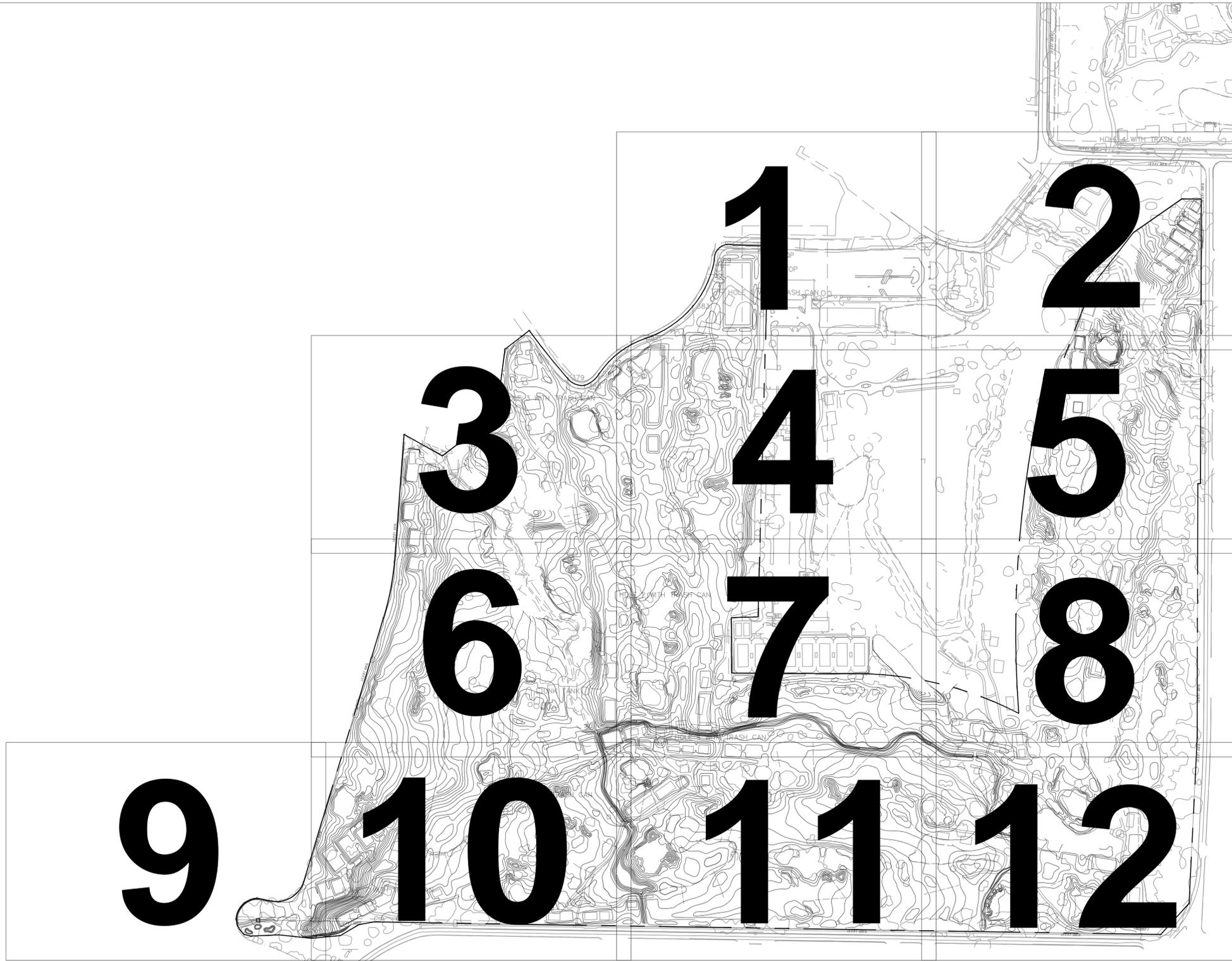
SEASONAL HIGH WATER

| SEASONAL HIGH WATER | | | | |
|---------------------|--------------|-------------|-----------|-------------|
| Point # | NORTHING (Y) | EASTING (X) | ELEVATION | DESCRIPTION |
| 30000 | 1312831.11 | 395738.62 | 35.52' | MHW |
| 30001 | 1315008.95 | 396885.44 | 36.45' | MHW |
| 30002 | 1314988.60 | 396131.82 | 33.92' | MHW |
| 30003 | 1314958.72 | 394806.13 | 5.20' | MHW |
| 30004 | 1313502.46 | 396605.55 | 33.28' | MHW |
| 30005 | 1313053.57 | 396146.66 | 5.80' | MHW |
| 30006 | 1312746.94 | 396373.60 | 8.98' | MHW |
| 30007 | 1312277.49 | 393994.87 | 8.43' | MHW |
| 30008 | 1310975.65 | 394933.83 | 33.13' | MHW |

CONTROL AND BOUNDARY MONUMENTATION

| CONTROL AND BOUNDARY POINTS | | | | |
|-----------------------------|--------------|-------------|-----------|--------------------------------------|
| Point # | NORTHING (Y) | EASTING (X) | ELEVATION | DESCRIPTION |
| 1 | 1310660.39 | 396546.79 | 47.84' | SET MAG NAIL & DISK "LB 7917" |
| 2 | 1310706.17 | 394969.31 | 36.44' | SIRC 5/8" "LB 7917" |
| 3 | 1310805.07 | 393606.31 | 30.20' | SIRC 5/8" "LB 7917" |
| 4 | 1311578.14 | 393791.26 | 24.80' | SIRC 5/8" "LB 7917" |
| 5 | 1311372.05 | 394822.35 | 38.26' | SIRC 5/8" "LB 7917" |
| 6 | 1311563.25 | 395799.77 | 39.38' | SIRC 5/8" "LB 7917" |
| 7 | 1311639.55 | 396594.59 | 45.10' | SET MAG NAIL & DISK "LB 7917" |
| 8 | 1312430.74 | 396601.49 | 29.00' | SIRC 5/8" "LB 7917" |
| 9 | 1312178.81 | 395985.53 | 41.67' | SIRC 5/8" "LB 7917" |
| 10 | 1312047.89 | 395231.10 | 43.78' | SIRC 5/8" "LB 7917" |
| 11 | 1312170.77 | 393949.39 | 22.74' | SIRC 5/8" "LB 7917" |
| 12 | 1312377.14 | 394530.82 | 33.82' | SIRC 5/8" "LB 7917" |
| 13 | 1312979.00 | 394992.36 | 36.14' | SIRC 5/8" "LB 7917" |
| 14 | 1312636.17 | 395782.79 | 39.74' | SIRC 5/8" "LB 7917" |
| 15 | 1313062.32 | 396343.00 | 19.16' | SIRC 5/8" "LB 7917" |
| 16 | 1313426.97 | 396089.05 | 33.28' | SIRC 5/8" "LB 7917" |
| 17 | 1313332.52 | 396569.47 | 36.28' | SIRC 5/8" "LB 7917" |
| 18 | 1314394.99 | 396004.38 | 35.89' | SIRC 5/8" "LB 7917" |
| 19 | 1314473.36 | 394339.92 | 3.65' | SIRC 5/8" "LB 7917" |
| 20 | 1314994.29 | 394666.30 | 6.56' | SIRC 5/8" "LB 7917" |
| 21 | 1314602.18 | 395249.87 | 30.41' | SIRC 5/8" "LB 7917" |
| 22 | 1314857.86 | 396003.18 | 35.09' | SIRC 5/8" "LB 7917" |
| 23 | 1315326.52 | 396064.92 | 34.30' | SIRC 5/8" "LB 7917" |
| 24 | 1315357.80 | 397082.39 | 34.36' | SIRC 5/8" "LB 7917" |
| 25 | 1314691.50 | 396575.96 | 41.14' | SIRC 5/8" "LB 7917" |
| 26 | 1313889.12 | 396554.00 | 37.40' | SIRC 5/8" "LB 7917" |
| 27 | 1313393.25 | 397190.16 | 41.45' | SIRC 5/8" "LB 7917" |
| 28 | 1314060.27 | 397226.70 | 42.99' | SIRC 5/8" "LB 7917" |
| 29 | 1314758.81 | 397121.95 | 39.05' | SIRC 5/8" "LB 7917" |
| 30 | 1315312.56 | 397941.84 | 37.19' | SIRC 5/8" "LB 7917" |
| 31 | 1314688.67 | 397869.18 | 39.68' | SIRC 5/8" "LB 7917" |
| 32 | 1314065.19 | 397931.88 | 43.99' | SIRC 5/8" "LB 7917" |
| 33 | 1313323.44 | 397844.86 | 48.54' | SIRC 5/8" "LB 7917" |
| 34 | 1314659.03 | 395999.78 | 35.76' | SIRC 5/8" "LB 7917" |
| 300 | 1315397.70 | 396012.98 | 0.00' | FND. 4" X 4" CONCRETE MONUMENT |
| 301 | 1315129.77 | 396006.13 | 0.00' | FND. 4" X 4" CONCRETE MONUMENT |
| 302 | 1314589.22 | 395997.85 | 0.00' | FND. 1/2" IRC "LB 6492" |
| 303 | 1314459.43 | 395995.73 | 0.00' | FND. 5/8" IRC "PLS 2043" |
| 304 | 1314585.37 | 395066.02 | 0.00' | FND. 1/2" IRC |
| 305 | 1314599.17 | 395369.21 | 0.00' | FND. 1/4" IR |
| 306 | 1314838.54 | 394908.38 | 0.00' | FND. 1/2" IR |
| 307 | 1314891.80 | 394579.17 | 0.00' | FND. CHISLED "X" IN CONCRETE SEAWALL |
| 314 | 1315309.31 | 397429.49 | 0.00' | FND. 4" X 4" CONCRETE MONUMENT |
| 315 | 1315023.07 | 397768.42 | 0.00' | FND. 1/2" IRC "RLS 2512" |
| 316 | 1314744.22 | 397757.01 | 0.00' | FND. 1/2" IRC "G.F. YOUNG LB 021" |
| 317 | 1314744.10 | 397766.31 | 0.00' | FND. PK NAIL AND DISK "PLS 4821" |
| 318 | 1314372.09 | 397872.55 | 0.00' | FND. 3" X 3" CONCRETE MONUMENT |
| 319 | 1313968.88 | 397869.44 | 0.00' | FND. 1/2" IR |
| 320 | 1313822.69 | 397858.17 | 0.00' | FND. 1/2" IR |
| 321 | 1313354.48 | 396557.08 | 0.00' | FND. 5/8" IR |
| 322 | 1313354.62 | 396557.22 | 0.00' | FND. 1/2" IR |
| 323 | 1313353.00 | 396616.12 | 0.00' | FND. NAIL AND DISK "PLS 4931" |
| 324 | 1313330.65 | 396003.40 | 0.00' | FND. NAIL AND DISK "CFD LB 107" |
| 325 | 1313089.93 | 395809.49 | 0.00' | FND. PK NAIL AND DISK "PCP PLS 4821" |
| 326 | 1313090.00 | 395809.37 | 0.00' | FND. NAIL AND DISK "CFD LB 107" |
| 327 | 1313076.70 | 395744.62 | 0.00' | FND. 6D NAIL, NO IDENTIFICATION |

| CONTROL AND BOUNDARY POINTS | | | | |
|-----------------------------|--------------|-------------|-----------|---|
| Point # | NORTHING (Y) | EASTING (X) | ELEVATION | DESCRIPTION |
| 328 | 1313088.04 | 395684.00 | 0.00' | FND. MAG NAIL AND DISK "PRM LB 6707" |
| 329 | 1313087.80 | 395684.14 | 0.00' | FND. NAIL AND DISK "LB 5437" |
| 330 | 1313074.43 | 395683.60 | 0.00' | FND. MAG NAIL AND DISK "PRM LB 6707" |
| 331 | 1313078.99 | 395670.97 | 0.00' | FND. MAG NAIL AND DISK "PRM LB 6707" |
| 332 | 1313082.14 | 395664.67 | 0.00' | FND. 5/8" IRC "FDC LB 6707" |
| 333 | 1313065.12 | 395452.23 | 0.00' | FND. MAG NAIL AND DISK "PRM LB 6707" |
| 334 | 1313067.04 | 395057.87 | 0.00' | FND. MAG NAIL AND DISK "PRM FDC LB 6707" |
| 335 | 1313079.52 | 395058.12 | 0.00' | FND. MAG NAIL AND DISK "PRM FDC LB 6707" |
| 336 | 1312962.66 | 395055.79 | 0.00' | FND. MAG NAIL AND DISK "PRM FDC LB 6707" |
| 337 | 1312890.20 | 395217.44 | 0.00' | FND. 5/8" IR |
| 338 | 1312898.19 | 395678.75 | 0.00' | FND. 5/8" IRC |
| 339 | 1312878.84 | 395677.92 | 0.00' | FND. MAG NAIL AND DISK "LB 7252" |
| 340 | 1312848.72 | 395742.48 | 0.00' | FND. 1/2" IR |
| 341 | 1312855.52 | 395802.99 | 0.00' | FND. 1/2" IR |
| 342 | 1312259.18 | 396554.65 | 0.00' | FND. 3" X 3" CONCRETE MONUMENT |
| 343 | 1312259.65 | 396545.64 | 0.00' | FND. 3" X 3" CONCRETE MONUMENT |
| 344 | 1311380.61 | 396543.47 | 0.00' | FND. 1/2" IRC |
| 345 | 1310825.13 | 396516.12 | 0.00' | FND. 3" X 3" CONCRETE MONUMENT |
| 346 | 1310702.58 | 396417.16 | 0.00' | FND. 4" X 4" CONCRETE MONUMENT |
| 347 | 1310702.78 | 396403.86 | 0.00' | FND. 3" X 3" CONCRETE MONUMENT |
| 348 | 1310753.76 | 393218.78 | 0.00' | FND. DRILL HOLE IN CONCRETE SEAWALL |
| 349 | 1310827.72 | 393291.04 | 0.00' | FND. RIVET AND DISK "G.F.Y. LB 021" IN CONCRETE SEAWALL |
| 350 | 1310820.35 | 393330.24 | 0.00' | FND. APPARENT REFERENCE |
| 351 | 1310816.22 | 393356.46 | 0.00' | FND. APPARENT REFERENCE |
| 352 | 1310883.02 | 393452.30 | 0.00' | FND. BROKEN RIVET IN CONCRETE SEAWALL |
| 353 | 1311793.93 | 393728.24 | 0.00' | FND. BROKEN RIVET IN CONCRETE SEAWALL |
| 354 | 1311988.93 | 393766.86 | 0.00' | FND. BROKEN RIVET IN CONCRETE SEAWALL |
| 355 | 1313082.58 | 394938.80 | 0.00' | FND. MAG NAIL AND DISK "PRM FDC LB 6707" |
| 356 | 1312796.64 | 394226.12 | 0.00' | FND. MAG NAIL AND DISK "PRM FDC LB 6707" |
| 357 | 1312723.22 | 394148.88 | 0.00' | FND. 3" X 3" CONCRETE MONUMENT |
| 358 | 1312498.20 | 394119.48 | 0.00' | FND. 3" X 3" CONCRETE MONUMENT |
| 359 | 1312355.75 | 393927.47 | 0.00' | FND. 5/8" IR |
| 360 | 1312429.09 | 393800.23 | 0.00' | FND. RIVET AND DISK "G.F.Y. LB 021" IN CONCRETE SEAWALL |
| 361 | 1315131.01 | 395895.16 | 35.11' | FND. 4" X 4" CONCRETE MONUMENT |
| 362 | 1315133.54 | 395669.08 | 34.99' | FND. 1/2" IRC "PSM 4086" |
| 363 | 1315134.88 | 395534.17 | 34.37' | FND. 1/2" IRC "PSM 4086" |
| 364 | 1315136.50 | 395404.31 | 0.00' | FND. 3" X 3" CONCRETE MONUMENT |
| 365 | 1315139.93 | 395097.67 | 10.66' | FND. 5/8" IRC |
| 366 | 1314601.64 | 395213.86 | 28.72' | FND. 1/2" IR |
| 367 | 1315028.82 | 397430.83 | 37.27' | FND. 3/4" CAPPED IRON PIPE ILLEGIBLE |
| 368 | 1314374.00 | 397754.56 | 40.58' | FND. 3" X 3" CONCRETE MONUMENT |
| 369 | 1313029.76 | 394873.48 | 0.00' | BOUNDARY NOT SET IN CONSTRUCTION |
| 370 | 1312961.14 | 395218.34 | 0.00' | SET MAG NAIL AND DISK "LB 7917" |
| 371 | 1312886.91 | 395544.18 | 0.00' | SET 5/8" IRC "LB 7917" |
| 372 | 1313364.35 | 396003.94 | 0.00' | SET MAG NAIL AND DISK "LB 7917" |
| 373 | 1315029.00 | 397427.32 | 0.00' | SET 5/8" IRC "LB 7917" |
| 374 | 1313423.88 | 396030.06 | 0.00' | SET MAG NAIL AND DISK "LB 7917" |
| 375 | 1313390.25 | 397852.17 | 0.00' | SET 5/8" IRC "LB 7917" |
| 376 | 1315143.86 | 394745.82 | | |



SURVEY LEGEND

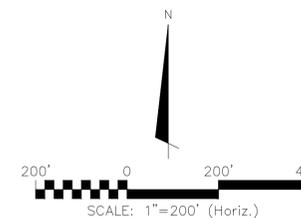
- CRF CAPPED REBAR FOUND (1/2")
- CRS CAPPED REBAR SET (1/2")
- T.B.M. TEMPORARY BENCH MARK
- RBF REBAR FOUND
- B/L BUILDING LINE
- CL CENTERLINE
- P/L PROPERTY LINE
- X- FENCE
- R/W RIGHT-OF-WAY
- A.C. AIR CONDITIONER
- T-PED TELEPHONE PEDESTAL
- CATV CABLE TELEVISION PEDESTAL
- FIRE HYDRANT
- P-BOX POWER BOX
- POWER POLE
- SANITARY SEWER MANHOLE
- WM WATER METER
- ⊗ WATER VALVE
- N/L NOT LEGIBLE
- W- UNDERGROUND WATER
- FOC- UNDERGROUND FIBER OPTIC

ENGINEERING ABBREVIATIONS

- A.L. APPROXIMATE LOCATION
- APPROX. APPROXIMATE
- ARCH. ARCHITECTURAL
- CONC. CONCRETE
- COORD. COORDINATE
- ELEC. ELECTRICAL
- EX./EXIST. EXISTING
- ELEV. ELEVATION
- FFE. FINISHED FLOOR ELEV.
- INV. INVERT
- LAND. LANDSCAPING
- MAX. MAXIMUM
- MIN. MINIMUM
- PLUMB. PLUMBING
- TYP. TYPICAL

EROSION CONTROL LEGEND

- # TYPE I SILT FENCE
- TYPE II REINFORCED SILT FENCE
- DIVERSION / BERM
- x- SEDIMENT BASIN BAFFLE
- OUTLET SKIMMER
- SEDIMENTATION BASIN
- ▨ ROCK CONSTRUCTION EXIT
- ▧ CHANNEL LINING
- 10' X 10' RIP RAP DISSIPATION PAD
- 5' X 5' RIP RAP DISSIPATION PAD



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**BELLEAIR COUNTRY CLUB
WEST COURSE IMPROVEMENTS**

**EROSION AND SEDIMENT CONTROL PLANS
MASTER KEY MAP**

| | |
|-------------|------------|
| DATE: | 11/12/20 |
| MCE PROJ. # | 07334-0001 |
| DRAWN | AM |
| DESIGNED | MDL |
| CHECKED | MDL |
| PROJ. MGR. | TLW |

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|-------------|--------------------------------|
| SCALE | C-1.0 DRAWING NUMBER |
| HORIZONTAL: | |
| VERTICAL: | |
| AS NOTED | 00 REVISION |
| N/A | |

STATUS: **ISSUED FOR BIDDING**

TRACT "C"

SILT SAVER "R-100A-HF" INLET PROTECTION (TYP.), PER MANUFACTURER'S SPECIFICATIONS.

