GENERAL NOTES

1. THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE DELAWARE DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS", DATED AUGUST 2001 AND THE DELAWARE DEPARTMENT OF TRANSPORTATION "STANDARD CONSTRUCTION DETAILS", DATED 2001, INCLUDING ALL REVISIONS UP TO THE DATE OF ADVERTISEMENT.

2. ⚠ THE CONTRACTOR SHALL GIVE TWO (2) WEEKS NOTICE TO THE PROPERTY OWNER WHEN ANY FIXTURE, SHRUB OR OTHER OBJECT MUST BE REMOVED FROM THE RIGHT OF WAY OR EASEMENT AREA. IF THE OWNER HAS NOT ATTEMPTED TO SALVAGE THIS PROPERTY, THE CONTRACTOR SHALL REMOVE IT WITHOUT OBLIGATION. COMPENSATION SHALL BE INCIDENTAL TO THE CONTRACT.

3. THE ENDS OF ALL CURBS SHALL BE DEPRESSED FLUSH WITH THE PAVEMENT AT A RATIO OF TWELVE TO ONE (12:1) UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

4. THE CONTRACTOR SHALL PROVIDE AND INSTALL PVC SLEEVES (4" INSIDE MINIMUM DIAMETER, 6" INSIDE MAXIMUM DIAMETER) IN PROPOSED CONCRETE SIDEWALKS, ISLANDS, AND MEDIANS FOR FUTURE TRAFFIC SIGN POSTS AS DIRECTED BY THE ENGINEER. THE LOWER END OF THE SLEEVE SHALL SIT ON THE TOP OF THE SUBBASE MATERIAL. THE COST SHALL BE INCIDENTAL TO THE CONTRACT.

5. STAGING AREAS - PROPER EROSION AND SEDIMENT CONTROL MEASURES AS DETERMINED BY THE ENGINEER SHALL BE INSTALLED IN ALL STAGING AREAS. ALL AREAS USED BY THE CONTRACTOR FOR STAGING OPERATIONS SHALL BE FULLY RESTORED BY THE CONTRACTOR UPON COMPLETION OF THE CONTRACT. IF THE STAGING AREA IS PAVED, IT SHALL BE RESTORED TO ITS ORIGINAL CONDITION. IF THE AREA IS UNPAVED, IT SHALL BE RE-GRADED, TOPSOILED, SEEDED AND MULCHED IN ACCORDANCE WITH DELAWARE STANDARD SPECIFICATIONS 732, 734 AND 735, FOR TOPSOIL, SEED AND MULCH RESPECTIVELY, TO THE SATISFACTION OF THE ENGINEER. THE SEED SHALL ADHERE TO THE SPECIFICATIONS OF SECTION 734 FOR PERMANENT GRASS SEEDING - DRY GROUND. ALL COSTS ASSOCIATED WITH RESTORATION OF THE STAGING AREA SHALL BE AT THE CONTRACTOR'S EXPENSE. IF THE ENGINEER DETERMINES THAT A SATISFACTORY STAND OF GRASS DOES NOT EXIST AT THE TIME OF FINAL INSPECTION, ALL COSTS ASSOCIATED WITH REESTABLISHING A SATISFACTORY STAND OF GRASS SHALL BE AT THE CONTRACTOR'S EXPENSE.

6. SITE REVIEWER - AN EROSION CONTROL SITE REVIEWER SHALL BE A PERSON FROM THE CONTRACTOR'S STAFF ASSIGNED TO EROSION AND SEDIMENT CONTROL IMPLEMENTATION AND MAINTENANCE AND SHALL BE REQUIRED ON SPECIFIC PROJECTS. THE NAME AND DNREC CERTIFICATION NUMBER OF EACH SITE REVIEWER SO REQUIRED SHALL BE SUBMITTED TO THE DEPARTMENT. THE NAME OF THE DELAWARE REGISTERED PROFESSIONAL ENGINEER PROVIDING DIRECTION AND SUPERVISION OF THE SITE REVIEWER, AS REQUIRED IN SECTION 12.3 OF THE DELAWARE SEDIMENT AND STORMWATER REGULATIONS, SHALL ALSO BE SUBMITTED TO THE DEPARTMENT. THE SITE REVIEWER REQUIREMENTS IN EFFECT ON THIS PROJECT SHALL BE MARKED WITH AN "X" BELOW:

EROSION POTENTIAL FOR THIS PROJECT	SITE REVIEWER REQUIREMENT
( ) INSIGNIFICANT	NONE
( ) MINOR	CONTRACTOR CERTIFICATION COURSE TRAINING ONLY, AS DEFINED IN SECTION 13 OF THE DELAWARE SEDIMENT AND STORMWATER REGULATIONS.
(X) MEDIUM	AT THE TIME OF BID OF THE CONTRACT, EITHER THE SUPERINTENDENT OR A SEPARATE INDIVIDUAL FROM THE CONTRACTOR'S STAFF SHALL BE A CERTIFIED CONSTRUCTION REVIEWER (CCR), AS DEFINED IN SECTION 12 OF THE DELAWARE SEDIMENT AND STORMWATER REGULATIONS.
( ) MAJOR	SUPERINTENDENT AND AN INDIVIDUAL FROM CONTRACTOR'S STAFF SHALL BE CCR. ONE INDIVIDUAL FROM THE CONTRACTOR'S STAFF MUST BE A CCR AT THE TIME OF BID OF THE CONTRACT. THE SUPERINTENDENT MUST BECOME A CCR WITHIN ONE YEAR AFTER THE AWARD OF CONTRACT.

7. ELECTRONIC PROJECT FILES THAT WILL BE MADE AVAILABLE TO THE CONTRACTOR INCLUDE:

( )	NONE
( )	ASCII DATA FILES WITH COORDINATES AND ELEVATIONS FOR PROPOSED POINTS AS SELECTED BY THE ENGINEER.
(X)	RASTER FILES, IN .CAL FILE FORMAT, FOR ALL PLAN SHEETS.
( )	EXISTING DIGITAL TERRAIN MODEL, IN .DTM FILE FORMAT, COMPATIBLE WITH SOFTWARE CURRENTLY USED BY DELDOT.
( )	PROPOSED DIGITAL TERRAIN MODEL, IN .DTM FILE FORMAT, COMPATIBLE WITH SOFTWARE CURRENTLY USED BY DELDOT.
( )	DESIGN FILE, IN .DGN FILE FORMAT, CONTAINING ONLY THE PROPOSED 3D TRIANGLES OF THE PROPOSED DIGITAL TERRAIN MODEL (DTM).

NOTE: THE DOCUMENT ENTITLED "RELEASE FOR DELIVERY OF DOCUMENTS IN ELECTRONIC FORM TO A CONTRACTOR" MUST BE SIGNED BY ALL PARTIES PRIOR TO THE DELIVERY OF ANY ELECTRONIC PROJECT FILES.

8. AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED TRAFFIC CONTROL SUPERVISOR REQUIREMENT FOR THIS PROJECT.

( )	THE CONTRACTOR SHALL NOT BE REQUIRED TO HAVE AN ATSSA SUPERVISOR ASSIGNED TO THIS PROJECT.
(X)	THE CONTRACTOR SHALL HAVE AN ATSSA SUPERVISOR ASSIGNED TO THIS PROJECT. THE CONTRACTOR'S GENERAL SUPERINTENDENT FOR THIS PROJECT OR ANOTHER ATSSA CERTIFIED MEMBER OF THE CONTRACTOR'S PROJECT STAFF MAY BE THE ATSSA SUPERVISOR. PAYMENT FOR ATSSA SUPERVISOR IS INCIDENTAL TO ITEM 743000.
( )	THE CONTRACTOR SHALL HAVE AN ATSSA SUPERVISOR ASSIGNED TO THIS PROJECT. THE ATSSA SUPERVISOR'S SOLE JOB SHALL BE SUPERVISION OF THE INSTALLATION, OPERATION AND MAINTENANCE OF TRAFFIC CONTROL DEVICES FOR THIS PROJECT. THE CONTRACTOR'S GENERAL SUPERINTENDENT FOR THIS PROJECT SHALL NOT BE THE ATSSA SUPERVISOR. PAYMENT FOR ATSSA SUPERVISOR SHALL BE PAID UNDER ITEM 743031.

9. THE DISTURBED AREA FOR THIS PROJECT IS 39.45 ACRES FOR THE BASE BID AND 6.07 ACRES FOR THE ADD ALTERNATES.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADHERING TO THE CONSTRUCTION SITE POLLUTION PREVENTION SPECIFICATIONS AS DETAILED IN SECTION 3.6 OF THE "DELAWARE EROSION AND SEDIMENT CONTROL HANDBOOK". ALL COSTS ASSOCIATED WITH ADHERING TO THE STANDARDS SHALL BE INCIDENTAL TO THE OVERALL CONTRACT COSTS.