INLET PROTECTION SHOWN ON THIS PLAN INDICATES LOCATIONS WHERE STRUCTURAL BMP'S ARE ANTICIPATED TO BE NEEDED AT SOME TIME THROUGHOUT CONSTRUCTION AND MAY OR MAY NOT REFLECT ACTUAL QUANTITIES NEEDED. QUANTITIES WILL BE DICTATED BY THE CONTRACTOR'S PHASING PLAN AND/OR THE USEFUL LIFE OF EACH UNIT.

TYPE I SILT FENCE PER DETAIL (TYP.)

ALL EXISTING INLETS WITHIN THE PROJECT LIMITS TO REMAIN AND/OR BE REMOVED TO ACCOMMODATE FINAL COURSE LAYOUT SHALL HAVE INLET PROTECTION INSTALLED PRIOR TO LAND DISTURBANCE WHICH SHALL REMAIN UNTIL SUCH TIME THAT THE INLET AND CONNECTED PIPING SYSTEM NO LONGER CONVEY RUNOFF TO THE DOWNSTREAM POINT OF DISCHARGE OR UNTIL ALL UPLAND AREAS HAVE BEEN PERMANENTLY STABILIZED. (TYP.)

CONTRACTOR SHALL REFERENCE ARCH. PLANS FOR EXACT DEMOLITION INFORMATION.

TYPE II, REINFORCED SILT FENCE PER DETAIL (TYP.)

APPROXIMATE LOCATION OF 25' X 50' ROCK CONSTRUCTION EXIT PER DETAIL. CONTRACTOR SHALL COORDINATE EXACT LOCATION WITH OWNER PRIOR TO CONSTRUCTION AND ANY LAND DISTURBING ACTIVITIES.

SURVEY LEGEND

| | |
|--------|---------------------------|
| CRF | CAPPED REBAR FOUND (1/2") |
| CRS | CAPPED REBAR SET (1/2") |
| T.B.M. | TEMPORARY BENCH MARK |
| RBF | REBAR FOUND |
| B/L | BUILDING LINE |
| CL | CENTERLINE |
| P/L | PROPERTY LINE |
| -X- | FENCE |
| R/W | RIGHT-OF-WAY |
| A.C. | AIR CONDITIONER |
| T-PED | TELEPHONE PEDESTAL |
| CATV | CABLE TELEVISION PEDESTAL |
| ⊙ | FIRE HYDRANT |
| P-BOX | POWER BOX |
| ⊖ | POWER POLE |
| ⊕ | SANITARY SEWER MANHOLE |
| WM | WATER METER |
| ⊕ | WATER VALVE |
| N/L | NOT LEGIBLE |
| —W— | UNDERGROUND WATER |
| —FOC— | UNDERGROUND FIBER OPTIC |

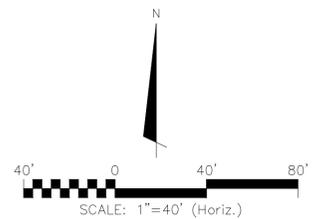
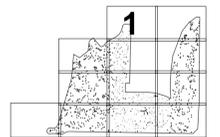
ENGINEERING ABBREVIATIONS

| | |
|------------|----------------------|
| A.L. | APPROXIMATE LOCATION |
| APPROX. | APPROXIMATE |
| ARCH. | ARCHITECTURAL |
| CONC. | CONCRETE |
| COORD. | COORDINATE |
| ELEC. | ELECTRICAL |
| EX./EXIST. | EXISTING |
| ELEV. | ELEVATION |
| FFE. | FINISHED FLOOR ELEV. |
| INV. | INVERT |
| LAND. | LANDSCAPING |
| MAX. | MAXIMUM |
| MIN. | MINIMUM |
| PLUMB. | PLUMBING |
| TYP. | TYPICAL |

EROSION CONTROL LEGEND

| | |
|-----|-----------------------------------|
| —H— | TYPE I SILT FENCE |
| —H— | TYPE II REINFORCED SILT FENCE |
| —>— | DIVERSION / BERM |
| -X- | SEDIMENT BASIN BAFFLE |
| — | OUTLET SKIMMER |
| ⊕ | SEDIMENTATION BASIN |
| ⊕ | ROCK CONSTRUCTION EXIT |
| ⊕ | CHANNEL LINING |
| ⊕ | 10' X 10' RIP RAP DISSIPATION PAD |
| ⊕ | 5' X 5' RIP RAP DISSIPATION PAD |

KEY MAP



| REV. NO. | DESCRIPTION | DATE |
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**BELLEAIR COUNTRY CLUB
 WEST COURSE IMPROVEMENTS**

EROSION AND SEDIMENT CONTROL PLAN

| | | |
|-----------------------------------|----------------------|--------------------------------|
| DATE: 11/12/20 | SCALE | C-2.1 DRAWING NUMBER |
| MCE PROJ. # 07334-0001 | HORIZONTAL: AS NOTED | |
| DRAWN: AM | VERTICAL: N/A | |
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| CHECKED: MDL | | |
| PROJ. MGR.: TLW | | |
| STATUS: ISSUED FOR BIDDING | | |

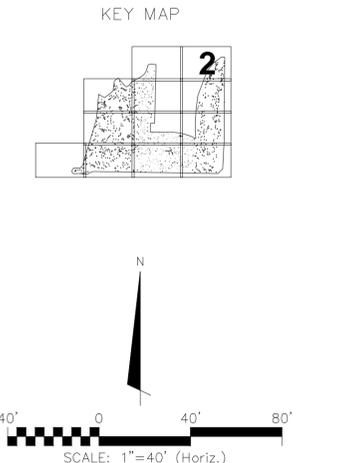
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- SURVEY LEGEND**
- CRF CAPPED REBAR FOUND (1/2")
 - CRS CAPPED REBAR SET (1/2")
 - T.B.M. TEMPORARY BENCH MARK
 - RBF REBAR FOUND
 - B/L BUILDING LINE
 - CL CENTERLINE
 - P/L PROPERTY LINE
 - X- FENCE
 - R/W RIGHT-OF-WAY
 - A.C. AIR CONDITIONER
 - T-PED TELEPHONE PEDESTAL
 - CATV CABLE TELEVISION PEDESTAL
 - Fire Hydrant FIRE HYDRANT
 - P-BOX POWER BOX
 - Power Pole POWER POLE
 - WM SANITARY SEWER MANHOLE
 - Water Meter WATER METER
 - Water Valve WATER VALVE
 - N/L NOT LEGIBLE
 - W UNDERGROUND WATER
 - FOC UNDERGROUND FIBER OPTIC

- ENGINEERING ABBREVIATIONS**
- A.L. APPROXIMATE LOCATION
 - APPROX. APPROXIMATE
 - ARCH. ARCHITECTURAL
 - CONC. CONCRETE
 - COORD. COORDINATE
 - ELEC. ELECTRICAL
 - EX./EXIST. EXISTING
 - ELEV. ELEVATION
 - FFE. FINISHED FLOOR ELEV.
 - INV. INVERT
 - LAND. LANDSCAPING
 - MAX. MAXIMUM
 - MIN. MINIMUM
 - PLUMB. PLUMBING
 - TYP. TYPICAL

- EROSION CONTROL LEGEND**
- Type I Silt Fence
 - Type II Reinforced Silt Fence
 - Diversion / Berm
 - Sediment Basin Baffle
 - Outlet Skimmer
 - Sediment Basin
 - Rock Construction Exit
 - Channel Lining
 - 10' x 10' Rip Rap Dissipation Pad
 - 5' x 5' Rip Rap Dissipation Pad



SILT SAVER "R-100A-HF" INLET PROTECTION (TYP.), PER MANUFACTURER'S SPECIFICATIONS.

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CONTRACTOR SHALL REFERENCE ARCH. PLANS FOR EXACT DEMOLITION INFORMATION.

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SURVEY LEGEND

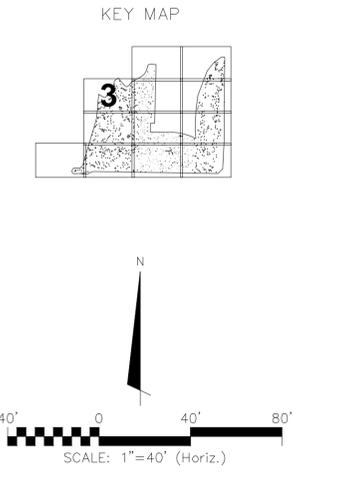
| | |
|--------|---------------------------|
| CRF | CAPPED REBAR FOUND (1/2") |
| CRS | CAPPED REBAR SET (1/2") |
| T.B.M. | TEMPORARY BENCH MARK |
| RBF | REBAR FOUND |
| B/L | BUILDING LINE |
| CL | CENTERLINE |
| P/L | PROPERTY LINE |
| -X- | FENCE |
| R/W | RIGHT-OF-WAY |
| A.C. | AIR CONDITIONER |
| T-PED | TELEPHONE PEDESTAL |
| CATV | CABLE TELEVISION PEDESTAL |
| ⦿ | FIRE HYDRANT |
| P-BOX | POWER BOX |
| ⊙ | POWER POLE |
| S | SANITARY SEWER MANHOLE |
| WM | WATER METER |
| ⊕ | WATER VALVE |
| N/L | NOT LEGIBLE |
| -W- | UNDERGROUND WATER |
| -FOC- | UNDERGROUND FIBER OPTIC |

ENGINEERING ABBREVIATIONS

| | |
|------------|----------------------|
| A.L. | APPROXIMATE LOCATION |
| APPROX. | APPROXIMATE |
| ARCH. | ARCHITECTURAL |
| CONC. | CONCRETE |
| COORD. | COORDINATE |
| ELEC. | ELECTRICAL |
| EX./EXIST. | EXISTING |
| ELEV. | ELEVATION |
| FFE. | FINISHED FLOOR ELEV. |
| INV. | INVERT |
| LAND. | LANDSCAPING |
| MAX. | MAXIMUM |
| MIN. | MINIMUM |
| PLUMB. | PLUMBING |
| TYP. | TYPICAL |

EROSION CONTROL LEGEND

| | |
|-------|-----------------------------------|
| —#— | TYPE I SILT FENCE |
| —#—#— | TYPE II REINFORCED SILT FENCE |
| → | DIVERSION / BERM |
| -X- | SEDIMENT BASIN BAFFLE |
| □ | OUTLET SKIMMER |
| ▭ | SEDIMENTATION BASIN |
| ▨ | ROCK CONSTRUCTION EXIT |
| ▧ | CHANNEL LINING |
| ■ | 10' X 10' RIP RAP DISSIPATION PAD |
| ■ | 5' X 5' RIP RAP DISSIPATION PAD |
| ⌒ | WINGED ENDWALL |



SILT SAVER "R-100A-HF" INLET PROTECTION (TYP.), PER MANUFACTURER'S SPECIFICATIONS.

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TYPE I SILT FENCE PER DETAIL (TYP.)

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CONTRACTOR SHALL REFERENCE ARCH. PLANS FOR EXACT DEMOLITION INFORMATION.

MIN. 10' X 10' RIP RAP DISSIPATION PAD PER DETAIL

TYPE II, REINFORCED SILT FENCE PER DETAIL (TYP.)

TEMPORARY 18" HDPE SEDIMENT BASIN OUTLET PIPE

TEMPORARY DIVERSION/BERM PER DETAIL (TYP.)

MIN. 10' X 10' RIP RAP DISSIPATION PAD PER DETAIL

TEMPORARY 18" HDPE SEDIMENT BASIN OUTLET PIPE

ALL AREAS WITHIN THE EXISTING/ACTIVE DRAINAGE CHANNEL SHALL BE STABILIZED AT THE END OF EACH WORKING DAY (TYP.)

APPROX. LOCATION OF TEMPORARY SEDIMENT BASIN PER DETAIL (TYP.).

SEDIMENT BASIN SHALL BE SIZED TO ACCOMMODATE UPSTREAM DISTURBED CONTRIBUTING AREA SUCH THAT THE POND CAN ACCOMMODATE 3,600 CF OF STORAGE PER ACRE OF DISTURBED AREA. POND AS SHOWN HERE HAS A POTENTIAL UPSTREAM DISTURBED AREA OF ±5.0 ACRES, BASED ON FINAL GRADES ONLY, WHICH WOULD REQUIRE A 3' DEEP POND WITH DIMENSIONS OF APPROXIMATELY 55' X 110'. CONTRACTOR SHALL REFERENCE DETAILS AS WELL AS THE "FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL" FOR ADDITIONAL REQUIREMENTS.

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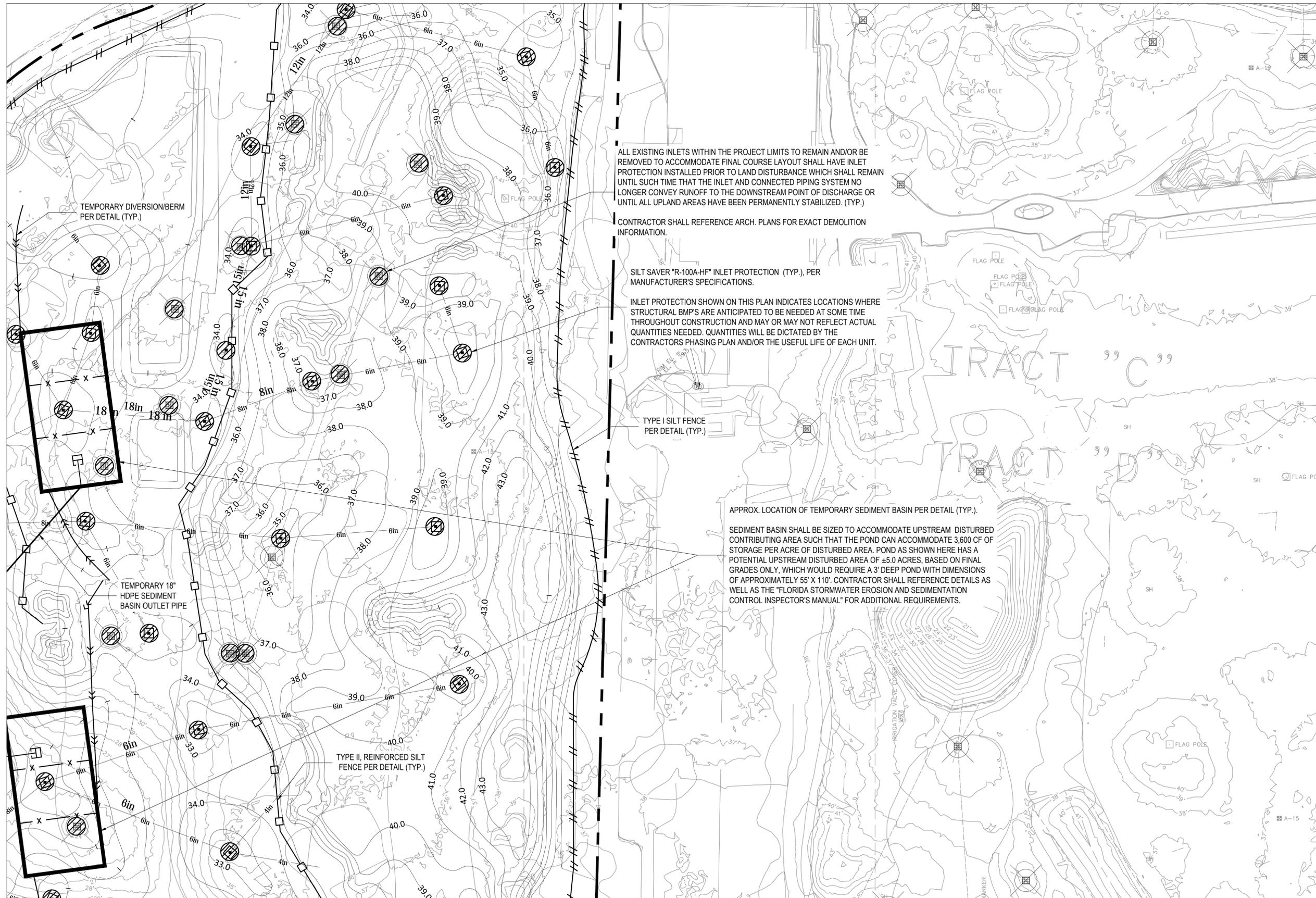
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EROSION AND SEDIMENT CONTROL PLAN

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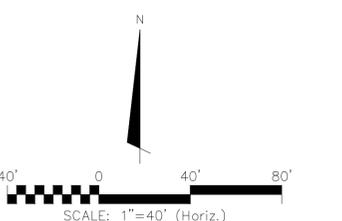
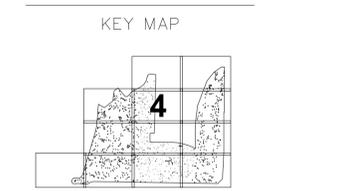
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 - T.B.M. TEMPORARY BENCH MARK
 - RBF REBAR FOUND
 - B/L BUILDING LINE
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 - X- FENCE
 - R/W RIGHT-OF-WAY
 - A.C. AIR CONDITIONER
 - T-PED TELEPHONE PEDESTAL
 - CATV CABLE TELEVISION PEDESTAL
 - FDH FIRE HYDRANT
 - P-BOX POWER BOX
 - POW POWER POLE
 - SS SANITARY SEWER MANHOLE
 - WM WATER METER
 - WV WATER VALVE
 - N/L NOT LEGIBLE
 - UW UNDERGROUND WATER
 - FOC UNDERGROUND FIBER OPTIC

- ENGINEERING ABBREVIATIONS**
- A.L. APPROXIMATE LOCATION
 - APPROX. APPROXIMATE
 - ARCH. ARCHITECTURAL
 - CONC. CONCRETE
 - COORD. COORDINATE
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 - EX./EXIST. EXISTING
 - ELEV. ELEVATION
 - FFE. FINISHED FLOOR ELEV.
 - INV. INVERT
 - LAND. LANDSCAPING
 - MAX. MAXIMUM
 - MIN. MINIMUM
 - PLUMB. PLUMBING
 - TYP. TYPICAL

- EROSION CONTROL LEGEND**
- || TYPE I SILT FENCE
 - ||| TYPE II REINFORCED SILT FENCE
 - DIVERSION / BERM
 - X SEDIMENT BASIN BAFFLE
 - OUTLET SKIMMER
 - ▭ SEDIMENT BASIN
 - ▨ ROCK CONSTRUCTION EXIT
 - ▧ CHANNEL LINING
 - 10' X 10' RIP RAP DISSIPATION PAD
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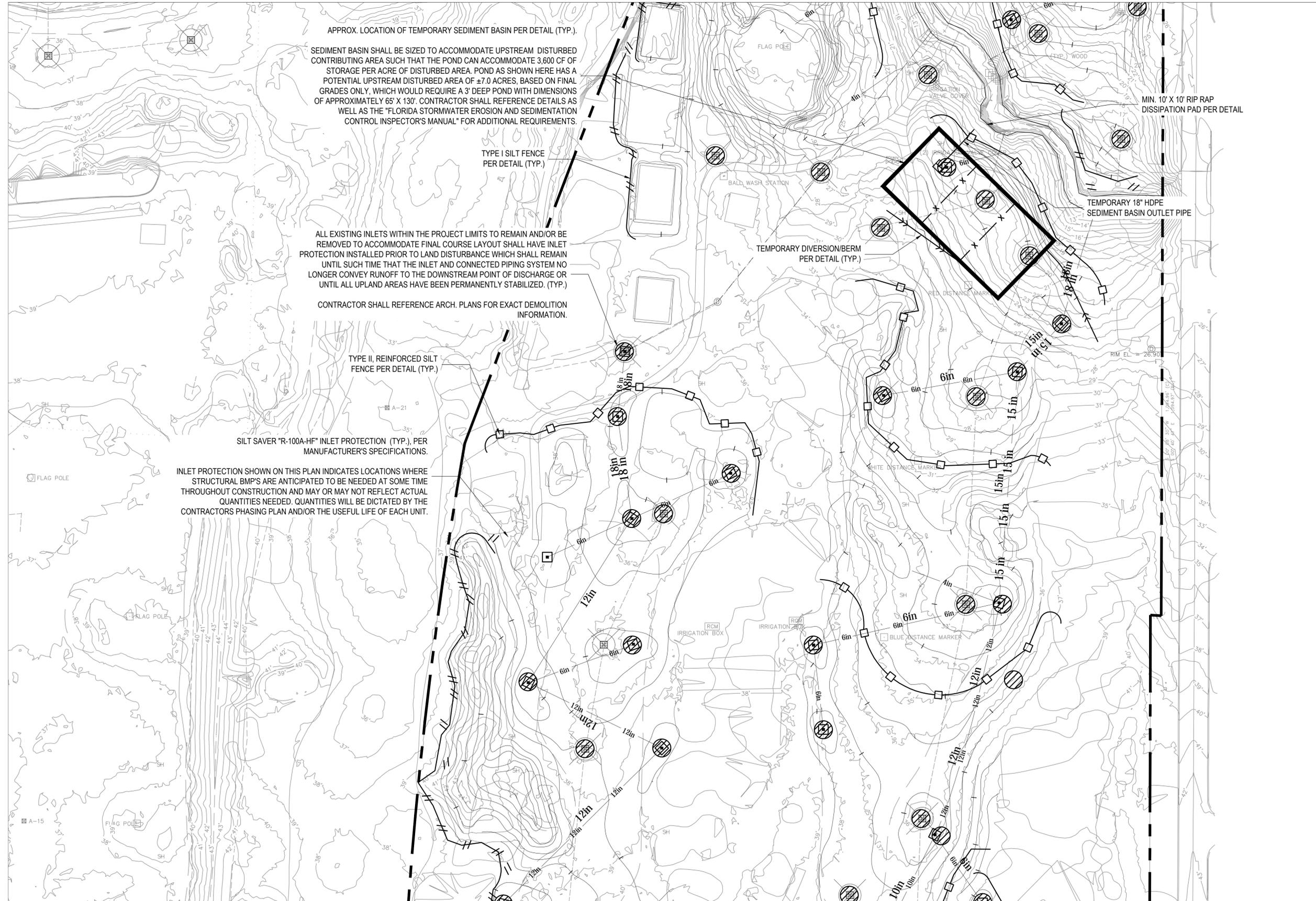
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| CHECKED: MDL | | |
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APPROX. LOCATION OF TEMPORARY SEDIMENT BASIN PER DETAIL (TYP.).

SEDIMENT BASIN SHALL BE SIZED TO ACCOMMODATE UPSTREAM DISTURBED CONTRIBUTING AREA SUCH THAT THE POND CAN ACCOMMODATE 3,600 CF OF STORAGE PER ACRE OF DISTURBED AREA. POND AS SHOWN HERE HAS A POTENTIAL UPSTREAM DISTURBED AREA OF ±7.0 ACRES, BASED ON FINAL GRADES ONLY, WHICH WOULD REQUIRE A 3' DEEP POND WITH DIMENSIONS OF APPROXIMATELY 65' X 130'. CONTRACTOR SHALL REFERENCE DETAILS AS WELL AS THE "FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL" FOR ADDITIONAL REQUIREMENTS.

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SURVEY LEGEND

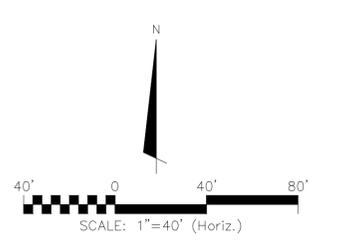
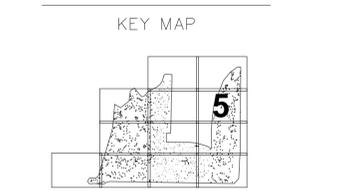
| | |
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| P/L | PROPERTY LINE |
| -X- | FENCE |
| R/W | RIGHT-OF-WAY |
| A.C. | AIR CONDITIONER |
| T-PED | TELEPHONE PEDESTAL |
| CATV | CABLE TELEVISION PEDESTAL |
| ⊙ | FIRE HYDRANT |
| P-BOX | POWER BOX |
| ⊕ | POWER POLE |
| S | SANITARY SEWER MANHOLE |
| WM | WATER METER |
| ⊕ | WATER VALVE |
| N/L | NOT LEGIBLE |
| -W- | UNDERGROUND WATER |
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ENGINEERING ABBREVIATIONS

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EROSION CONTROL LEGEND

| | |
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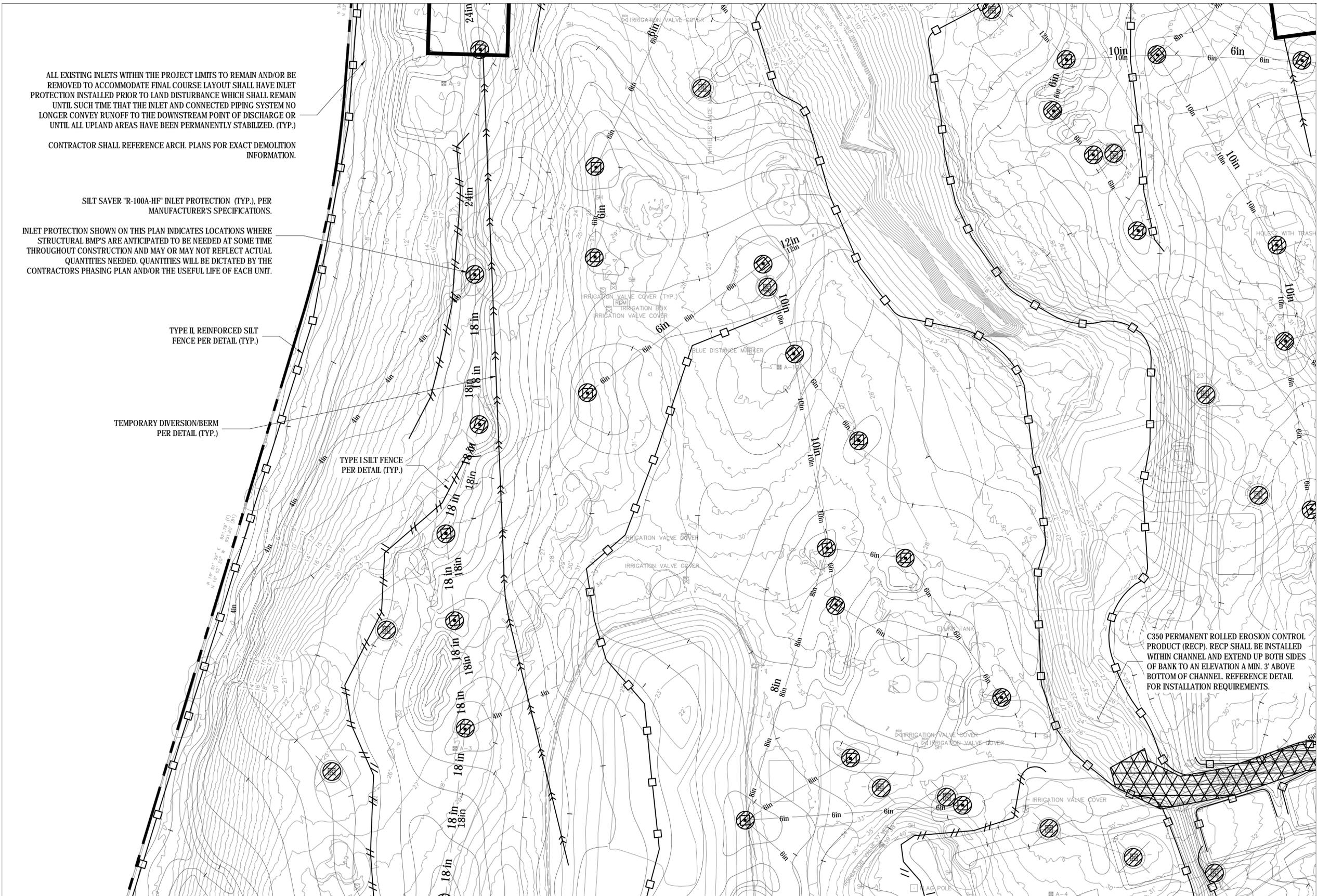
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WEST COURSE IMPROVEMENTS**

EROSION AND SEDIMENT CONTROL PLAN

| | | | |
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| MCE PROJ. #: | 07334-001 | HORIZONTAL: | C-2.5 |
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| DESIGNED: | MDL | VERTICAL: | 00 |
| CHECKED: | MDL | N/A: | REVISION |
| PROJ. MGR.: | TLW | | |

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CONTRACTOR SHALL REFERENCE ARCH. PLANS FOR EXACT DEMOLITION INFORMATION.

SILT SAVER "R-100A-HF" INLET PROTECTION (TYP.) PER MANUFACTURER'S SPECIFICATIONS.

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TYPE II REINFORCED SILT FENCE PER DETAIL (TYP.)

TEMPORARY DIVERSION/BERM PER DETAIL (TYP.)

TYPE I SILT FENCE PER DETAIL (TYP.)

C350 PERMANENT ROLLED EROSION CONTROL PRODUCT (RECP) SHALL BE INSTALLED WITHIN CHANNEL AND EXTEND UP BOTH SIDES OF BANK TO AN ELEVATION A MIN. 3' ABOVE BOTTOM OF CHANNEL. REFERENCE DETAIL FOR INSTALLATION REQUIREMENTS.

SURVEY LEGEND

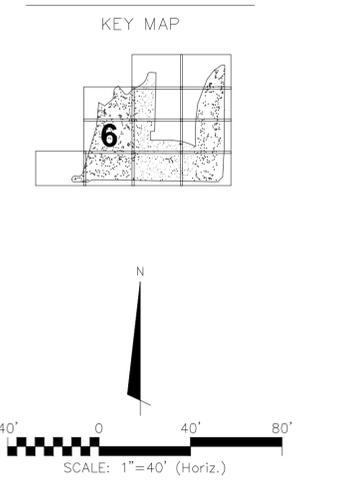
| | |
|--------|---------------------------|
| CRF | CAPPED REBAR FOUND (1/2") |
| CRS | CAPPED REBAR SET (1/2") |
| T.B.M. | TEMPORARY BENCH MARK |
| RBF | REBAR FOUND |
| B/L | BUILDING LINE |
| CL | CENTERLINE |
| P/L | PROPERTY LINE |
| -X- | FENCE |
| R/W | RIGHT-OF-WAY |
| A.C. | AIR CONDITIONER |
| T-PED | TELEPHONE PEDESTAL |
| CATV | CABLE TELEVISION PEDESTAL |
| ⊙ | FIRE HYDRANT |
| P-BOX | POWER BOX |
| ⊕ | POWER POLE |
| S | SANITARY SEWER MANHOLE |
| WM | WATER METER |
| ⊕ | WATER VALVE |
| N/L | NOT LEGIBLE |
| -W- | UNDERGROUND WATER |
| -FOC- | UNDERGROUND FIBER OPTIC |

ENGINEERING ABBREVIATIONS

| | |
|------------|----------------------|
| A.L. | APPROXIMATE LOCATION |
| APPROX. | APPROXIMATE |
| ARCH. | ARCHITECTURAL |
| CONC. | CONCRETE |
| COORD. | COORDINATE |
| ELEC. | ELECTRICAL |
| EX./EXIST. | EXISTING |
| ELEV. | ELEVATION |
| FFE. | FINISHED FLOOR ELEV. |
| INV. | INVERT |
| LAND. | LANDSCAPING |
| MAX. | MAXIMUM |
| MIN. | MINIMUM |
| PLUMB. | PLUMBING |
| TYP. | TYPICAL |

EROSION CONTROL LEGEND

| | |
|-----|-----------------------------------|
| | TYPE I SILT FENCE |
| | TYPE II REINFORCED SILT FENCE |
| → | DIVERSION / BERM |
| -X- | SEDIMENT BASIN BAFFLE |
| □ | OUTLET SKIMMER |
| ▭ | SEDIMENTATION BASIN |
| ▨ | ROCK CONSTRUCTION EXIT |
| ▧ | CHANNEL LINING |
| ■ | 10' X 10' RIP RAP DISSIPATION PAD |
| ■ | 5' X 5' RIP RAP DISSIPATION PAD |



| REV. NO. | DESCRIPTION | DATE |
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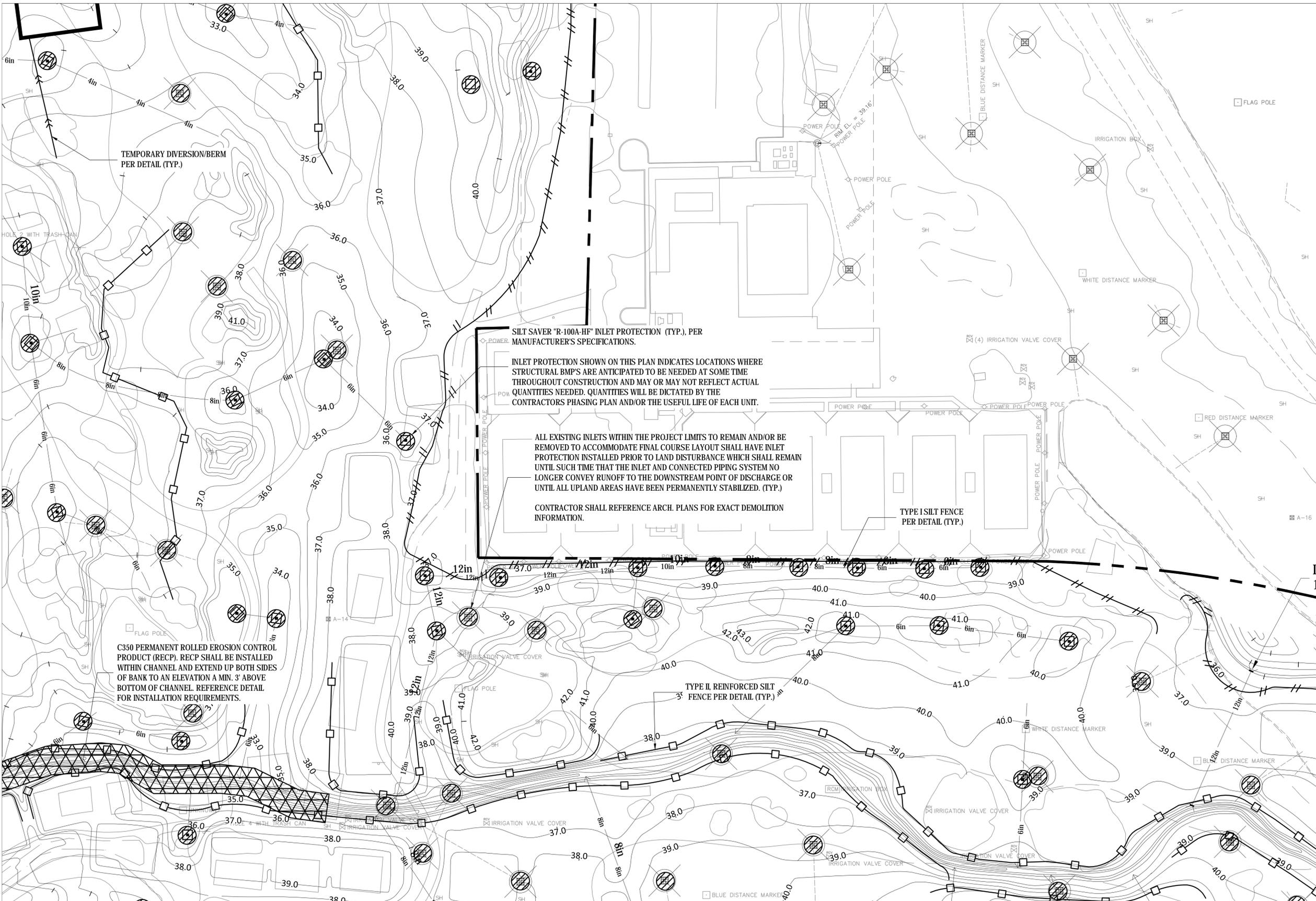
**BELLEAIR COUNTRY CLUB
WEST COURSE IMPROVEMENTS**