11. THE EROSION AND SEDIMENT CONTROL PLANS HAVE BEEN APPROVED BY DELDOT'S STORMWATER ENGINEER UNDER DELDOT'S DELEGATED AUTHORITY. THE EROSION AND SEDIMENT CONTROL PLANS ARE VALID FOR A THREE YEAR PERIOD, BEGINNING ON THE DATE THE STORMWATER ENGINEER SIGNED THE CONSTRUCTION TITLE SHEET. IF THE FINAL ACCEPTANCE OF THE PROJECT IS ANTICIPATED TO EXTEND BEYOND THE THREE YEARS, THE CONTRACTOR SHALL INFORM THE ENGINEER THREE MONTHS PRIOR TO THE EXPIRATION OF THE EROSION AND SEDIMENT CONTROL PLAN APPROVAL. DELDOT WILL REVIEW THE CURRENT EROSION AND SEDIMENT CONTROL PLAN AND ISSUE AN EXTENSION WITH ANY APPROPRIATE MODIFICATIONS.

PROJECT NOTES

SECTION 100

12. ANY DAMAGE TO ITEMS NOTED TO BE RELOCATED OR RESET BY THE CONTRACTOR, AT THE DISCRETION OF THE ENGINEER, SHALL BE REPAIRED AND/OR REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.

SECTION 200

13. THE ENGINEER MAY REQUIRE THE CONTRACTOR TO EXCAVATE TEST PITS ALONG PROPOSED DRAINAGE RUNS, AT POINTS OF POSSIBLE UTILITY CONFLICTS, TO DETERMINE IF A CONFLICT EXISTS. ANY CONFLICTS SHALL BE COORDINATED BY THE CONTRACTOR, WITH THE ENGINEER AND THE UTILITY COMPANY INVOLVED. THE ENGINEER SHALL ULTIMATELY DETERMINE THE SOLUTION TO THE UTILITY CONFLICT. TEST HOLES SHALL BE MEASURED AND PAID FOR IN ACCORDANCE WITH ITEM 208000 - EXCAVATION AND BACKFILL FOR PIPE TRENCHES, BUT ONLY TO THE ACTUAL DEPTH EXCAVATED.

14. ITEMS TO BE REMOVED UNDER ITEM 211000 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:
- CONCRETE HEADWALLS
- DRAINAGE MANHOLES
- LIGHT POLES
- CHAIN LINK FENCE
- CHAIN LINK FENCE GATES
- CONTACT STATIONS
- BOLLARDS

ITEMS REMOVED UNDER 211000 SHALL BE REMOVED TO THE LIMITS DESCRIBED IN STANDARD SPECIFICATION 211000 OR TO A DEPTH OF 3' BELOW PROPOSED GRADE, WHICHEVER IS GREATER.

15. THIS PROJECT IS COVERED UNDER AN NPDES GENERAL PERMIT FOR CONSTRUCTION. UNDER THE GENERAL PERMIT, COMPLIANCE WITH DELDOT'S APPROVED SEDIMENT AND STORMWATER MANAGEMENT PLANS WILL CONSTITUTE COMPLIANCE WITH THE NPDES INDUSTRIAL PERMITTING REQUIREMENTS FOR THIS CONSTRUCTION PROJECT. A COPY OF THE NPDES GENERAL PERMIT AND NOI IS KEPT ON FILE IN EACH OF THE CONSTRUCTION OFFICES AND THE DEPARTMENT'S TEAM SUPPORT SECTION. A COPY OF THE GENERAL PERMIT OR THE NOI CAN BE OBTAINED UPON REQUEST FROM EITHER THE DEPARTMENT'S STORMWATER ENGINEER OR THE APPROPRIATE CONSTRUCTION ENGINEER.

16. WHEN PERFORMING ANY EXCAVATION OR BACKFILLING OF ANY EXCAVATION, THE CONTRACTOR SHALL PROVIDE GROUNDWATER LEVEL AT LEAST ONE FOOT BELOW THE EXCAVATION ELEVATION. THE CONTRACTOR SHALL ALSO PROVIDE NECESSARY DEWATERING TO STABILIZE EXCAVATED SLOPES DURING CONSTRUCTION AND UNTIL THE SLOPES ARE STABILIZED AS DETERMINED BY THE ENGINEER. THE CONTRACTOR IS NOTIFIED THAT REMOVAL OF WATER FROM BELOW THE GROUNDWATER TABLE WILL REQUIRE PERMITS FROM DNREC AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL NECESSARY PERMITS TO SUPPORT HIS MEANS AND METHODS OF CONSTRUCTION. ALL COSTS SHALL BE INCIDENTAL TO THE APPLICABLE EXCAVATION ITEM.

SECTION 300

17. A. THE CONTRACTOR MAY ELECT TO USE ANY OF THE FOLLOWING MATERIALS TO MEET THE REQUIREMENTS OF ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE 'B':
   a. CRUSHED STONE (PER STANDARD SPECIFICATION 821)
   b. CRUSHED CONCRETE (PER STANDARD SPECIFICATION 821)
   c. HOT-MIX MILLINGS (PER SPECIAL PROVISION 302514 MILLED HOT-MIX BASE COURSE)

   THE CONTRACTOR WILL NOT BE ALLOWED TO MIX DIFFERENT MATERIALS (OR SIMILAR MATERIALS FROM DIFFERENT SOURCES) TO MEET THE REQUIREMENTS OF ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE 'B'.

   ALL OF THE ABOVE LISTED MATERIALS ARE PERMITTED FOR USE ON THE JOB, PROVIDED THEY ARE SEPARATED INTO APPROVED AREAS. EACH AREA OF BASE COURSE MUST BE CONSTRUCTED USING MATERIALS FROM A SINGULAR SOURCE, FULL DEPTH, IN ORDER THAT PROPER TESTING MAY BE ACCOMPLISHED. THE CONTRACTOR AND ENGINEER SHALL AGREE ON THE LIMITS OF EACH SOURCE OF MATERIAL PRIOR TO PLACEMENT.

B. THE QUANTITY USED FOR BASE OF EACH OF THE ABOVE LISTED MATERIALS WILL BE THE CONTRACTOR'S CHOICE, WITH THE TOTAL BEING EQUAL TO THE ACTUAL QUANTITY USED UNDER ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE 'B'.

C. THE CONTRACTOR MAY ALSO ELECT TO RECYCLE MILLINGS FOR USE IN HOT-MIX AS PERMITTED BY THE STANDARD SPECIFICATIONS. THE CHOICE OF THE QUANTITY OF MILLINGS USED FOR THIS PURPOSE, OR FOR BASE COURSE, LIES WITH THE CONTRACTOR. ALL EXCESS MILLING MATERIAL SHALL BECOME PROPERTY OF THE CONTRACTOR.

D. HOT-MIX MILLINGS MAY BE GENERATED FROM THE FOLLOWING SOURCES:
   a. MATERIAL MADE AVAILABLE WHEN MILLED ON THIS CONTRACT UNDER ITEM 760507.
   b. MATERIAL MILLED ON THIS CONTRACT AT THE CONTRACTOR'S CHOICE UNDER ITEM 202000.
   c. MILLED MATERIAL FURNISHED ON THE JOB FROM THE CONTRACTOR'S YARD OR OTHER OUTSIDE SOURCE.
   ALL MILLED MATERIALS SHALL MEET THE MATERIAL REQUIREMENTS OF ITEM 302514 - MILLED HOT-MIX BASE COURSE.

E. PAYMENT CLARIFICATION:
   a. SHOULD THE CONTRACTOR ELECT TO MILL PORTIONS OF HOT-MIX SHOWN ON THE PLANS TO BE REMOVED UNDER ITEM 202000 - EXCAVATION AND EMBANKMENT THE COST OF MILLING THIS HOT-MIX WILL BE PAID AS ITEM 202000 - EXCAVATION AND EMBANKMENT. THE MILLINGS GENERATED MAY BE RECYCLED INTO HOT-MIX, UTILIZED FOR BASE COURSE, OR DISPOSED OF TO AN APPROVED SITE. HAULING COSTS FOR DISPOSAL AND/OR RECYCLING ARE INCIDENTAL TO ITEM 202000 - EXCAVATION AND EMBANKMENT.

   b. MILLINGS GENERATED UNDER ITEM 760502 - PAVEMENT MILLINGS, TAPERCUT MAY BE RECYCLED INTO HOT-MIX, UTILIZED FOR BASE COURSE OR DISPOSED OF BY THE CONTRACTOR TO AN APPROVED SITE. NO SEPARATE PAYMENT WILL BE MADE FOR TRANSPORTING MILLINGS ON SITE OR TO AN APPROVED DISPOSAL SITE.