EROSION AND SEDIMENT CONTROL PLAN

| | |
|-------------|------------|
| DATE: | 11/12/20 |
| MCE PROJ. # | 07334-0001 |
| DRAWN: | AM |
| DESIGNED: | MDL |
| CHECKED: | MDL |
| PROJ. MGR.: | TLW |

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| VERTICAL: | |
| SCALE | 00 REVISION |
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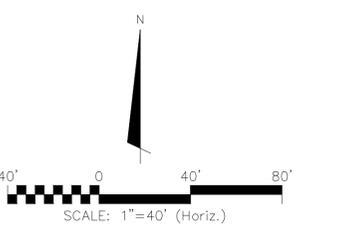
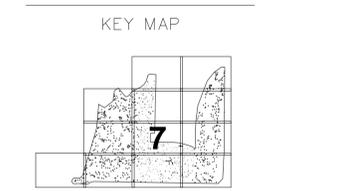
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 - R/W RIGHT-OF-WAY
 - A.C. AIR CONDITIONER
 - T-PED TELEPHONE PEDESTAL
 - CATV CABLE TELEVISION PEDESTAL
 - FIRE HYDRANT FIRE HYDRANT
 - P-BOX POWER BOX
 - POWER POLE POWER POLE
 - WM WATER METER
 - WATER VALVE WATER VALVE
 - N/L NOT LEGIBLE
 - W UNDERGROUND WATER
 - FOC UNDERGROUND FIBER OPTIC

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TEMPORARY DIVERSION/BERM PER DETAIL (TYP.)

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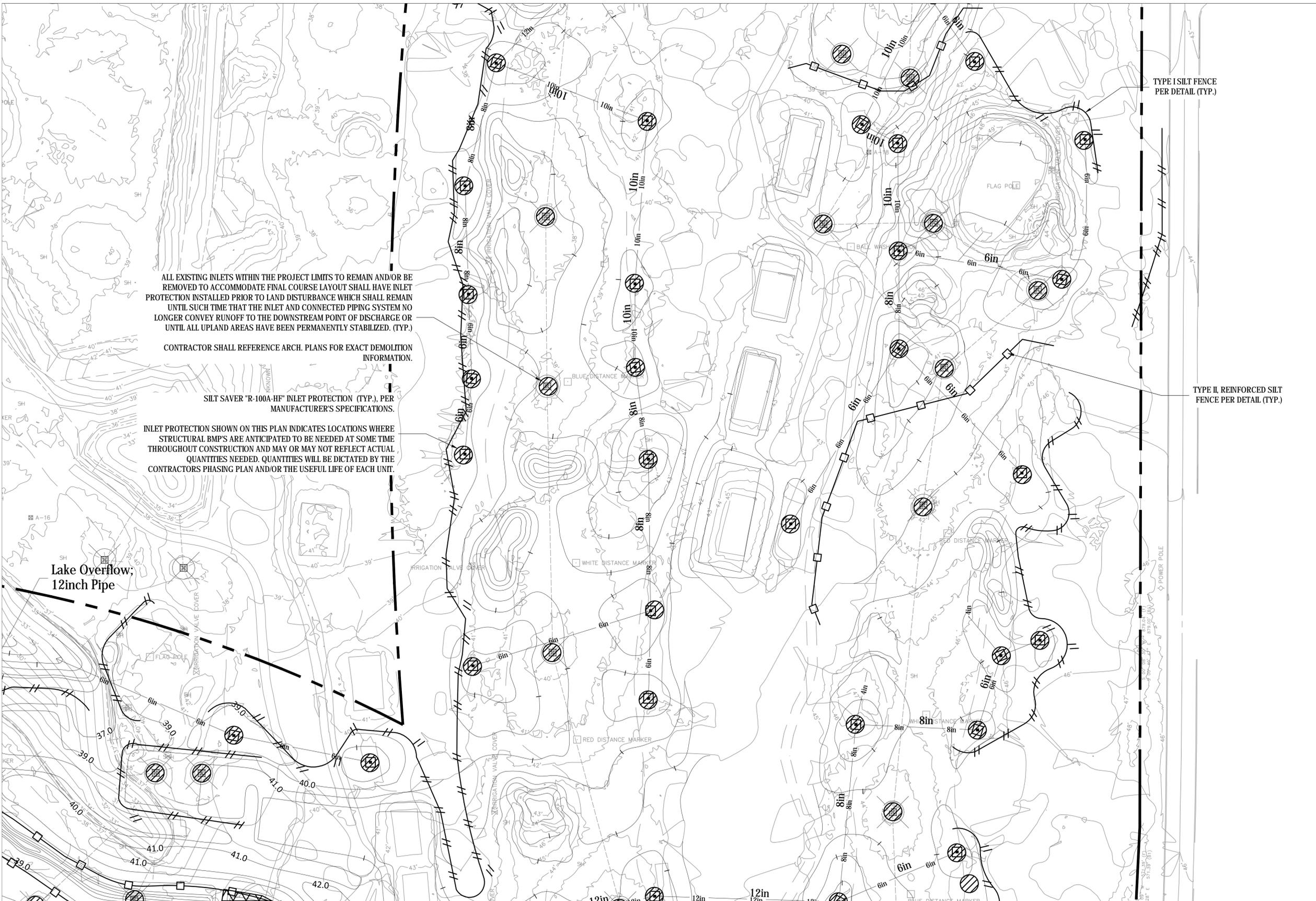
**BELLEAIR COUNTRY CLUB
 WEST COURSE IMPROVEMENTS**

EROSION AND SEDIMENT CONTROL PLAN

| | | | |
|--------------|------------|-------------|-------|
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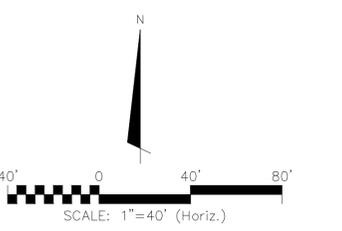
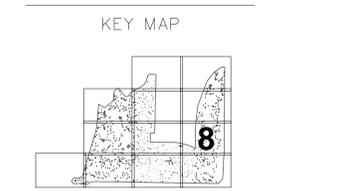
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Lake Overflow,
12inch Pipe

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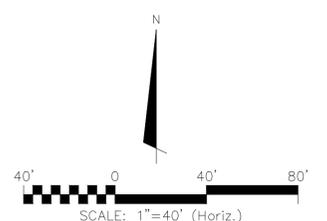
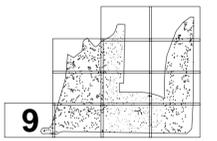
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EROSION CONTROL LEGEND

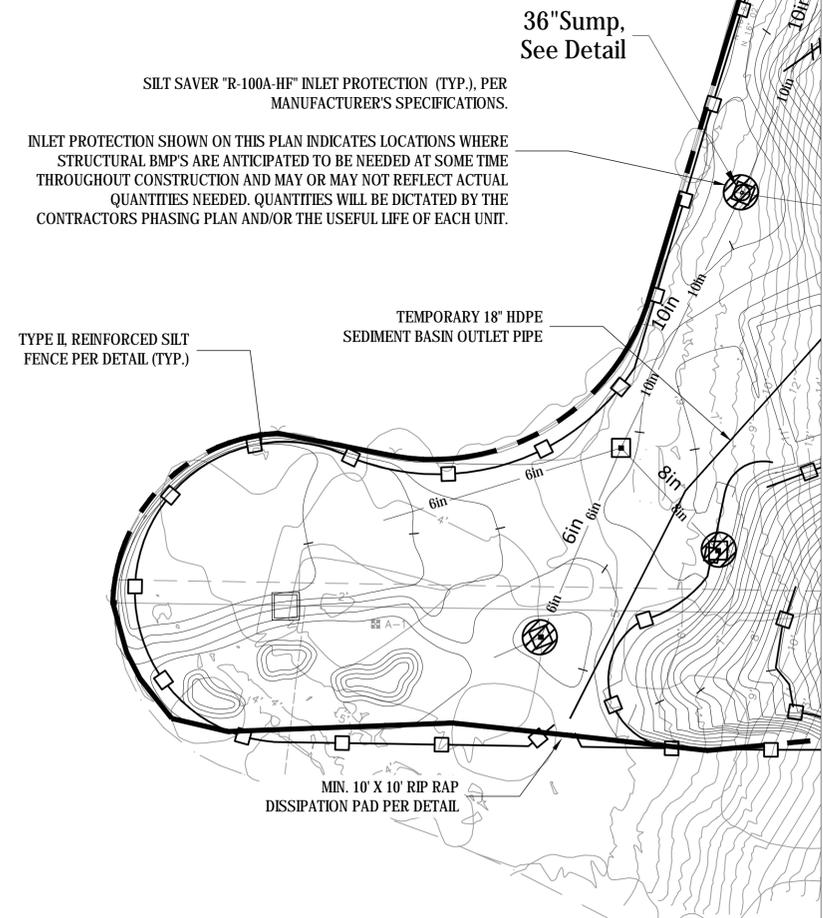
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KEY MAP



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TYPE II, REINFORCED SILT FENCE PER DETAIL (TYP.)

TEMPORARY 18" HDPE SEDIMENT BASIN OUTLET PIPE

MIN. 10' X 10' RIP RAP DISSIPATION PAD PER DETAIL

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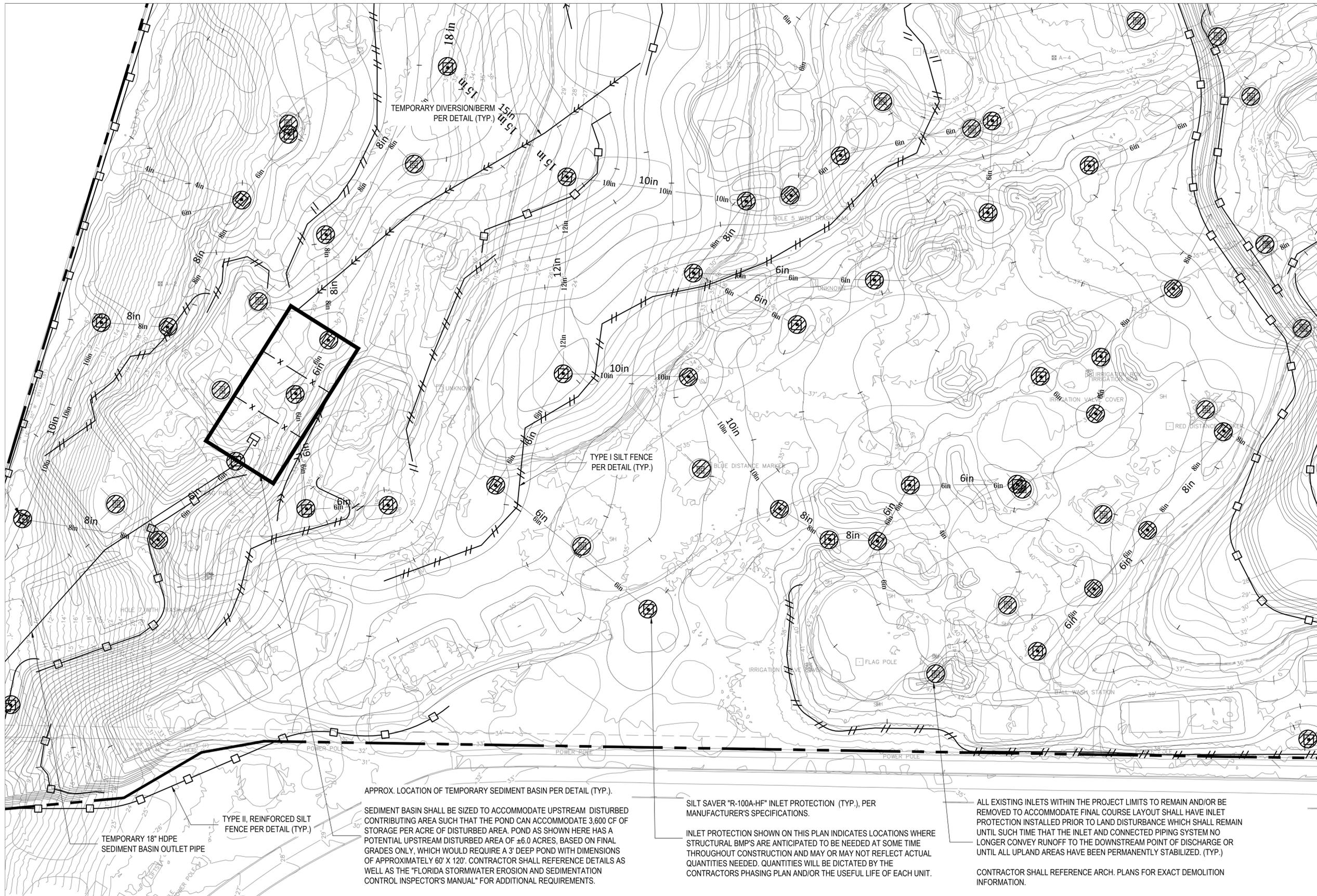
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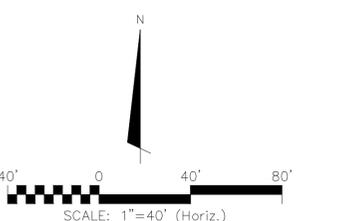
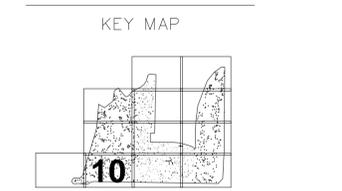
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APPROX. LOCATION OF TEMPORARY SEDIMENT BASIN PER DETAIL (TYP.)

SEDIMENT BASIN SHALL BE SIZED TO ACCOMMODATE UPSTREAM DISTURBED CONTRIBUTING AREA SUCH THAT THE POND CAN ACCOMMODATE 3,600 CF OF STORAGE PER ACRE OF DISTURBED AREA. POND AS SHOWN HERE HAS A POTENTIAL UPSTREAM DISTURBED AREA OF ±6.0 ACRES, BASED ON FINAL GRADES ONLY, WHICH WOULD REQUIRE A 3' DEEP POND WITH DIMENSIONS OF APPROXIMATELY 60' X 120'. CONTRACTOR SHALL REFERENCE DETAILS AS WELL AS THE "FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL" FOR ADDITIONAL REQUIREMENTS.

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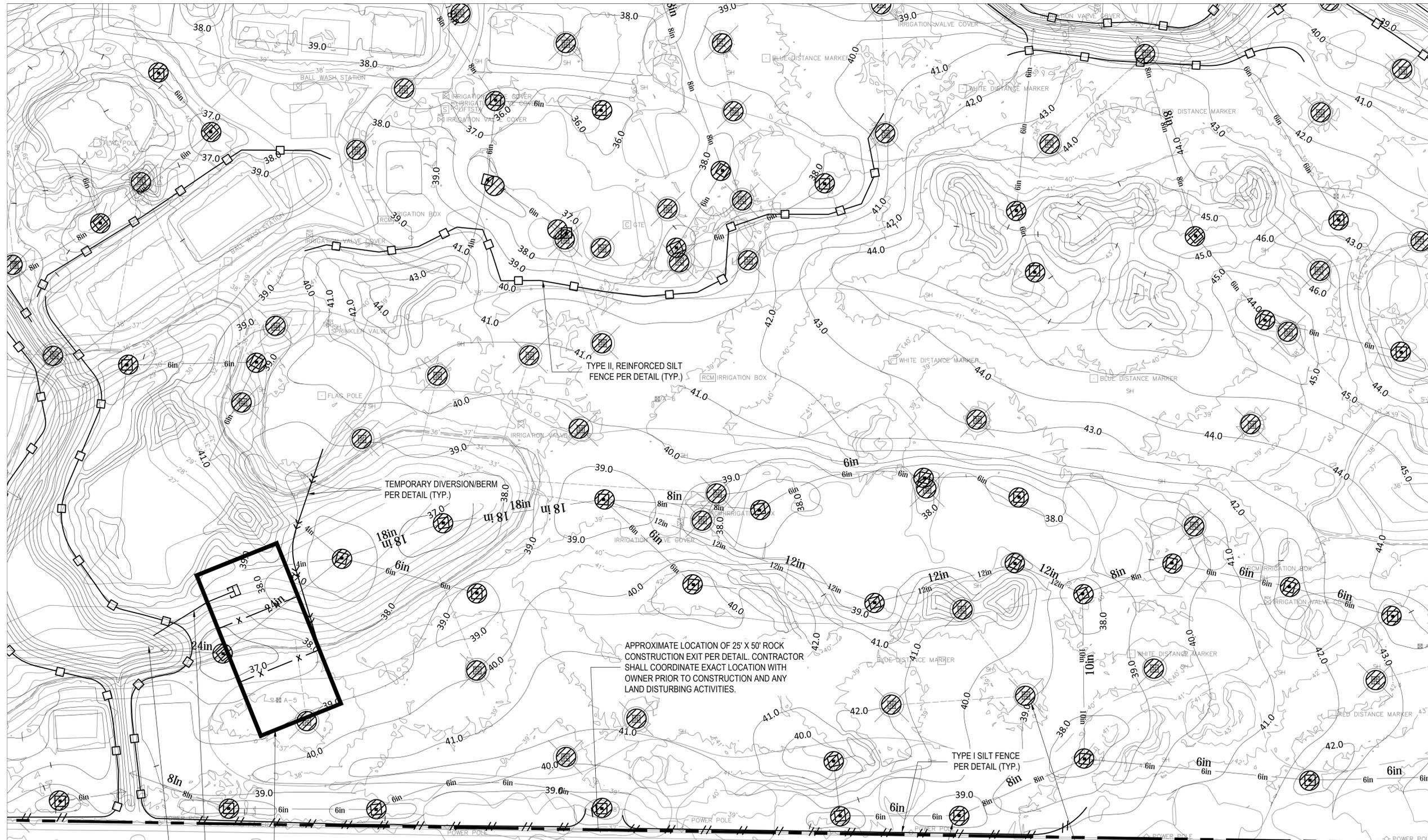
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EROSION AND SEDIMENT CONTROL PLAN

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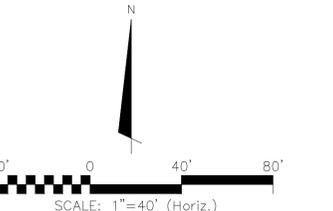
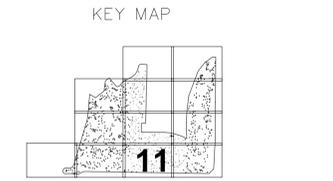
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 - B/L BUILDING LINE
 - CL CENTERLINE
 - P/L PROPERTY LINE
 - X- FENCE
 - R/W RIGHT-OF-WAY
 - A.C. AIR CONDITIONER
 - T-PED TELEPHONE PEDESTAL
 - CATV CABLE TELEVISION PEDESTAL
 - Fire Hydrant FIRE HYDRANT
 - P-BOX POWER BOX
 - Power Pole POWER POLE
 - S SANITARY SEWER MANHOLE
 - WM WATER METER
 - Water Valve WATER VALVE
 - N/L NOT LEGIBLE
 - W UNDERGROUND WATER
 - FOC UNDERGROUND FIBER OPTIC

- ENGINEERING ABBREVIATIONS**
- A.L. APPROXIMATE LOCATION
 - APPROX. APPROXIMATE
 - ARCH. ARCHITECTURAL
 - CONC. CONCRETE
 - COORD. COORDINATE
 - ELEC. ELECTRICAL
 - EX./EXIST. EXISTING
 - ELEV. ELEVATION
 - FFE. FINISHED FLOOR ELEV.
 - INVERT
 - LAND. LANDSCAPING
 - MAX. MAXIMUM
 - MIN. MINIMUM
 - PLUMB. PLUMBING
 - TYP. TYPICAL

- EROSION CONTROL LEGEND**
- Type I Silt Fence
 - Type II Reinforced Silt Fence
 - Diversion / Berm
 - Sediment Basin Baffle
 - Outlet Skimmer
 - Sediment Basin
 - Rock Construction Exit
 - Channel Lining
 - 10' X 10' RIP RAP DISSIPATION PAD
 - 5' X 5' RIP RAP DISSIPATION PAD



APPROX. LOCATION OF TEMPORARY SEDIMENT BASIN PER DETAIL (TYP.).

SEDIMENT BASIN SHALL BE SIZED TO ACCOMMODATE UPSTREAM DISTURBED CONTRIBUTING AREA SUCH THAT THE POND CAN ACCOMMODATE 3,600 CF OF STORAGE PER ACRE OF DISTURBED AREA. POND AS SHOWN HERE HAS A POTENTIAL UPSTREAM DISTURBED AREA OF ±8.0 ACRES, BASED ON FINAL GRADES ONLY, WHICH WOULD REQUIRE A 3' DEEP POND WITH DIMENSIONS OF APPROXIMATELY 70' X 140'. CONTRACTOR SHALL REFERENCE DETAILS AS WELL AS THE "FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL" FOR ADDITIONAL REQUIREMENTS.

APPROXIMATE LOCATION OF 25' X 50' ROCK CONSTRUCTION EXIT PER DETAIL. CONTRACTOR SHALL COORDINATE EXACT LOCATION WITH OWNER PRIOR TO CONSTRUCTION AND ANY LAND DISTURBING ACTIVITIES.

SILT SAVER "R-100A-HF" INLET PROTECTION (TYP.), PER MANUFACTURER'S SPECIFICATIONS.

INLET PROTECTION SHOWN ON THIS PLAN INDICATES LOCATIONS WHERE STRUCTURAL BMP'S ARE ANTICIPATED TO BE NEEDED AT SOME TIME THROUGHOUT CONSTRUCTION AND MAY OR MAY NOT REFLECT ACTUAL QUANTITIES NEEDED. QUANTITIES WILL BE DICTATED BY THE CONTRACTORS PHASING PLAN AND/OR THE USEFUL LIFE OF EACH UNIT.

ALL EXISTING INLETS WITHIN THE PROJECT LIMITS TO REMAIN AND/OR BE REMOVED TO ACCOMMODATE FINAL COURSE LAYOUT SHALL HAVE INLET PROTECTION INSTALLED PRIOR TO LAND DISTURBANCE WHICH SHALL REMAIN UNTIL SUCH TIME THAT THE INLET AND CONNECTED PIPING SYSTEM NO LONGER CONVEY RUNOFF TO THE DOWNSTREAM POINT OF DISCHARGE OR UNTIL ALL UPLAND AREAS HAVE BEEN PERMANENTLY STABILIZED. (TYP.)

CONTRACTOR SHALL REFERENCE ARCH. PLANS FOR EXACT DEMOLITION INFORMATION.

| REV. NO. | DESCRIPTION | DATE |
|-----------|-------------------------------------|------------|
| 01 | ADJUSTED INLET PROTECTION LOCATIONS | 12/03/2020 |
| REVISIONS | | |

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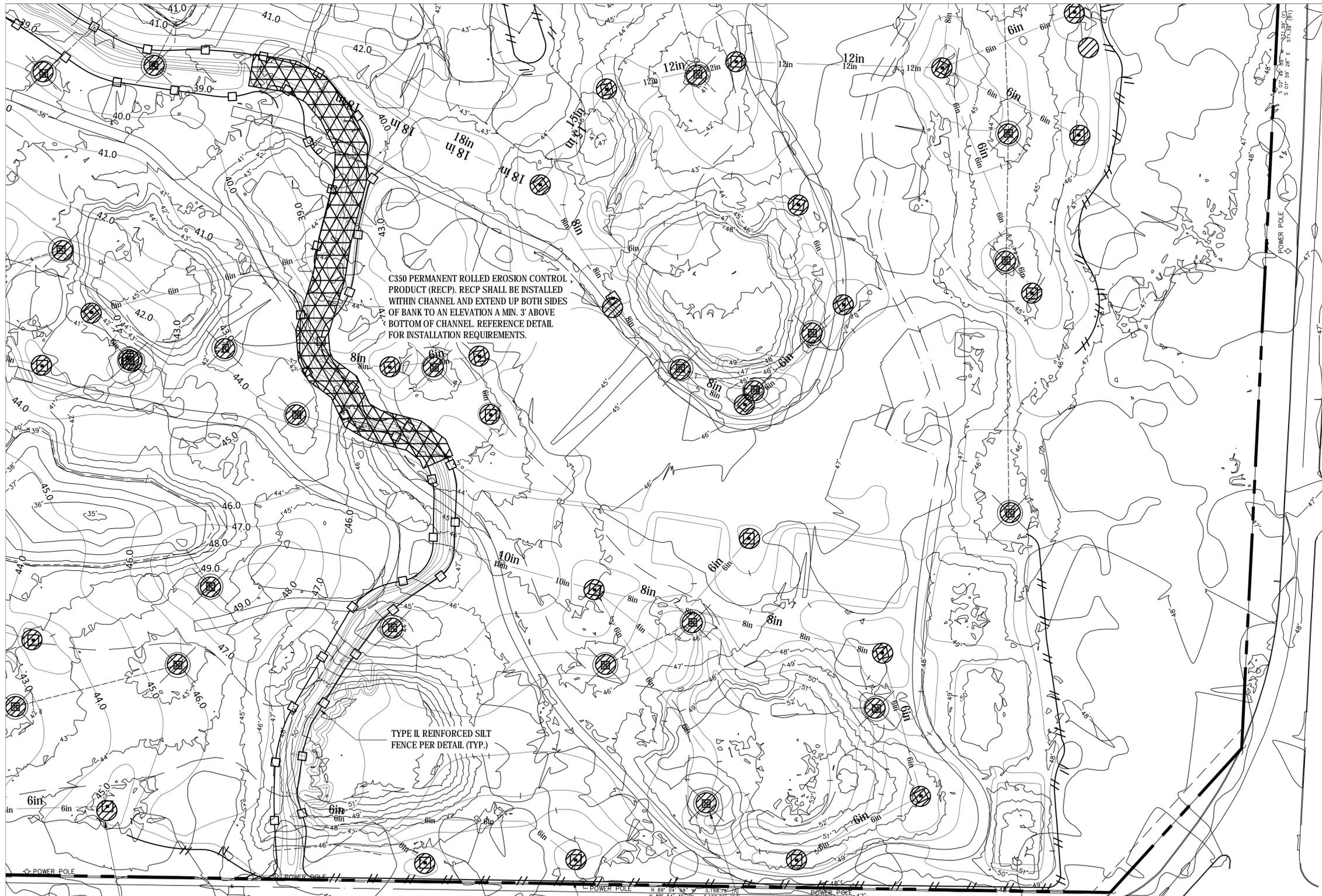
**BELLEAIR COUNTRY CLUB
WEST COURSE IMPROVEMENTS**

EROSION AND SEDIMENT CONTROL PLAN

| | |
|-----------------------|---------------------------|
| DATE: 11/12/20 | SCALE: HORIZONTAL: C-2.11 |
| MCE PROJ.# 07334-0001 | AS NOTED |
| DRAWN: AM | VERTICAL: N/A |
| DESIGNED: MDL | DRAWING NUMBER: 00 |
| CHECKED: MDL | REVISION: |
| PROJ. MGR.: TLW | |

STATUS: ISSUED FOR BIDDING

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ALL EXISTING INLETS WITHIN THE PROJECT LIMITS TO REMAIN AND/OR BE REMOVED TO ACCOMMODATE FINAL COURSE LAYOUT SHALL HAVE INLET PROTECTION INSTALLED PRIOR TO LAND DISTURBANCE WHICH SHALL REMAIN UNTIL SUCH TIME THAT THE INLET AND CONNECTED PIPING SYSTEM NO LONGER CONVEY RUNOFF TO THE DOWNSTREAM POINT OF DISCHARGE OR UNTIL ALL UPLAND AREAS HAVE BEEN PERMANENTLY STABILIZED. (TYP.)

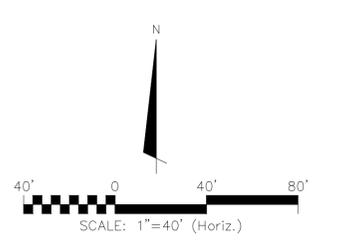
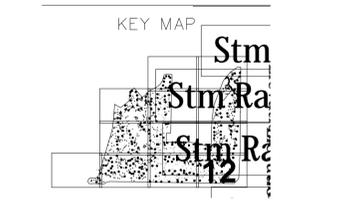
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- SURVEY LEGEND**
- CRF CAPPED REBAR FOUND (1/2")
 - CRS CAPPED REBAR SET (1/2")
 - T.B.M. TEMPORARY BENCH MARK
 - RBF REBAR FOUND
 - B/L BUILDING LINE
 - CL CENTERLINE
 - P/L PROPERTY LINE
 - X- FENCE
 - R/W RIGHT-OF-WAY
 - A.C. AIR CONDITIONER
 - T-PED TELEPHONE PEDESTAL
 - CATV CABLE TELEVISION PEDESTAL
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- ENGINEERING ABBREVIATIONS**
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 - INVERT
 - LAND. LANDSCAPING
 - MAX. MAXIMUM
 - MIN. MINIMUM
 - PLUMB. PLUMBING
 - TYP. TYPICAL

- EROSION CONTROL LEGEND**
- TYPE I SILT FENCE
 - TYPE II REINFORCED SILT FENCE
 - DIVERSION / BERM
 - SEDIMENT BASIN BAFFLE
 - OUTLET SKIMMER
 - SEDIMENTATION BASIN
 - ROCK CONSTRUCTION EXIT
 - CHANNEL LINING
 - 10' X 10' RIP RAP DISSIPATION PAD
 - 5' X 5' RIP RAP DISSIPATION PAD



| REV. NO. | DESCRIPTION | DATE |
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| 01 | ADJUSTED INLET PROTECTION LOCATIONS | 12/03/2020 |
| REVISIONS | | |

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WEST COURSE IMPROVEMENTS**

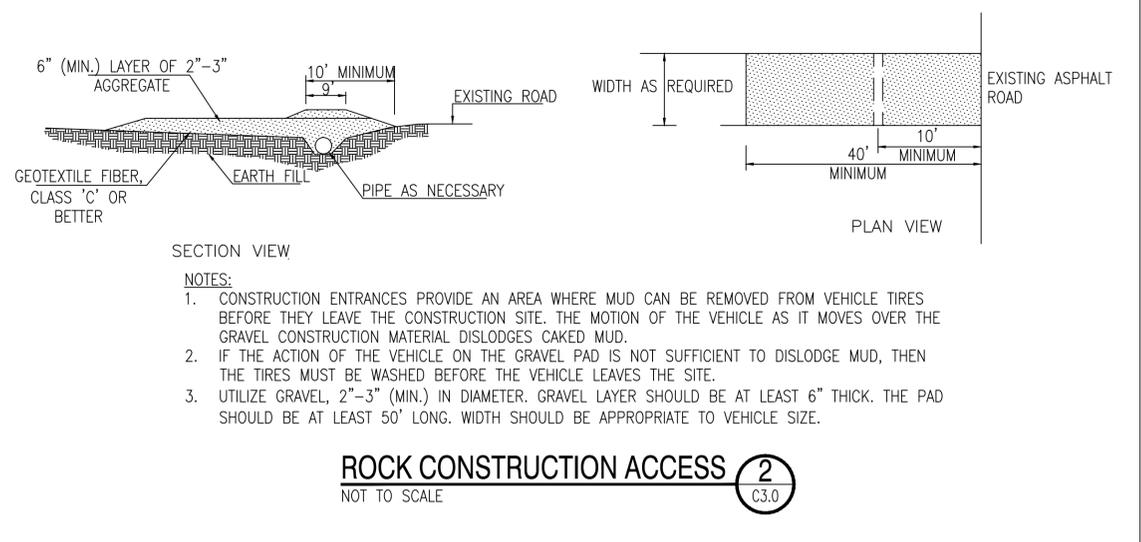
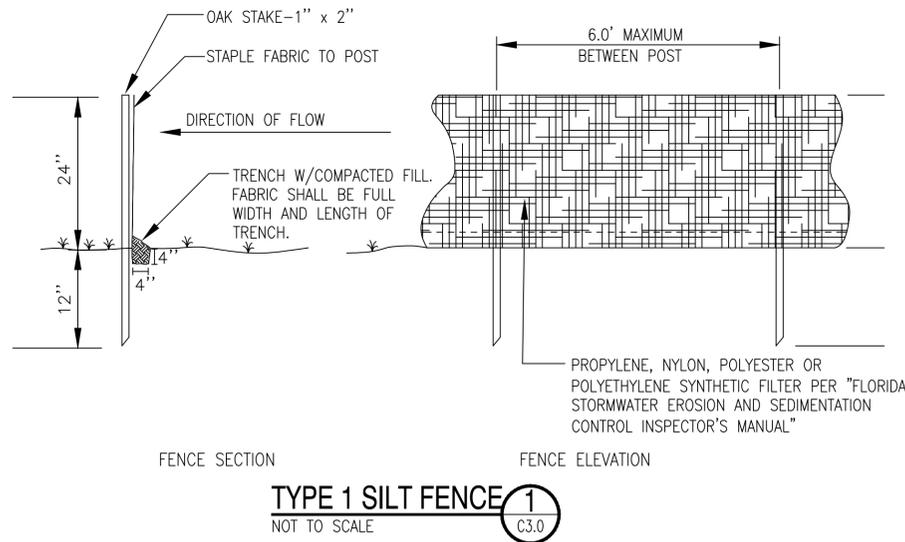
EROSION AND SEDIMENT CONTROL PLAN