   c. SHOULD THE CONTRACTOR ELECT TO TEMPORARILY STOCKPILE MILLINGS ON THE JOB SITE FOR LATER USE, ALL COSTS FOR STOCKPILING AND SUBSEQUENT REHANDLING SHALL BE INCIDENTAL TO ITEM 202000 - EXCAVATION AND EMBANKMENT.

   d. MILLINGS USED FOR BASE COURSE SHALL BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF SPECIAL PROVISION 302514 - MILLED HOT-MIX BASE COURSE. NO SEPARATE PAYMENT WILL BE MADE TO FURNISH MILLINGS FROM AN OUTSIDE SOURCE OR TRANSPORT MILLINGS WITHIN THE PROJECT LIMITS. MILLINGS USED FOR BASE COURSE WILL BE PAID FOR AT THE UNIT BID PRICE FOR ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE 'B'.

   e. ALL COSTS TO UTILIZE MILLINGS IN RECYCLED HOT-MIX WILL BE INCIDENTAL TO THE UNIT PRICE BID FOR THE HOT-MIX ITEM USING THE RECYCLED MATERIAL.

   f. SPECIAL PROVISION 302514 - MILLED HOT-MIX BASE COURSE IS PROVIDED TO SPECIFY THE MEANS OF LAY DOWN AND COMPACTION AS WELL AS THE MATERIAL REQUIREMENTS FOR MILLINGS USED AS BASE COURSE. ALL COSTS TO BRING THE MILLINGS INTO COMPLIANCE WITH THE REQUIREMENTS OF ITEM - 302514 MILLED HOT-MIX BASE COURSE ARE INCIDENTAL TO ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE 'B'. NO PAYMENT WILL BE MADE FOR ITEM 302514 - MILLED HOT-MIX BASE COURSE. THE QUANTITY OF MILLINGS USED FOR BASE COURSE WILL BE PAID FOR UNDER ITEM 302007 - GRADED AGGREGATE BASE COURSE.

SECTION 600

18. THE DEPARTMENT AND THE CONTRACTOR SHALL INSPECT ALL EXISTING PIPES AND DRAINAGE STRUCTURES TO BE USED IN THE FINAL DRAINAGE SYSTEM AND AGREE ON THE CONDITION PRIOR TO THE START OF CONSTRUCTION. EXISTING PIPES AND DRAINAGE STRUCTURES DAMAGED DUE TO CONTRACTOR OPERATIONS SHALL BE REPAIRED OR REPLACED IN-KIND AT THE CONTRACTOR'S EXPENSE. THE DEPARTMENT WILL VIDEO INSPECT NEW PIPE RUNS TO CONFIRM CONDITION PRIOR TO ACCEPTANCE. PIPE CLEANING PRIOR TO VIDEO INSPECTION AND MAINTENANCE OF TRAFFIC DURING THE VIDEO INSPECTION ARE THE RESPONSIBILITY OF THE CONTRACTOR AND INCIDENTAL TO THE PIPE ITEM THAT IS BEING VIDEO INSPECTED.

SECTION 700

19. IN AREAS WHERE PROPOSED CURB MEETS EXISTING CURB AND THE TWO CURB TYPES ARE NOT SIMILAR, THE PROPOSED CURB SHALL BE TRANSITIONED IN 10 LINEAR FEET, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. PAYMENT FOR THIS WORK, INCLUDING SAW CUTTING EXISTING CURB SHALL BE INCIDENTAL TO THE PROPOSED CURB ITEM.

20. WHERE PROPOSED CONCRETE SIDEWALK IS CONSTRUCTED TO MEET EXISTING SIDEWALK, THE EXISTING SIDEWALK SHALL BE SAWCUT AT THE TIE-IN POINT OR MEET THE NEAREST EXISTING SIDEWALK JOINT. ALL SAW CUTTING SHALL BE FULL DEPTH, UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR UNDER ITEM 762002 - SAWCUTTING, CONCRETE, FULL DEPTH.

21. PORTLAND CEMENT CONCRETE CHANNELIZING ISLANDS THAT ARE LESS THAN 75 SQ FT MAY BE POURED MONOLITHICALLY, OR AS DIRECTED BY THE ENGINEER.

22. STATION AND ELEVATION DATA GIVEN FOR DRAINAGE STRUCTURES ARE TO BE APPLIED TO THE CENTER OF THE GRATE FOR INLETS, AND TO THE CENTER OF THE STRUCTURE FOR JUNCTION BOXES AND MANHOLES.

23. ALL PAVED AREAS TO BE RECONSTRUCTED OR WIDENED SHALL BE SAWCUT AT THE POINT WHERE THE NEW PAVEMENT IS TO TIE INTO THE EXISTING PAVEMENT.

MISCELLANEOUS

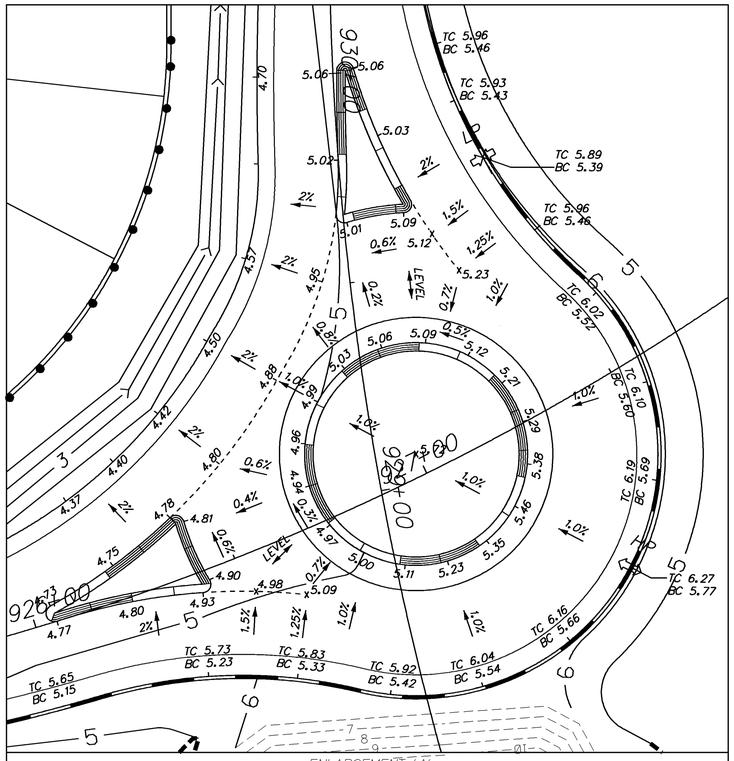
24. THE CONTRACTOR SHALL CONTACT MICHAEL ELLER, THE CHIEF OF SCHEDULING FOR DART FIRST STATE, 14 DAYS PRIOR TO THE START OF CONSTRUCTION AT 302-576-6061.

25. IT IS THE INTENT OF THE CONTRACT TO BALANCE THE MATERIAL (EARTHMOVING AND GRADED AGGREGATE BASE COURSE) WITHIN THE NORTH RV LOT AND NORTH DAY USE PARKING LOT. THE CONTRACTOR SHALL ROUGH GRADE THE PHASE 1 AREA PLACING MATERIAL IN SEPARATE STOCKPILES FOR FUTURE USE IN PHASE 3A (NORTH RV CAMPGROUND CONSTRUCTION), AFTER THE NORTH DAY USE LOT IS COMPLETE AND OPEN. THE CONTRACTOR SHALL BE PAID FOR THE EXCAVATED MEASURED QUANTITIES OF EMBANKMENT PER STANDARD SPECIFICATION SECTION 202. GRADED AGGREGATE BASE COURSE SHALL BE MEASURED AND PAID PER STANDARD SPECIFICATION 302. NO ADDITIONAL PAYMENT SHALL BE MADE FOR STOCKPILING OR RELOCATING STOCKPILES OF EXCAVATED SOIL OR AGGREGATE FOR FUTURE USE. SHOULD EXCESS MATERIAL IN THE STOCKPILES REMAIN AT END OF PHASE 3A, THE CONTRACTOR SHALL BE REQUIRED TO DISPOSE OF THE MATERIALS OFFSITE AT NO ADDITIONAL COST TO DELDOT.