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PROJ. MGR.: TLW

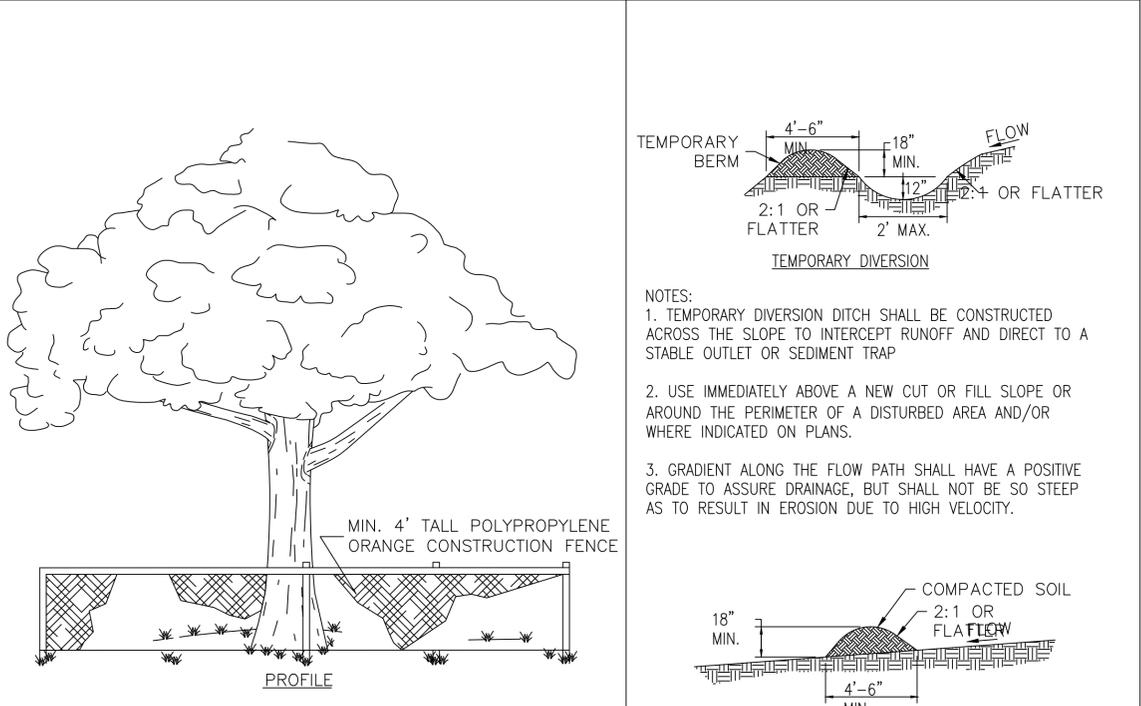
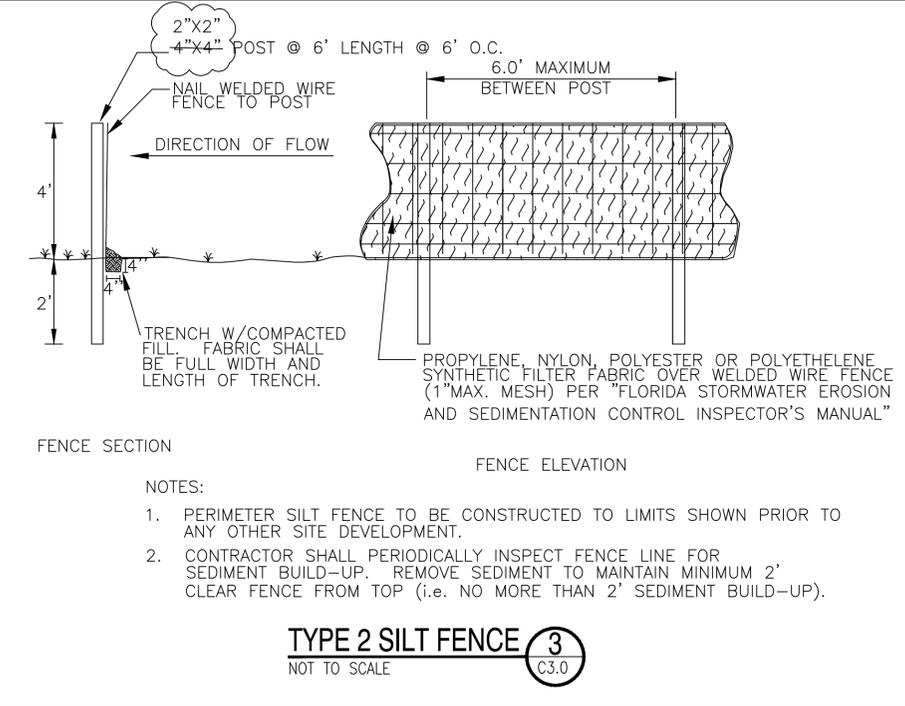
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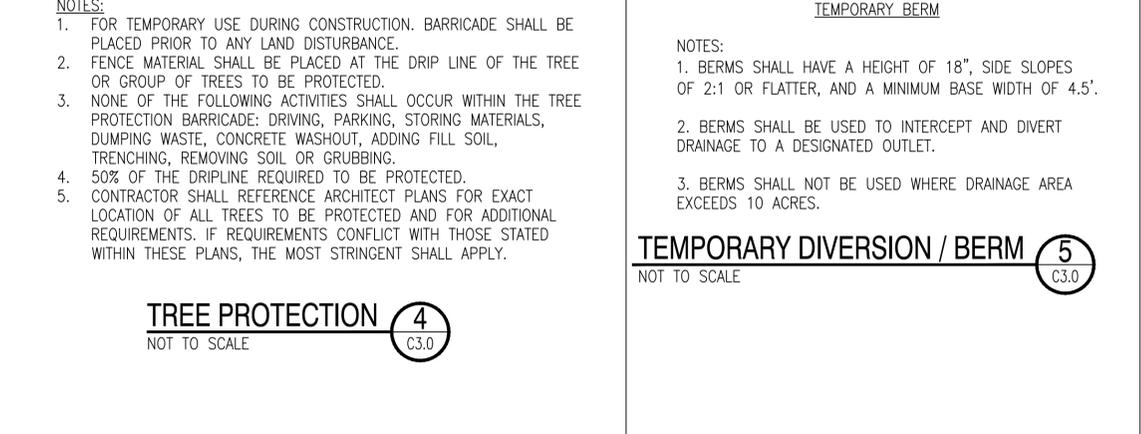
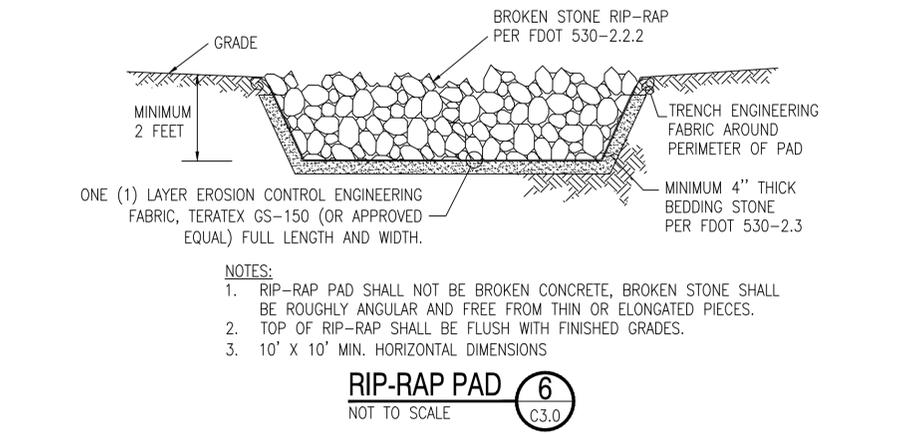
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- GENERAL NOTES FOR EROSION AND SEDIMENT CONTROL**
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION (PRIOR TO CONSTRUCTION) AND MAINTENANCE/REPAIRS OF (DURING CONSTRUCTION) EROSION AND SEDIMENT CONTROL MEASURES AS REQUIRED TO RETAIN ALL SEDIMENT AND EROSION ON THE SITE OF DEVELOPMENT. THE PROVISIONS SHOWN HEREIN REPRESENT THE MINIMUM EROSION CONTROL MEASURES TO BE TAKEN.
 - ALL SOIL WASHED, DROPPED, SPILLED, OR TRACKED OUTSIDE THE SITE OR ONTO PUBLIC RIGHTS-OF-WAY WILL BE REMOVED IMMEDIATELY.
 - ALL AREAS OF DISTURBANCE SHALL BE TREATED AS APPROPRIATE TO PREVENT THE GENERATION OF DUST.
 - AT THE TIME OF SITE PREPARATION FOR PERMANENT VEGETATIVE STABILIZATION, ANY SOIL THAT WILL NOT PROVIDE A SUITABLE ENVIRONMENT TO SUPPORT PERMANENT COVER SHALL BE REMOVED OR TREATED IN SUCH A WAY THAT WILL PERMANENTLY ADJUST THE SOIL CONDITIONS AND RENDER IT SUITABLE FOR PERMANENT COVER. IF THE REMOVAL OR TREATMENT OF THE SOIL WILL NOT PROVIDE SUITABLE CONDITIONS, NON-VEGETATIVE MEANS OF PERMANENT GROUND STABILIZATION SHALL BE EMPLOYED (I.E. EROSION CONTROL FABRIC, RIP-RAP, ETC.).
 - THE CONTRACTOR SHALL MAKE REGULAR INSPECTIONS OF ALL CONTROL MEASURES THROUGHOUT THE CONSTRUCTION PROCESS TO ENSURE THE OVERALL EFFECTIVENESS OF THE EROSION AND SEDIMENT CONTROL PLAN. AT A MINIMUM, INSPECTIONS MUST OCCUR AT LEAST ONCE A WEEK AND WITHIN TWENTY-FOUR (24) HOURS OF THE END OF A STORM EVENT THAT IS ONE-HALF (0.50) INCH OR GREATER. ALL INSPECTIONS MUST BE DOCUMENTED PER THE NPDES REQUIREMENTS.
 - IN THE EVENT THAT AN ON-SITE INSPECTION BY ANY PARTY REVEALS A DEFICIENCY IN THE INSTALLATION AND/OR MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE REMEDIATION OF THE PROBLEM.
 - FAILURE TO COMPLY WITH THE REQUIRED EROSION AND SEDIMENT CONTROL GUIDELINES MAY RESULT IN FINES LEVIED BY GOVERNMENTAL AGENCIES. ANY FINES SUFFERED DUE TO NON-COMPLIANCE SHALL BECOME THE RESPONSIBILITY OF THE CONTRACTOR.



- SEQUENCE OF EROSION AND SEDIMENT CONTROL MEASURES IMPLEMENTATION**
- SITE PREPARATION**
- PRIOR TO ANY SOIL DISTURBANCE, SILT FENCE SHALL BE INSTALLED ALONG ENTIRE DOWN-GRADE PERIMETER OF PROJECT AREA AND/OR PROTECTED TREE LINE, AS SHOWN IN PLANS AND DETAILS, OR BY EQUIVALENT MEASURES. SILT FENCE SHALL REMAIN IN PLACE UNTIL ALL UP-GRADE AREAS OF DISTURBANCE HAVE BEEN PERMANENTLY STABILIZED.
 - A PROPER ROCK CONSTRUCTION EXIT SHALL BE ESTABLISHED AT ALL POINTS OF INGRESS/EGRESS FROM CONSTRUCTION SITE, PER DETAIL PROVIDED IN THE PLANS, OR BY EQUIVALENT MEASURES. ALL CONSTRUCTION EXITS SHALL REMAIN IN PLACE UNTIL INGRESS/EGRESS FROM THE SITE AT THAT POINT HAS STOPPED.
- CLEARING AND GRUBBING**
- ALL DISTURBED AREAS THAT WILL BE LEFT EXPOSED FOR MORE THAN FOURTEEN (14) DAYS, AND ARE NOT SUBJECT TO CONSTRUCTION TRAFFIC, SHALL RECEIVE A TEMPORARY SEEDING IMMEDIATELY UPON DISTURBANCE. TEMPORARY SEEDING SPECIFICATIONS SHALL BE PER THE "FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL" AND "FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". IF THE SEASON PREVENTS ESTABLISHMENT OF A TEMPORARY COVER, THE DISTURBED AREA WILL BE MULCHED WITH STRAW, OR EQUIVALENT MATERIAL, AT A RATE OF TWO (2) TONS PER ACRE.
 - ALL DISTURBED AREAS THAT ARE SUBJECT TO HIGH AMOUNTS OF EROSION (I.E. STEEP SLOPES, EMBANKMENTS GREATER THAN 3:1, OR OTHER AS DICTATED BY SITE CONDITIONS) SHALL IMMEDIATELY RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH MULCHING WITH STRAW, OR EQUIVALENT MATERIAL, AT A THICKNESS OF TWO (2) TO FOUR (4) INCHES MIXED WITH THE TOP TWO (2) INCHES OF SOIL.
 - ALL DISTURBED AREAS SHALL, AT A MINIMUM, BE MAINTAINED BY WATER TO MINIMIZE THE GENERATION OF DUST.
- SITE GRADING**
- THE SITE SHALL, AT ALL TIMES, BE GRADED AND MAINTAINED SUCH THAT ALL STORM WATER RUNOFF IS CONTROLLED BY EROSION AND SEDIMENT CONTROL MEASURES.
 - ALL AREAS USED FOR MATERIAL STOCKPILE, BE IT FILL/EXCAVATED MATERIALS, STONE, OR OTHERWISE, ARE TO BE STABILIZED, AND SHALL HAVE SILT FENCE INSTALLED PER THE DETAILS PROVIDED IN THE PLANS, OR BY EQUIVALENT MEASURES, AROUND THEIR ENTIRE DOWNGRADE PERIMETER.
- INSTALLATION OF STORM SEWER AND UTILITIES**
- TEMPORARY OUTLET PROTECTION MUST BE INSTALLED AT ALL PROPOSED STORM WATER OUTFALLS PRIOR TO THE INSTALLATION OF THE DRAINAGE SYSTEM.
 - ALL SITE DRAINAGE, INCLUDING ROOF DRAINS, DOWN SPOUTS, GUTTERS, OR OTHERWISE SHALL BE ROUTED TO CARRY ALL STORM WATER TO THE PROPOSED STORM WATER MANAGEMENT SYSTEM(S).
 - ANY SLOPES GREATER THAN 3:1 (H:V) RECEIVING PIPELINE OR UTILITY INSTALLATION SHALL BE BACKFILLED AND STABILIZED DAILY AS THE INSTALLATION PROCEEDS.
- FINAL SITEWORK**
- PERMANENT VEGETATION (I.E. SEED AND MULCH, SOD, ETC) TO BE INSTALLED ON ALL EXPOSED AREAS WITHIN TEN (10) DAYS AFTER FINAL GRADING.
 - UPON COMPLETION OF CONSTRUCTION, BUT PRIOR TO FINAL ACCEPTANCE, ALL CONSTRUCTION WASTE AND DEBRIS SHALL BE REMOVED FROM THE SITE AND ALL PAVED ROADWAYS AND/OR PARKING AREAS SHALL BE SWEEP CLEAN OF ALL SEDIMENT.
 - TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL REMAIN IN PLACE AND BE MAINTAINED UNTIL SUCH TIME WHEN ALL UP-GRADE AREAS HAVE BEEN PERMANENTLY STABILIZED.



| REV. NO. | DESCRIPTION | DATE |
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| 01 | REVISED TYPE 2 SILT FENCE DETAIL | 12/28/2020 |

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**BELLEAIR COUNTRY CLUB
WEST COURSE IMPROVEMENTS**

DETAILS

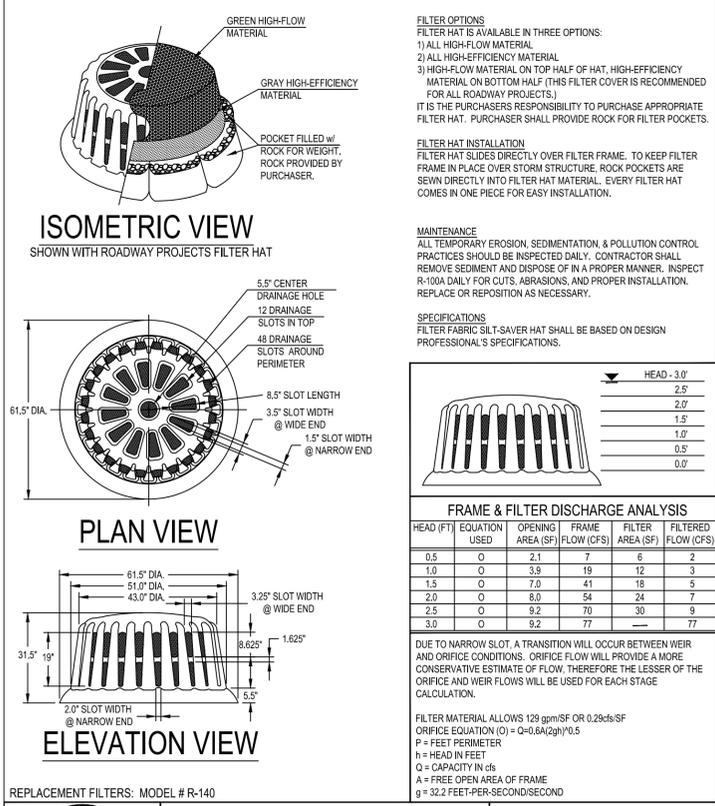
DATE: 11/12/20
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DESIGNED: MDL
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PROJ. MGR: TLW

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C-3.0
DRAWING NUMBER
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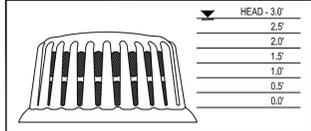


FILTER OPTIONS
FILTER HAT IS AVAILABLE IN THREE OPTIONS:
1) ALL HIGH-FLOW MATERIAL
2) ALL HIGH-EFFICIENCY MATERIAL
3) HIGH-FLOW MATERIAL ON TOP HALF OF HAT, HIGH-EFFICIENCY MATERIAL ON BOTTOM HALF (THIS FILTER COVER IS RECOMMENDED FOR ALL ROADWAY PROJECTS.)
IT IS THE PURCHASERS RESPONSIBILITY TO PURCHASE APPROPRIATE FILTER HAT. PURCHASER SHALL PROVIDE ROCK FOR FILTER POCKETS.