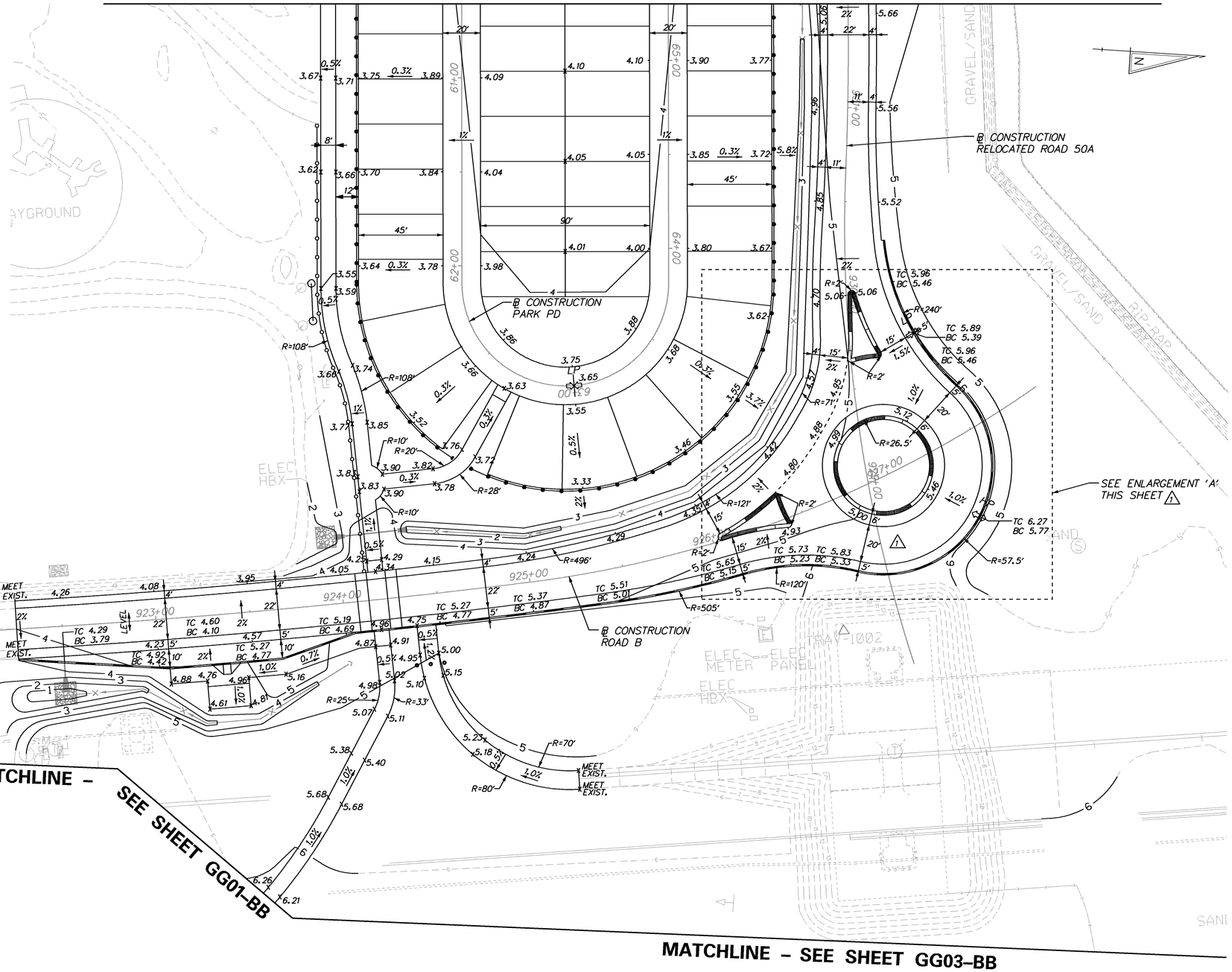
26. THE CONTRACTOR SHALL PLACE THE EXISTING RECYCLED CRUSHED CONCRETE, CURRENTLY STOCKPILED UNDER THE BRIDGE ON THE SOUTH SIDE OF THE INLET, IN THE BASE OF THE SOUTHEAST DAY USE LOT - NORTH PARKING LOT PAVING. THE RECYCLED CRUSHED CONCRETE SHALL BE PLACED IN A CONTINUOUS LAYER TOPPED WITH A LAYER OF GRADED AGGREGATE BASE COURSE. THE COST OF THIS WORK SHALL BE PAID FOR UNDER ITEM 302513, CRUSHED P.C. CONCRETE BASE COURSE. THE CONTRACTOR SHALL NOT BE ALLOWED TO MIX DIFFERENT MATERIALS (OR SIMILAR MATERIALS FROM DIFFERENT SOURCES) TO MEET THE REQUIREMENTS OF 302513 CRUSHED P.C. CONCRETE BASE COURSE. ANY RELOCATION OF THIS MATERIAL SHALL BE INCIDENTAL TO 302513 CRUSHED P.C. CONCRETE BASE COURSE.

27. INTERIM MILESTONE: THE CONTRACTOR SHALL COMPLETE ALL WORK LISTED IN PHASES ONE AND TWO, INCLUDING RECEIPT OF ALL CERTIFICATES OF OCCUPANCY FOR THE FOLLOWING BUILDINGS NO LATER THAN 12 MAY 2014:
BLDG #2 ADMIN CONTACT STATION- NORTH DAY USE PARKING LOT
BLDG #9 SOUTHWEST BATH HOUSE-SOUTH TENT CAMPGROUND
BLDG #8 SOUTHEAST BATH HOUSE-SOUTH TENT CAMPGROUND
BLDG #1E SOUTHEAST CONTACT STATION-DAY USE PARKING LOT
BLDG #1W SOUTH WEST CONTACT STATION-SOUTH RV CAMPGROUND
FAILURE TO COMPLETE ALL WORK REQUIREMENTS FOR THE INTERIM MILESTONE BY 12 MAY 2014 SHALL RESULT IN THE ASSESSMENT OF A PARK USER COST IN THE AMOUNT OF $2,460.00 PER DAY.

28. THE CONTRACTOR SHALL COMPLETE ALL WORK LISTED IN PHASE THREE INCLUDING RECEIPT OF ALL CERTIFICATES OF OCCUPANCY FOR THE FOLLOWING BUILDINGS NO LATER THAN 29 AUGUST 2014:
BLDG #3 RV LAUNDRY FACILITY-NORTH RV PARK
BLDG #4 RV SHOWER FACILITY-NORTH RV PARK
BLDG #5 BATH HOUSE-NORTH DAY USE PARKING LOT
FAILURE TO COMPLETE ALL WORK IN PHASE THREE INCLUDING RECEIPT OF ALL CERTIFICATES OF OCCUPANCY FOR THE PREVIOUSLY MENTIONED BUILDINGS NO LATER THAN 29 AUGUST 2014 WILL RESULT IN THE ASSESSMENT OF A PARK USER COST IN THE AMOUNT OF $1,230.00 PER DAY IN ADDITION TO LIQUIDATED DAMAGES.



MATCHLINE – SEE SHEET GG07–BB



NOTES:

1. *UNLESS OTHERWISE NOTED, POINT GEOMETRY IS GIVEN TO EDGE OF PAVEMENT.*

2. *UNLESS OTHERWISE NOTED, RADII ARE GIVEN TO EDGE OF PAVEMENT.*

3. *ALL PROPOSED CONTOURS ALL SHOWN AT 1' INTERVALS.*

4. *PROPOSED CURB OR PAVEMENT THAT TIES INTO EXISTING PAVEMENT OR EXISTING CURB SHALL MATCH THE EXISTING PAVEMENT OR CURB ELEVATIONS. POSITIVE DRAINAGE SHALL BE MAINTAINED.*

5. *EXISTING CONTOURS SHOWN AROUND AND UNDER BRIDGE ARE FROM DELDOT CONTRACTS 26-073-01 AND 29-073-01*

5/17/2013 3:28:29 PM
\\BALSRV02\V2009\2009\09020_IRP\CADD\CONTRACTNUMBER\PLANS\CP_GG05_BB_IRP.DGN

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS	
ADDENDUM NO. 1 REVISED GRADING	
5/17/2013, RLS	