FILTER HAT INSTALLATION
FILTER HAT SLIDES DIRECTLY OVER FILTER FRAME. TO KEEP FILTER FRAME IN PLACE OVER STORM STRUCTURE, ROCK POCKETS ARE SEWN DIRECTLY INTO FILTER HAT MATERIAL. EVERY FILTER HAT COMES IN ONE PIECE FOR EASY INSTALLATION.

MAINTENANCE
ALL TEMPORARY EROSION, SEDIMENTATION, & POLLUTION CONTROL PRACTICES SHOULD BE INSPECTED DAILY. CONTRACTOR SHALL REMOVE SEDIMENT AND DISPOSE OF IN A PROPER MANNER. INSPECT R-100A DAILY FOR CUTS, ABRASIONS, AND PROPER INSTALLATION. REPLACE OR REPOSITION AS NECESSARY.

SPECIFICATIONS
FILTER FABRIC SILT-SAVER HAT SHALL BE BASED ON DESIGN PROFESSIONAL'S SPECIFICATIONS.



FRAME & FILTER DISCHARGE ANALYSIS

| HEAD (FT) | EQUATION USED | OPENING AREA (SQ FT) | FRAME FLOW (CFS) | FILTER AREA (SQ FT) | FILTERED FLOW (CFS) |
|-----------|---------------|----------------------|------------------|---------------------|---------------------|
| 0.5 | O | 2.1 | 7 | 6 | 2 |
| 1.0 | O | 3.9 | 19 | 12 | 3 |
| 1.5 | O | 7.0 | 41 | 18 | 5 |
| 2.0 | O | 8.0 | 54 | 24 | 7 |
| 2.5 | O | 9.2 | 70 | 30 | 9 |
| 3.0 | O | 9.2 | 77 | — | 77 |

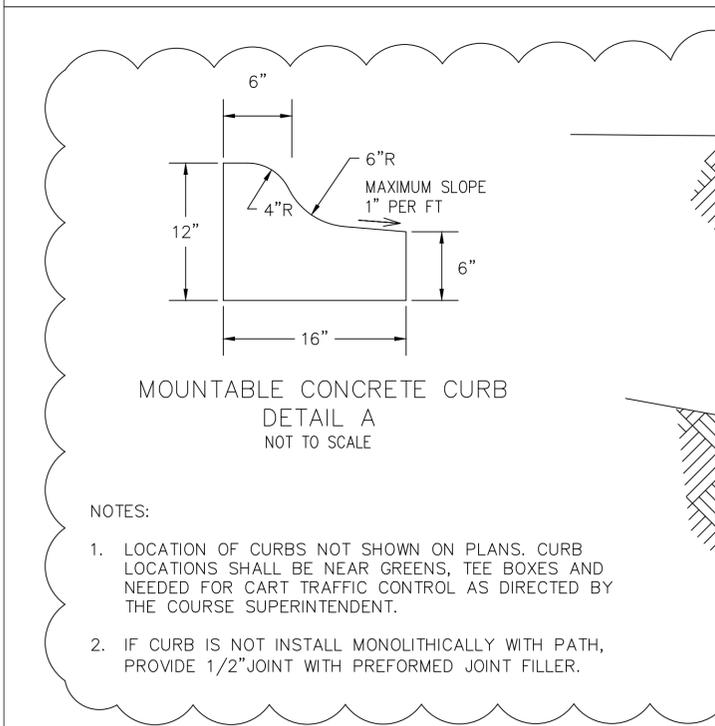
DUE TO NARROW SLOT, A TRANSITION WILL OCCUR BETWEEN WEIR AND ORIFICE CONDITIONS. ORIFICE FLOW WILL PROVIDE A MORE CONSERVATIVE ESTIMATE OF FLOW, THEREFORE THE LESSER OF THE ORIFICE AND WEIR FLOWS WILL BE USED FOR EACH STAGE CALCULATION.

FILTER MATERIAL ALLOWS 129 gpm/SF OR 0.29cfs/SF
ORIFICE EQUATION (O) = $Q = 0.6A(2gh)^{0.5}$
P = FEET PERIMETER
h = HEAD IN FEET
Q = CAPACITY IN cfs
A = FREE OPEN AREA OF FRAME
g = 32.2 FEET-PER-SECOND/SECOND

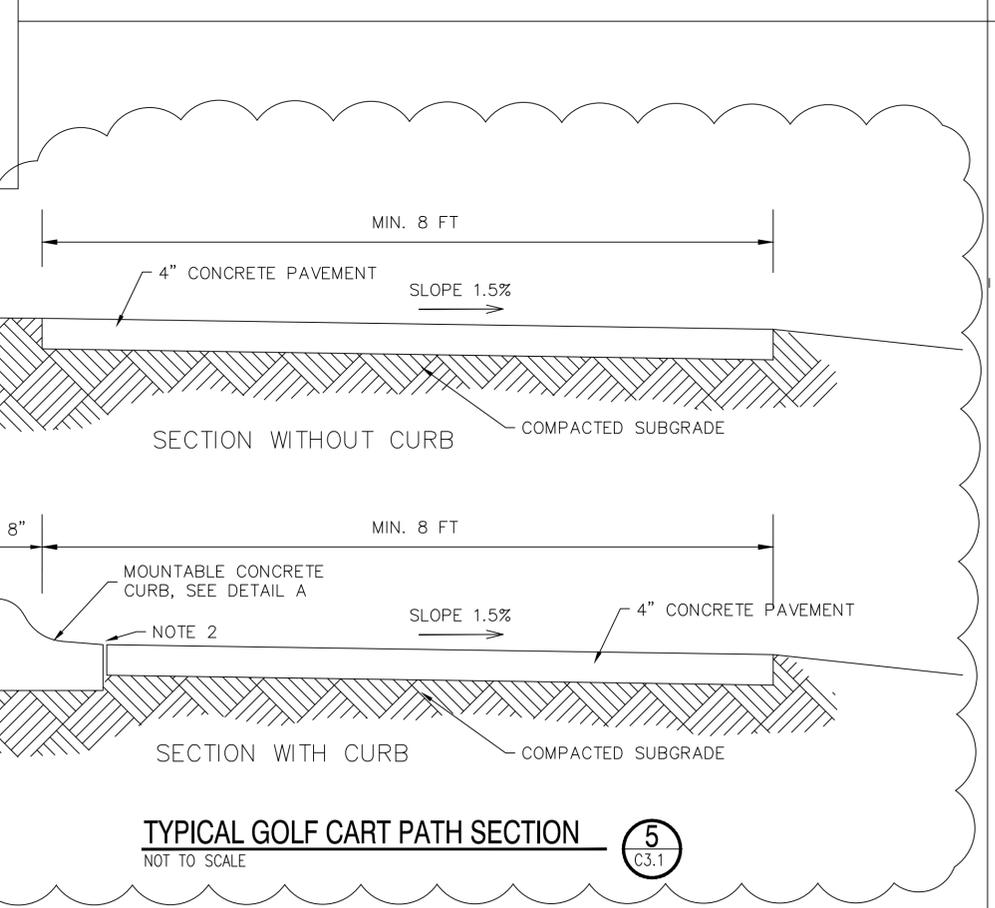
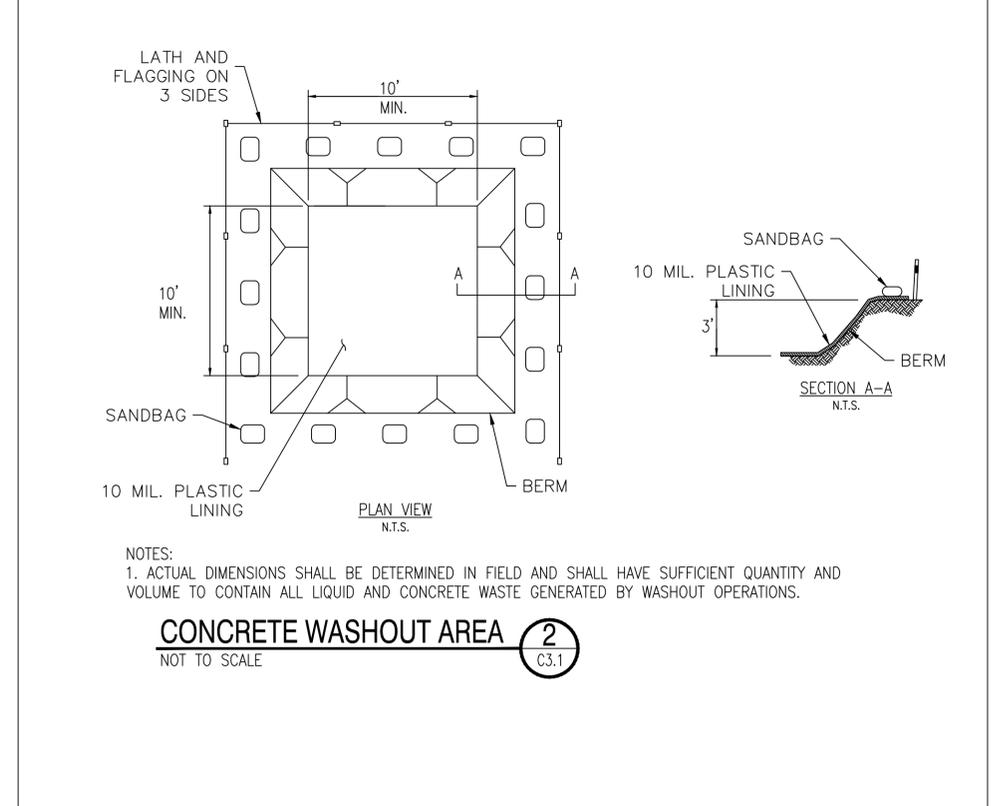
ROUND FRAME & FILTER ASSEMBLY
Model # R-100A

FRAME MATERIAL: BLACK 0.25" HMWPE
FILTER FABRIC MATERIAL: REFER TO SPEC.
SCALE: NOT TO SCALE
LAST UPDATED: APRIL 2010

STORM WATER INLET PROTECTION 1
NOT TO SCALE C3.1



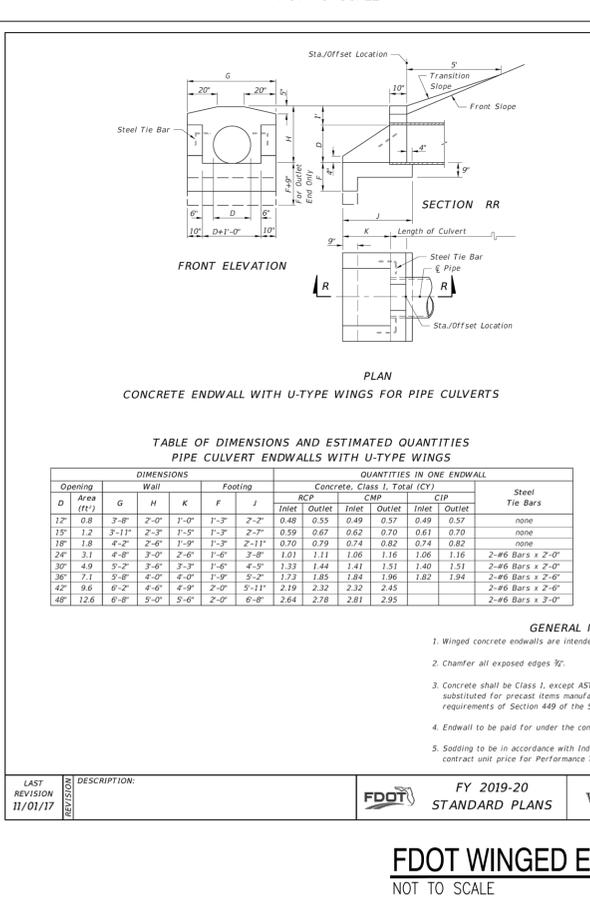
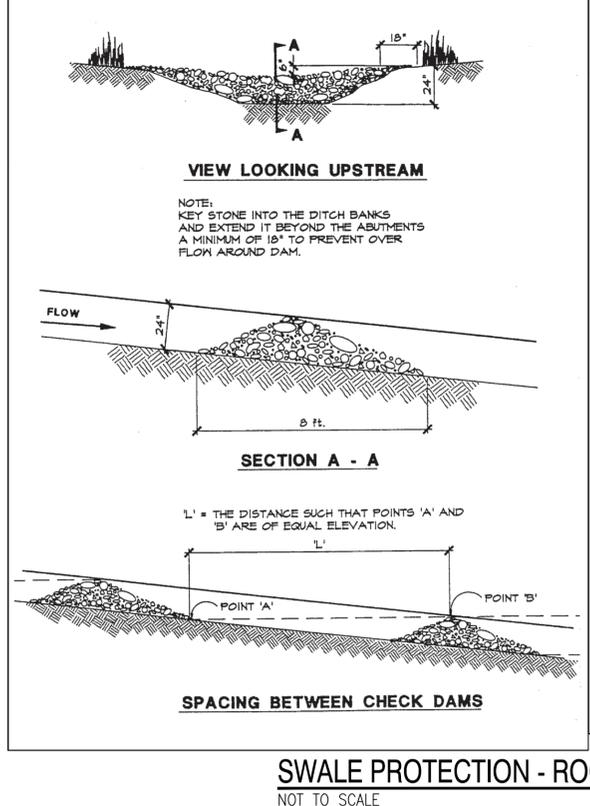
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| 01 | REVISED TYPICAL PATH DETAIL | 12/28/2020 |



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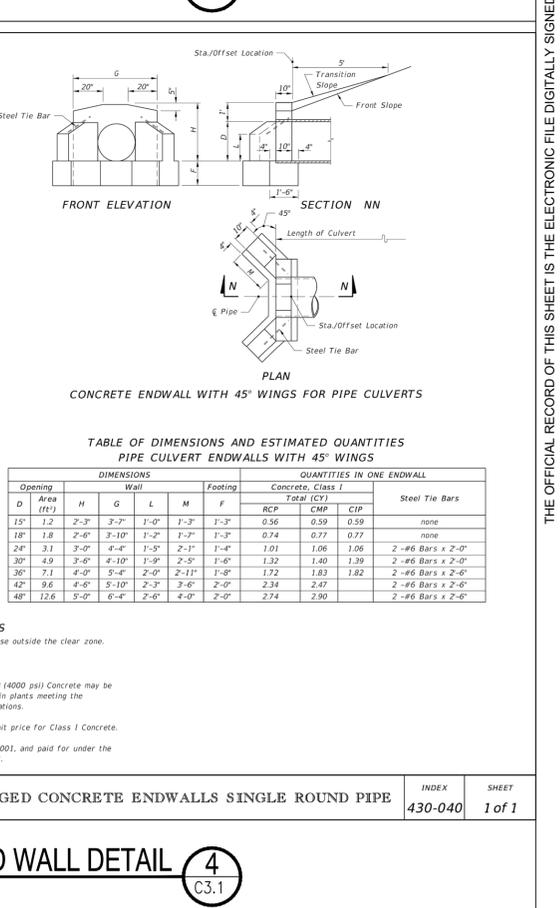
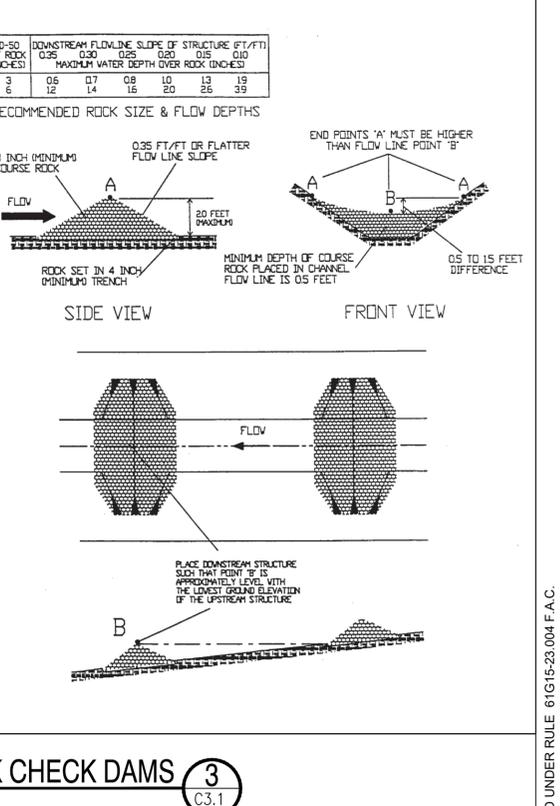
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BELLEAIR COUNTRY CLUB WEST COURSE IMPROVEMENTS

DETAILS

FDOT WINGED END WALL DETAIL 4
NOT TO SCALE C3.1



BELLEAIR COUNTRY CLUB WEST COURSE IMPROVEMENTS

DETAILS

FDOT WINGED END WALL DETAIL 4
NOT TO SCALE C3.1

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| Structure | Northing (ft) | Easting (ft) | Rim Elev (ft) | Sump Elev (ft) | Sump Depth (ft) | Pipe Connections |
|---------------------|---------------|--------------|---------------|----------------|-----------------|------------------|
| 1 INTAKE A008 | 1312405.76 | 394037.58 | 14.0 | 12.90 | 0 | 1 |
| 2 JUNCTION BOX A009 | 1312321.54 | 394048.27 | 15.3 | 12.71 | 0 | 4 |
| 3 JUNCTION BOX A010 | 1312301.18 | 394106.24 | 14.5 | 13.00 | 0 | 2 |
| 4 INTAKE A011 | 1312376.56 | 394199.97 | 21.0 | 18.00 | 0 | 2 |
| 5 INTAKE A012 | 1312509.44 | 394152.19 | 23.0 | 19.75 | 0 | 3 |
| 6 INTAKE A013 | 1312624.26 | 394295.18 | 27.0 | 24.00 | 0 | 3 |
| 7 INTAKE A014 | 1312565.93 | 394396.64 | 30.0 | 27.25 | 0 | 2 |
| 8 INTAKE A015 | 1312589.03 | 394482.52 | 31.0 | 28.50 | 0 | 2 |
| 9 INTAKE A016 | 1312656.31 | 394521.79 | 31.5 | 29.25 | 0 | 2 |
| 10 INTAKE A017 | 1312697.85 | 394265.80 | 27.0 | 25.00 | 0 | 1 |
| 11 INTAKE A018 | 1312615.23 | 394139.30 | 24.0 | 20.50 | 0 | 2 |
| 12 INTAKE A019 | 1312692.08 | 394148.99 | 24.0 | 21.50 | 0 | 2 |
| 13 INTAKE A020 | 1312726.12 | 394181.26 | 26.0 | 24.00 | 0 | 1 |
| 14 INTAKE B008 | 1312309.38 | 394326.42 | 24.0 | 19.50 | 0 | 4 |
| 15 INTAKE B009 | 1312410.04 | 394300.35 | 25.0 | 22.50 | 0 | 2 |
| 16 INTAKE B010 | 1312526.89 | 394298.58 | 26.0 | 23.50 | 0 | 1 |
| 17 INTAKE B011 | 1312332.21 | 394388.48 | 28.0 | 23.50 | 0 | 5 |
| 18 INTAKE B012 | 1312336.78 | 394600.78 | 32.0 | 29.00 | 0 | 3 |
| 19 INTAKE B013 | 1312322.69 | 394765.33 | 34.0 | 31.50 | 0 | 2 |
| 20 INTAKE B014 | 1312332.44 | 394895.89 | 38.0 | 35.50 | 0 | 1 |
| 21 INTAKE B015 | 1312429.87 | 394582.51 | 32.0 | 28.00 | 0 | 4 |
| 22 INTAKE B016 | 1312420.45 | 394701.25 | 33.0 | 28.85 | 0 | 3 |
| 23 INTAKE B017 | 1312454.26 | 394791.60 | 36.0 | 33.25 | 0 | 2 |
| 24 INTAKE B018 | 1312478.05 | 394917.74 | 37.0 | 34.50 | 0 | 2 |
| 25 INTAKE B019 | 1312533.80 | 394898.50 | 38.0 | 35.50 | 0 | 1 |
| 26 INTAKE B020 | 1312567.35 | 394740.56 | 33.0 | 29.40 | 0 | 4 |
| 27 INTAKE B021 | 1312610.08 | 394901.09 | 39.0 | 36.50 | 0 | 1 |
| 28 INTAKE B022 | 1312651.44 | 394739.70 | 33.0 | 29.75 | 0 | 3 |
| 29 INTAKE B023 | 1312765.36 | 394820.26 | 33.0 | 30.00 | 0 | 4 |
| 30 INTAKE B024 | 1312726.03 | 394971.29 | 34.0 | 32.00 | 0 | 2 |
| 31 INTAKE B025 | 1312633.31 | 394995.52 | 35.0 | 33.00 | 0 | 1 |
| 32 INTAKE B026 | 1312789.31 | 394919.38 | 34.2 | 31.25 | 0 | 2 |
| 33 INTAKE B027 | 1312789.85 | 394982.97 | 34.2 | 31.55 | 0 | 2 |
| 34 INTAKE B028 | 1312824.97 | 395012.03 | 34.0 | 31.65 | 0 | 2 |
| 35 INTAKE B029 | 1312911.30 | 395014.42 | 34.0 | 31.85 | 0 | 2 |
| 36 INTAKE B030 | 1313006.39 | 395019.54 | 34.0 | 32.05 | 0 | 1 |
| 37 INTAKE B031 | 1312838.51 | 394862.82 | 33.0 | 31.00 | 0 | 2 |
| 38 INTAKE B032 | 1312925.70 | 394880.67 | 34.0 | 31.20 | 0 | 2 |
| 39 INTAKE B033 | 1312997.49 | 394890.86 | 34.0 | 31.40 | 0 | 2 |
| 40 INTAKE B034 | 1313041.83 | 394928.15 | 34.0 | 31.75 | 0 | 2 |
| 41 INTAKE B035 | 1313041.51 | 394989.22 | 34.0 | 31.90 | 0 | 2 |
| 42 INTAKE B036 | 1312493.24 | 394542.83 | 32.0 | 29.50 | 0 | 1 |
| 43 INTAKE B037 | 1312494.24 | 394605.59 | 32.0 | 29.50 | 0 | 2 |
| 44 INTAKE B038 | 1312551.21 | 394612.82 | 33.0 | 30.50 | 0 | 2 |
| 45 INTAKE B039 | 1312458.84 | 394494.65 | 31.0 | 28.50 | 0 | 2 |
| 46 INTAKE B040 | 1312508.54 | 394482.92 | 32.0 | 28.50 | 0 | 2 |
| 47 INTAKE B12A | 1312243.14 | 394654.35 | 33.0 | 30.50 | 0 | 1 |
| 48 INTAKE C010 | 1312122.21 | 393930.74 | 16.0 | 13.50 | 0 | 1 |
| 49 INTAKE C011 | 1312128.14 | 393872.58 | 12.0 | 8.15 | 0 | 3 |
| 50 INTAKE C012 | 1312029.46 | 393881.48 | 13.0 | 8.25 | 0 | 2 |
| 51 INTAKE C013 | 1311840.50 | 393876.82 | 12.0 | 7.80 | 0 | 3 |
| 52 INTAKE C014 | 1311714.68 | 393880.95 | 13.0 | 9.25 | 0 | 2 |
| 53 INTAKE C015 | 1311623.04 | 393852.54 | 14.0 | 10.25 | 0 | 2 |
| 54 INTAKE C016 | 1311550.04 | 393859.74 | 17.0 | 10.75 | 0 | 2 |
| 55 INTAKE C017 | 1311458.79 | 393868.62 | 17.0 | 11.00 | 0 | 3 |
| 56 INTAKE C018 | 1311311.88 | 393851.41 | 15.0 | 11.25 | 0 | 3 |
| 57 INTAKE C019 | 1311220.20 | 393951.76 | 20.0 | 15.50 | 0 | 3 |
| 58 INTAKE C020 | 1311054.86 | 393948.56 | 28.0 | 24.75 | 0 | 3 |
| 59 INTAKE C021 | 1310960.91 | 393891.76 | 28.0 | 25.50 | 0 | 2 |
| 60 INTAKE C022 | 1310856.93 | 394020.36 | 33.0 | 30.50 | 0 | 1 |
| 61 INTAKE C023 | 1311052.16 | 394054.20 | 32.0 | 29.00 | 0 | 2 |
| 62 INTAKE C024 | 1310941.22 | 394130.97 | 34.0 | 30.75 | 0 | 2 |
| 63 INTAKE C025 | 1310915.54 | 394172.91 | 36.5 | 32.00 | 0 | 2 |
| 64 INTAKE C026 | 1310914.18 | 394213.09 | 37.5 | 32.25 | 0 | 3 |
| 65 INTAKE C027 | 1310961.17 | 394240.26 | 36.0 | 33.00 | 0 | 3 |
| 66 INTAKE C028 | 1310961.88 | 394330.67 | 36.0 | 33.50 | 0 | 1 |
| 67 INTAKE C029 | 1311199.61 | 394102.75 | 25.0 | 21.50 | 0 | 3 |
| 68 INTAKE C030 | 1311139.26 | 394059.00 | 28.0 | 25.25 | 0 | 3 |
| 69 INTAKE C031 | 1311095.73 | 394144.82 | 34.0 | 31.50 | 0 | 1 |
| 70 INTAKE C032 | 1311133.22 | 394211.20 | 35.0 | 32.50 | 0 | 2 |
| 71 INTAKE C033 | 1311204.61 | 394140.36 | 25.0 | 22.00 | 0 | 4 |
| 72 INTAKE C034 | 1311238.12 | 394182.05 | 25.0 | 22.50 | 0 | 2 |
| 73 INTAKE C035 | 1311267.24 | 394309.88 | 30.0 | 27.50 | 0 | 2 |
| 74 INTAKE C036 | 1311189.96 | 394306.03 | 35.0 | 32.50 | 0 | 1 |
| 75 INTAKE C037 | 1311171.59 | 393749.07 | 15.0 | 12.25 | 0 | 2 |
| 76 INTAKE C038 | 1311082.88 | 393751.00 | 19.0 | 14.50 | 0 | 2 |
| 77 INTAKE C039 | 1311037.94 | 393723.59 | 18.0 | 15.00 | 0 | 2 |
| 78 INTAKE C040 | 1310940.71 | 393732.63 | 24.0 | 21.50 | 0 | 2 |
| 79 INTAKE C041 | 1310944.69 | 393801.11 | 25.0 | 22.50 | 0 | 1 |

| Structure | Northing (ft) | Easting (ft) | Rim Elev (ft) | Sump Elev (ft) | Sump Depth (ft) | Pipe Connections |
|------------------|---------------|--------------|---------------|----------------|-----------------|------------------|
| 80 INTAKE D011 | 1311855.35 | 393977.95 | 23.0 | 20.50 | 0 | 1 |
| 81 INTAKE D012 | 1311930.72 | 393978.78 | 22.0 | 19.50 | 0 | 2 |
| 82 INTAKE E010 | 1311740.96 | 393971.67 | 23.0 | 20.50 | 0 | 1 |
| 83 INTAKE E011 | 1311849.66 | 394119.29 | 25.0 | 19.25 | 0 | 3 |
| 84 INTAKE E012 | 1311774.08 | 394145.12 | 24.0 | 19.50 | 0 | 3 |
| 85 INTAKE E013 | 1311701.76 | 394200.14 | 24.5 | 22.00 | 0 | 1 |
| 86 INTAKE E014 | 1311610.87 | 394173.46 | 23.5 | 20.00 | 0 | 4 |
| 87 INTAKE E015 | 1311602.49 | 394239.31 | 24.0 | 21.00 | 0 | 1 |
| 88 INTAKE E016 | 1311563.23 | 394180.96 | 24.0 | 21.00 | 0 | 3 |
| 89 INTAKE E017 | 1311382.21 | 394104.20 | 25.0 | 21.00 | 0 | 5 |
| 90 INTAKE E018 | 1311434.45 | 394193.71 | 26.5 | 24.00 | 0 | 1 |
| 91 INTAKE E019 | 1311394.89 | 394287.39 | 28.0 | 25.50 | 0 | 1 |
| 92 INTAKE E020 | 1311485.28 | 394320.03 | 24.5 | 22.00 | 0 | 1 |
| 93 INTAKE F011 | 1312021.08 | 394374.86 | 25.0 | 21.75 | 0 | 3 |
| 94 INTAKE F012 | 1312025.08 | 394451.22 | 30.0 | 26.50 | 0 | 4 |
| 95 INTAKE F013 | 1312118.04 | 394567.12 | 30.0 | 27.35 | 0 | 3 |
| 96 INTAKE F014 | 1312162.39 | 394696.35 | 32.0 | 29.50 | 0 | 2 |
| 97 INTAKE F015 | 1312200.65 | 394915.17 | 39.0 | 36.50 | 0 | 2 |
| 98 INTAKE F016 | 1312059.28 | 394722.59 | 32.0 | 29.50 | 0 | 3 |
| 99 INTAKE F017 | 1312020.20 | 394573.09 | 32.9 | 29.25 | 0 | 2 |
| 100 INTAKE F018 | 1311865.23 | 394551.87 | 32.0 | 29.00 | 0 | 3 |
| 101 INTAKE F019 | 1311784.64 | 394559.34 | 33.0 | 29.50 | 0 | 4 |
| 102 INTAKE F020 | 1311737.02 | 394730.28 | 35.0 | 30.25 | 0 | 2 |
| 103 INTAKE F021 | 1311770.99 | 394804.62 | 33.0 | 30.50 | 0 | 2 |
| 104 INTAKE F022 | 1311703.29 | 394872.87 | 35.0 | 32.50 | 0 | 1 |
| 105 INTAKE F023 | 1311643.47 | 394581.13 | 33.0 | 29.75 | 0 | 3 |
| 106 INTAKE F024 | 1311978.02 | 394633.82 | 26.0 | 23.25 | 0 | 2 |
| 107 INTAKE F025 | 1311941.05 | 394397.14 | 26.0 | 23.50 | 0 | 2 |
| 108 INTAKE F026 | 1311877.43 | 394435.00 | 28.0 | 25.50 | 0 | 1 |
| 109 INTAKE G011 | 1311468.50 | 394603.29 | 33.0 | 31.40 | 0 | 3 |
| 110 INTAKE G012 | 1311451.83 | 394685.68 | 33.0 | 31.55 | 0 | 1 |
| 111 INTAKE G011 | 1311373.80 | 394690.30 | 35.0 | 33.00 | 0 | 1 |
| 112 INTAKE H011 | 1311554.73 | 394764.65 | 33.0 | 31.65 | 0 | 2 |
| 113 INTAKE H012 | 1311558.89 | 394731.55 | 34.0 | 31.85 | 0 | 2 |
| 114 INTAKE I011 | 1311229.33 | 394391.34 | 35.0 | 32.00 | 0 | 1 |
| 115 INTAKE J011 | 1311125.79 | 394462.33 | 35.0 | 32.00 | 0 | 2 |
| 116 INTAKE J012 | 1311069.05 | 394401.24 | 36.0 | 32.75 | 0 | 2 |
| 117 INTAKE J013 | 1311021.01 | 394396.59 | 36.0 | 33.25 | 0 | 2 |
| 118 INTAKE J014 | 1311052.19 | 394350.65 | 36.0 | 33.50 | 0 | 1 |
| 119 INTAKE J011 | 1311195.69 | 394607.21 | 34.0 | 31.25 | 0 | 4 |
| 120 INTAKE J012 | 1311266.33 | 394693.43 | 36.0 | 33.25 | 0 | 2 |
| 121 INTAKE J013 | 1311311.52 | 394652.69 | 36.0 | 33.50 | 0 | 1 |
| 122 INTAKE K011 | 1311006.62 | 394504.63 | 36.0 | 33.10 | 0 | 2 |
| 123 INTAKE K012 | 1310923.51 | 394440.41 | 36.0 | 33.30 | 0 | 2 |
| 124 INTAKE K013 | 1310874.04 | 394395.34 | 37.0 | 34.00 | 0 | 2 |
| 125 INTAKE K014 | 1310821.87 | 394347.84 | 37.0 | 34.50 | 0 | 1 |
| 126 INTAKE KK011 | 1311085.72 | 394627.96 | 37.0 | 33.75 | 0 | 3 |
| 127 INTAKE KK012 | 1311087.88 | 394728.68 | 38.0 | 35.00 | 0 | 2 |
| 128 INTAKE L011 | 1310747.46 | 394576.02 | 36.3 | 35.25 | 0 | 1 |
| 129 INTAKE M011 | 1310741.83 | 394706.96 | 37.0 | 35.20 | 0 | 2 |
| 130 INTAKE M012 | 1310741.03 | 394821.63 | 37.0 | 35.30 | 0 | 2 |
| 131 INTAKE M013 | 1310741.75 | 394996.98 | 37.0 | 35.50 | 0 | 1 |
| 132 INTAKE N011 | 1310861.89 | 394702.74 | 36.0 | 32.10 | 0 | 2 |
| 133 INTAKE N012 | 1310935.96 | 394794.88 | 36.1 | 32.40 | 0 | 5 |
| 134 INTAKE N013 | 1310908.43 | 394899.82 | 38.0 | 35.50 | 0 | 1 |
| 135 INTAKE N014 | 1310963.16 | 394873.84 | 36.0 | 32.75 | 0 | 2 |
| 136 INTAKE N015 | 1310981.44 | 394998.14 | 38.0 | 33.00 | 0 | 4 |
| 137 INTAKE N016 | 1310915.41 | 395068.03 | 39.0 | 35.00 | 0 | 2 |
| 138 INTAKE N017 | 1310901.40 | 395208.95 | 37.0 | 33.50 | 0 | 2 |
| 139 INTAKE N018 | 1310931.79 | 395318.04 | 37.5 | 33.60 | 0 | 2 |
| 140 INTAKE N019 | 1310908.28 | 395370.55 | 37.0 | 33.75 | 0 | 3 |
| 141 INTAKE N020 | 1310931.84 | 395439.53 | 38.0 | 35.30 | 0 | 2 |
| 142 INTAKE N021 | 1310913.73 | 395531.12 | 41.0 | 38.50 | 0 | 2 |
| 143 INTAKE N022 | 1310890.88 | 395611.53 | 42.0 | 39.50 | 0 | 1 |
| 144 INTAKE N024 | 1310780.28 | 395372.04 | 37.3 | 34.10 | 0 | 3 |
| 145 INTAKE N025 | 1310736.32 | 395274.52 | 38.0 | 35.00 | 0 | 2 |
| 146 INTAKE N026 | 1310736.09 | 395182.12 | 38.0 | 35.50 | 0 | 2 |
| 147 INTAKE N027 | 1310778.60 | 395176.94 | 39.0 | 36.50 | 0 | 2 |
| 148 INTAKE N028 | 1310763.75 | 395547.27 | 41.0 | 38.50 | 0 | 2 |
| 149 INTAKE N029 | 1310766.81 | 395667.06 | 44.0 | 41.50 | 0 | 1 |
| 150 INTAKE N030 | 1310973.96 | 395119.45 | 37.0 | 34.25 | 0 | 2 |
| 151 INTAKE N031 | 1310998.14 | 395247.58 | 37.5 | 34.75 | 0 | 2 |
| 152 INTAKE N032 | 1310983.25 | 395321.00 | 37.5 | 35.00 | 0 | 1 |
| 153 INTAKE P011 | 1311544.33 | 394898.96 | 37.0 | 32.75 | 0 | 3 |
| 154 INTAKE P012 | 1311590.37 | 394889.08 | 36.0 | 32.85 | 0 | 2 |
| 155 INTAKE P013 | 1311588.85 | 394952.31 | 36.0 | 33.00 | 0 | 2 |
| 156 INT | | | | | | |