SCALE
0 30 60 90
FEET

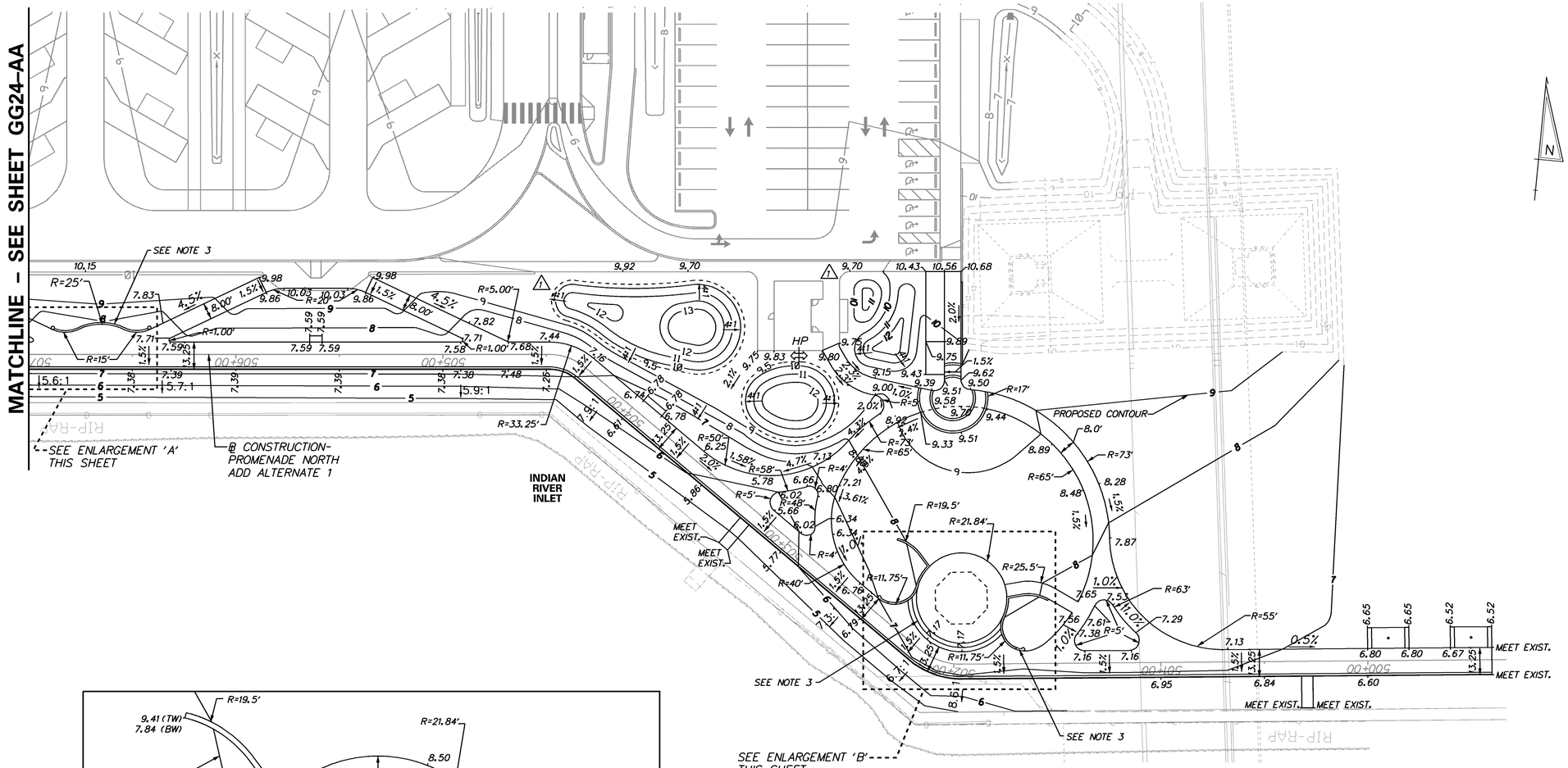
INDIAN RIVER INLET PARK ENHANCEMENTS

CONTRACT	BRIDGE NO.	X
T200507303	DESIGNED BY: RK&K	
COUNTY	CHECKED BY: RK&K	
SUSSEX		

GRADES AND GEOMETRICS GRADING PLAN (BASE BID)

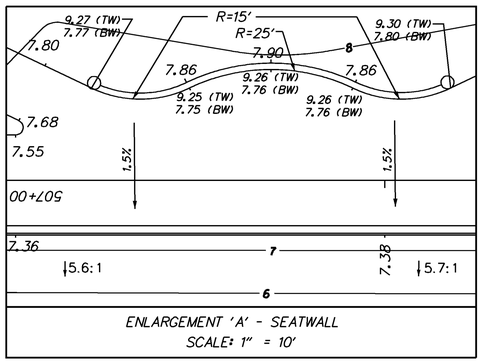
GG05-BB
SHEET NO. 48
TOTAL SHTS. 282

MATCHLINE – SEE SHEET GG24-AA

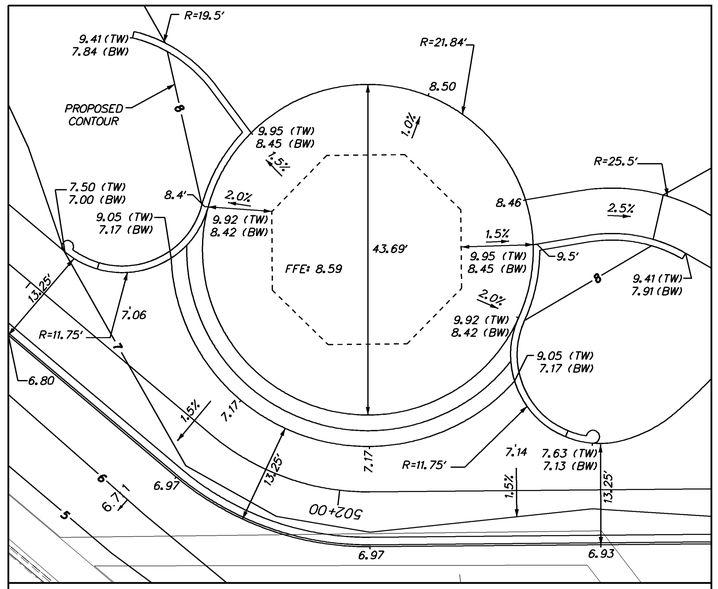


NOTES:

1. UNLESS OTHERWISE NOTED, POINT GEOMETRY IS GIVEN TO EDGE OF PAVEMENT.
2. UNLESS OTHERWISE NOTED, RADII ARE GIVEN TO EDGE OF PAVEMENT.
3. ALL PROPOSED CONTOURS ARE SHOWN AT 1' INTERVALS.
4. PROPOSED CURB OR PAVEMENTS THAT TIE INTO EXISTING PAVEMENT OR EXISTING CURB SHALL MATCH THE EXISTING PAVEMENT OR CURB ELEVATIONS. POSITIVE DRAINAGE SHALL BE MAINTAINED.
5. EXISTING CONTOURS SHOWN AROUND AND UNDER BRIDGE ARE FROM CONTRACTS 26-073-01 AND 29-073-01.
6. SEE LANDSCAPE PLAN FOR STEP AND SEATWALL DETAILS.



ENLARGEMENT 'A' - SEATWALL
SCALE: 1" = 10'



ENLARGEMENT 'B' - BUILDING 7A
SCALE: 1" = 10'

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS	
ADDENDUM NO. 1 REVISED GRADING	
5/17/2013, RLS	

SCALE
0 30 60 90
FEET

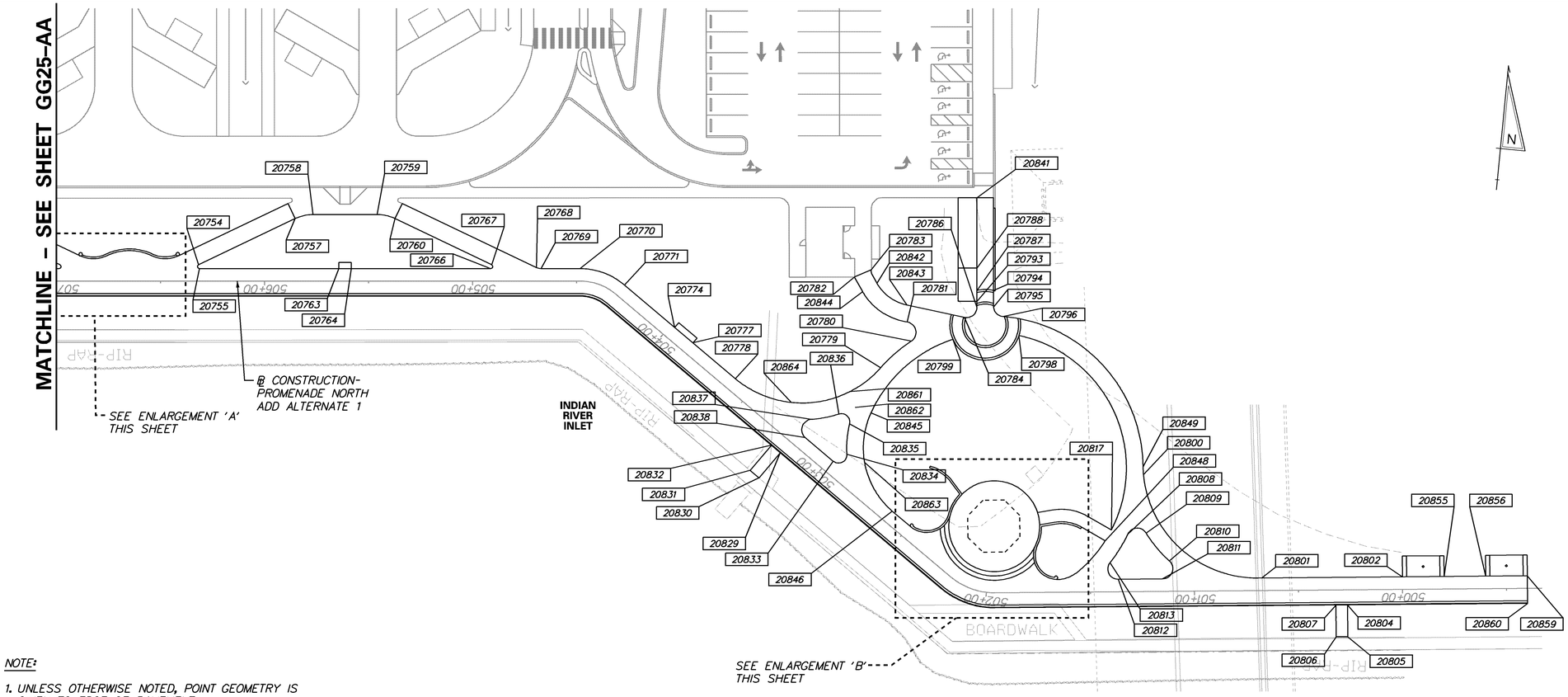
INDIAN RIVER INLET PARK ENHANCEMENTS

CONTRACT	T200507303	BRIDGE NO. X
COUNTY	SUSSEX	DESIGNED BY: RK&K
		CHECKED BY: RK&K

GRADES AND GEOMETRICS GRADING PLAN (ADD ALTERNATE 1)

	GG22-AA
SHEET NO.	65
TOTAL SHTS.	282

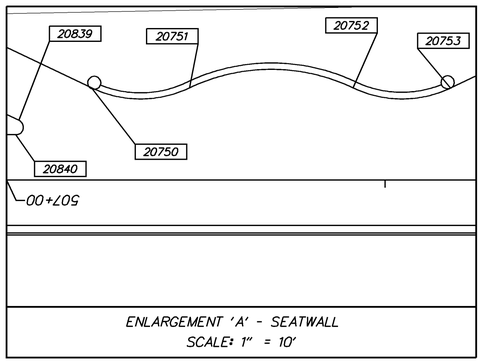
COORDINATE LIST			
POINT NO.	NORTHING	EASTING	ELEVATION
20750	222038.10	756459.41	7.76
20751	222039.38	756472.28	7.75
20752	222041.48	756493.75	7.76
20753	222042.74	756506.61	7.80
20754	222039.42	756516.59	7.71
20755	222037.56	756517.21	7.59
20757	222065.96	756560.60	9.86
20758	222068.73	756568.96	10.03
20759	222071.77	756599.63	10.03
20760	222070.67	756608.40	9.86
20763	222044.12	756583.90	7.59
20764	222044.70	756589.87	7.59
20766	222051.25	756656.54	7.58
20767	222053.19	756656.78	7.71
20768	222053.89	756678.39	7.68
20769	222053.61	756680.58	7.68
20770	222055.43	756699.12	7.44
20771	222049.73	756721.22	7.16
20774	222031.84	756747.27	6.78
20777	222025.29	756756.73	6.78
20778	222010.16	756778.70	6.25
20779	222022.14	756847.63	7.94
20780	222036.38	756861.13	8.80
20781	222045.27	756858.27	9.00
20782	222064.27	756830.86	~~9.63~~ 9.80 ⚠1
20783	222068.52	756838.48	9.75
20784	222050.19	756885.39	9.39
20786	222055.65	756890.93	9.51
20787	222063.65	756890.14	9.67
20788	222074.32	756889.08	9.89
20793	222058.45	756890.65	9.57
20794	222064.43	756898.10	9.78
20795	222056.54	756898.88	9.51
20796	222052.41	756903.91	9.50
20798	222044.03	756912.37	9.44
20799	222039.12	756881.01	9.33
20800	221983.44	756978.47	7.81
20801	221939.44	757039.77	7.13
20802	221946.63	757107.16	6.80
20804	221930.64	757082.19	6.72
20805	221915.48	757083.79	MEET EXIST.
20806	221914.89	757078.28	MEET EXIST.
20807	221930.05	757076.67	6.75
20808	221954.28	756973.82	7.61
20809	221955.61	756982.48	7.53
20810	221943.37	756994.92	7.29
20811	221934.38	756992.47	7.16
20812	221932.13	756971.34	7.16
20813	221939.81	756966.61	7.38
20814	221955.32	756951.31	7.91
20815	221954.47	756931.16	8.45
20816	221960.79	756953.78	7.93
20817	221955.38	756965.75	7.65
20818	221962.16	756936.59	8.31
20819	221960.26	756929.59	8.46
20820	221965.57	756892.65	8.45
20821	221976.51	756875.82	7.84
20823	221947.51	756869.70	7.00
20824	221948.05	756883.75	7.17
20825	221936.32	756930.48	7.17
20826	221929.13	756941.52	7.13
20829	221976.85	756803.72	5.37
20830	221963.82	756794.68	MEET EXIST.
20831	221966.97	756790.11	MEET EXIST.
20832	221980.00	756799.15	5.37
20833	221975.25	756829.41	6.02
20834	221979.19	756835.63	6.34
20835	221993.81	756835.50	6.80
20836	221998.06	756829.96	6.66



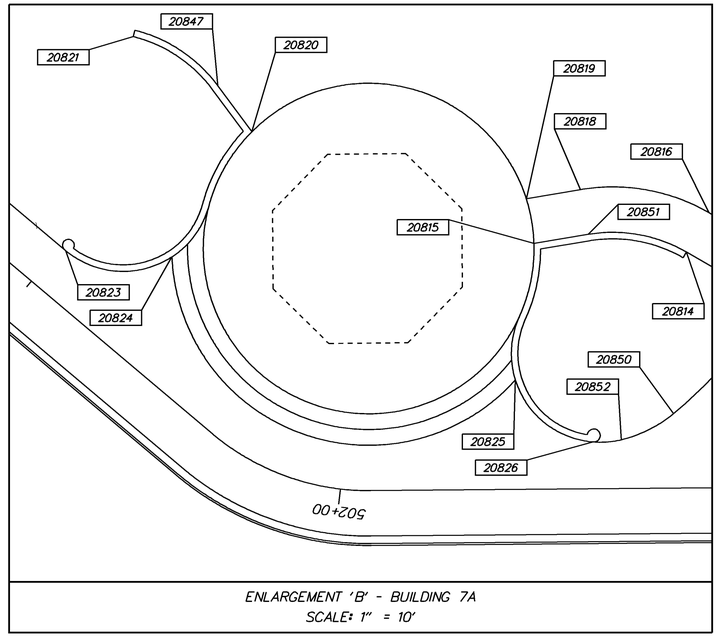
NOTE:

1. UNLESS OTHERWISE NOTED, POINT GEOMETRY IS GIVEN TO EDGE OF PAVEMENT.

COORDINATE LIST			
POINT NO.	NORTHING	EASTING	ELEVATION
20837	221994.20	756816.99	6.02
20838	221985.16	756815.01	5.66
20839	222032.90	756450.27	7.68
20840	222030.96	756450.03	7.55
20841	222108.03	756885.75	10.56
20842	222062.40	756842.05	9.57
20843	222053.36	756857.44	9.15
20844	222057.74	756835.55	~~9.48~~ 9.62 ⚠1
20845	222000.09	756845.23	7.21
20846	221954.18	756860.01	6.76
20847	221971.16	756887.58	8.10
20848	221949.94	756963.22	7.56
20849	221987.15	756977.89	7.87
20850	221933.94	756951.73	7.26
20851	221956.37	756938.17	8.27
20852	221929.79	756945.19	7.14
20855	221948.75	757127.04	6.80
20856	221950.88	757146.93	6.67
20859	221953.00	757166.82	MEET EXIST.
20860	221939.83	757168.22	MEET EXIST.
20861	222009.23	756833.89	7.13
20862	222001.92	756837.41	7.05
20863	221976.23	756844.45	6.34
20864	222001.35	756806.73	5.78



ENLARGEMENT 'A' - SEATWALL
SCALE: 1" = 10'



ENLARGEMENT 'B' - BUILDING 7A
SCALE: 1" = 10'

5/17/2013 1:32:01 PM
\\BALSRV02\V2009\2009\09020_IRP\CADD\CONTRACTNUMBER\PLANS\CP_GG23_AA_IRP.DGN

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS	
ADDENDUM NO. ⚠1 REVISED ELEVATIONS	
5/17/2013, RLS	

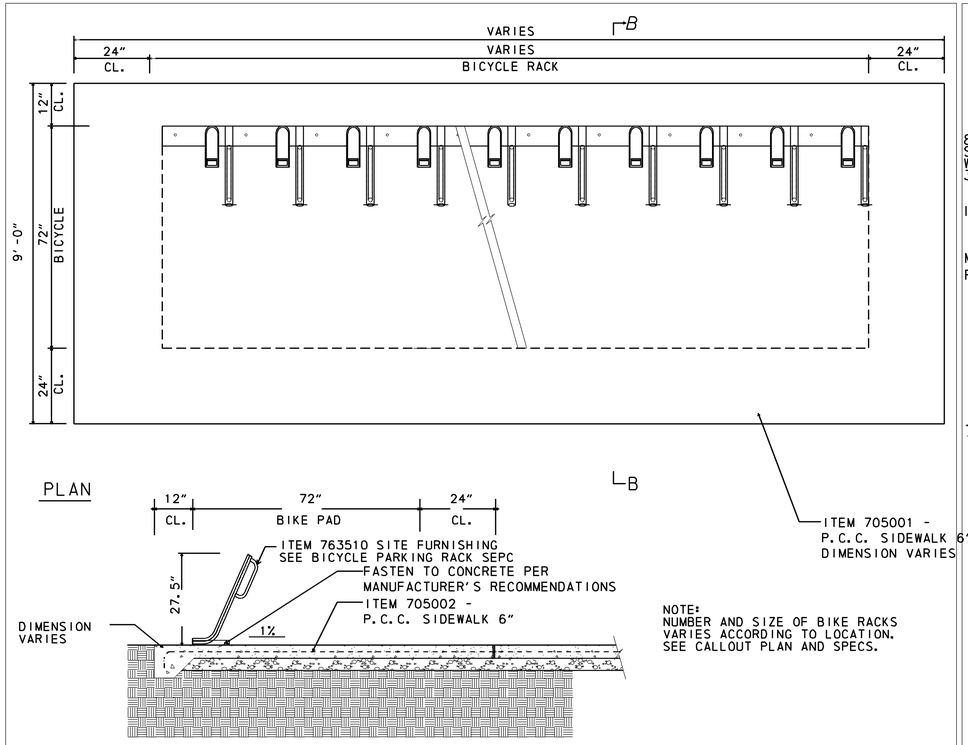
SCALE
0 30 60 90
FEET

INDIAN RIVER INLET PARK ENHANCEMENTS

CONTRACT	BRIDGE NO.	X
T200507303	DESIGNED BY: RK&K	
COUNTY	CHECKED BY: RK&K	
SUSSEX		

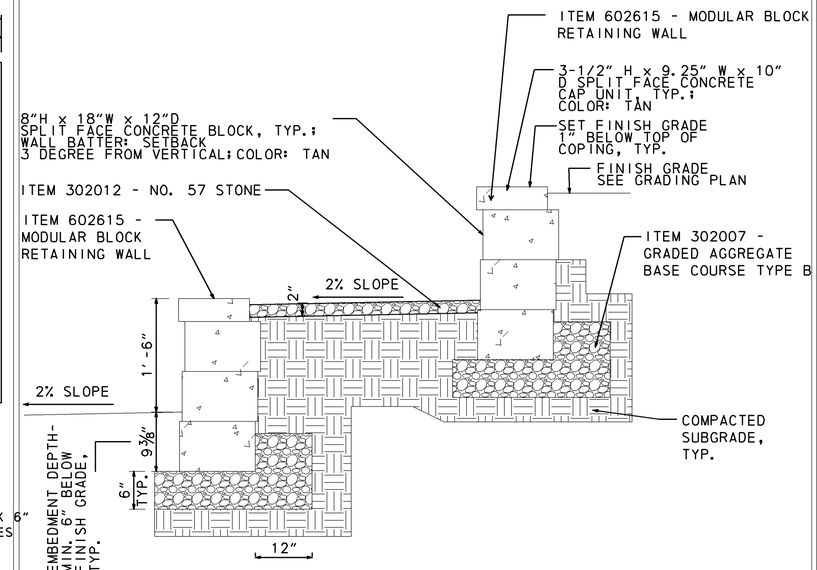
GRADES AND GEOMETRICS STAKEOUT PLAN (ADD ALTERNATE 1)

GG23-AA
SHEET NO. 66
TOTAL SHTS. 282



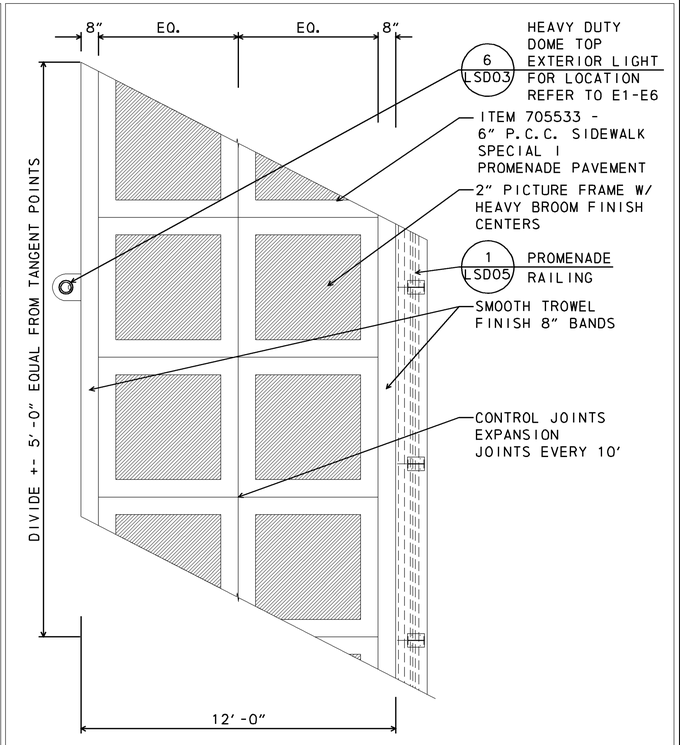
1 LSD03 BIKE RACK

SCALE 1/2"= 1'



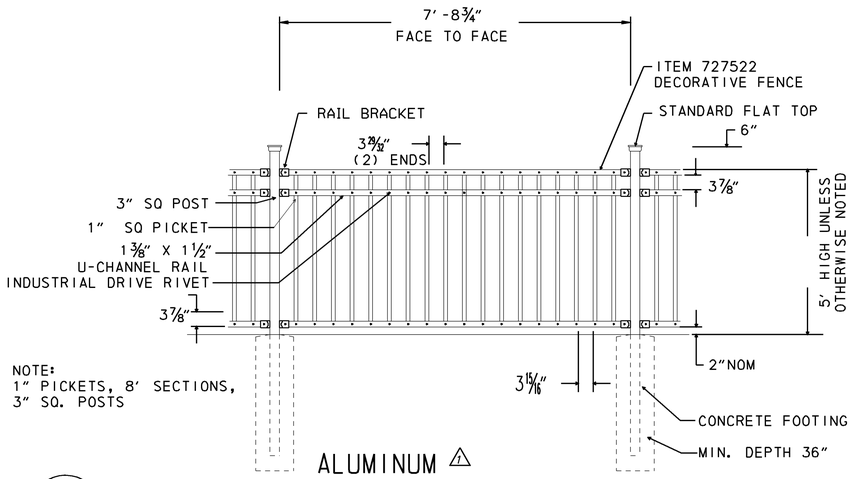
2 LSD03 AMPHITHEATER SEATING

SCALE 1"= 1'



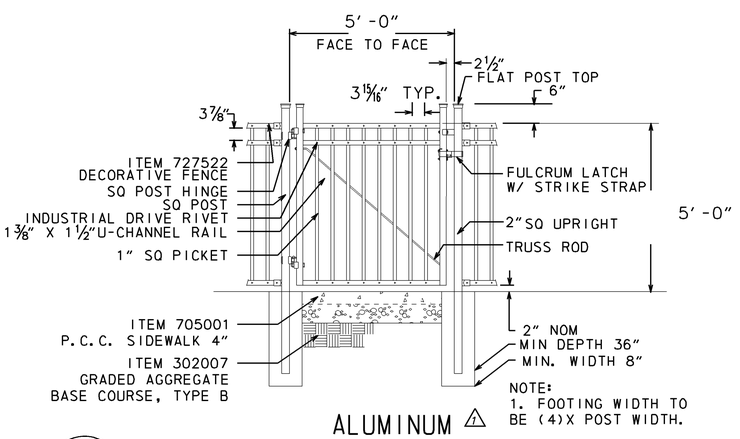
3 LSD03 TYP. PROMENADE PAVEMENT PATTERN

SCALE 3"= 1'



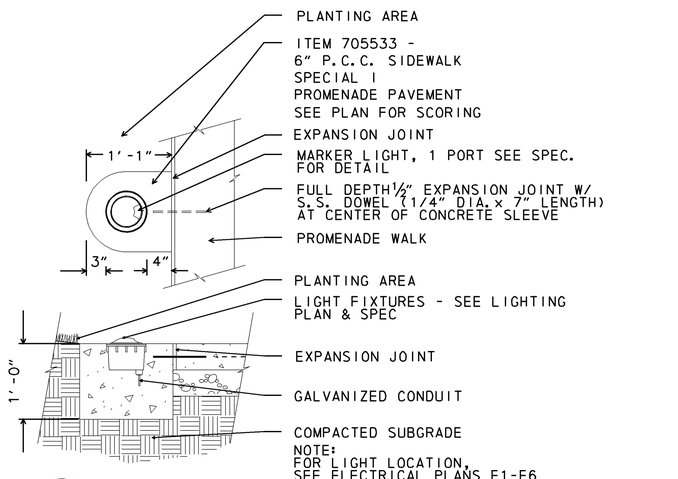
4 LSD03 3 RAIL TUBULAR ~~STEEL~~ 5 'FENCE

SCALE 1/2"= 1'



5 LSD03 3 RAIL TUBULAR ~~STEEL~~ 5'-0" WIDE GATE

SCALE 1/2"= 1'



6 LSD03 HEAVY DUTY DOME TOP EXTERIOR LIGHT

SCALE 1"= 1'

W:\MSV8\CELLS\PROJDEV\SB.CEL

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS	
ADDENDUM NO. 1 REVISED DETAIL TITLE	
5/17/2013, RLS	

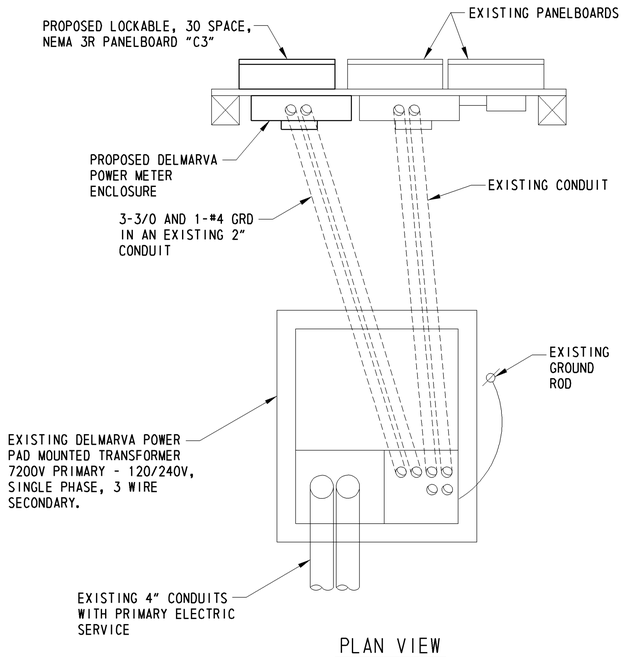
AS SHOWN

INDIAN RIVER INLET
PARK ENHANCEMENTS

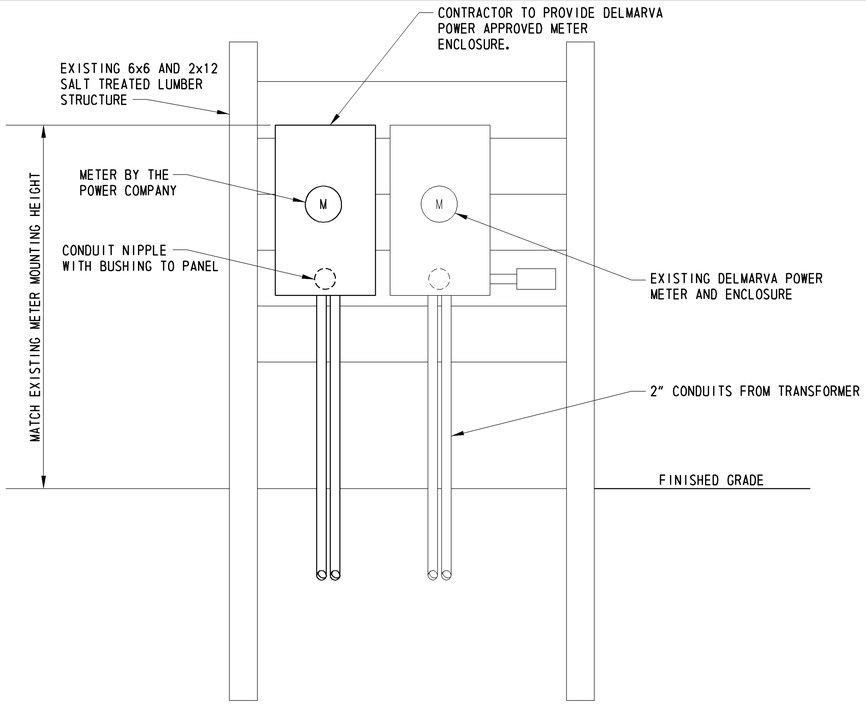
CONTRACT	BRIDGE NO.	X
T200507303	DESIGNED BY: RK&K	
COUNTY	CHECKED BY: RK&K	
SUSSEX		

LANDSCAPING DETAIL

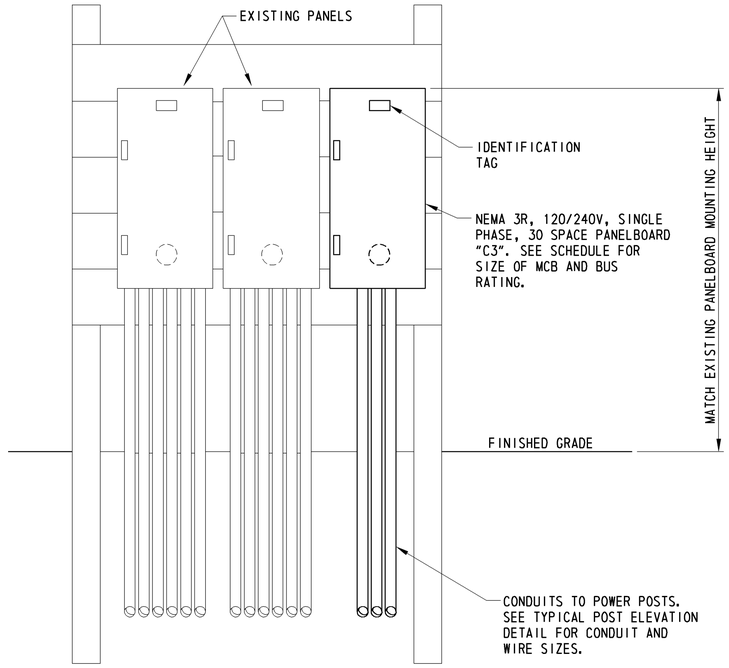
LSD03
SHEET NO.
147
TOTAL SHTS.
282



PLAN VIEW



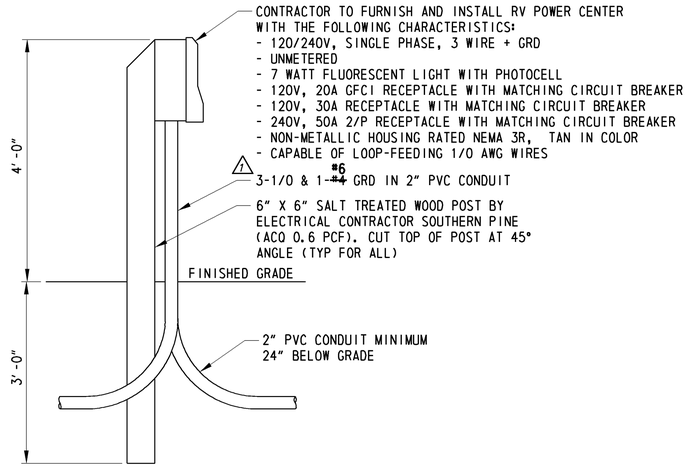
REAR VIEW



FRONT VIEW

EXISTING DISTRIBUTION CENTER "C" DETAIL/ELEVATIONS

NTS

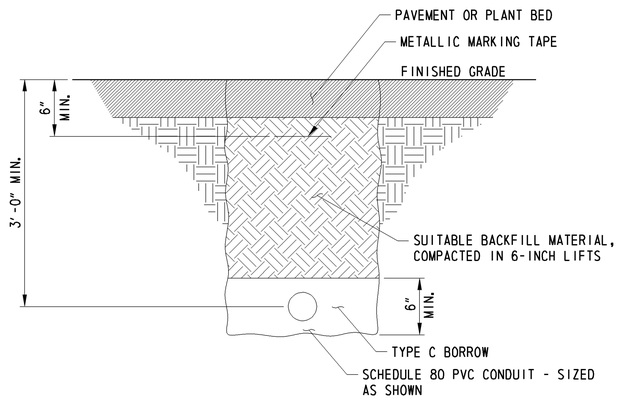


NOTES:

1. MATERIAL AND SIZE OF ATTACHMENT CLAMPS AND SCREWS SHALL BE APPROVED BY THE ENGINEER.
2. SEE ROADWAY DETAILS FOR EXACT LOCATION OF POST IN RESPECT TO THE RV PARKING PAD.

TYPICAL POWER POST ELEVATION

NTS

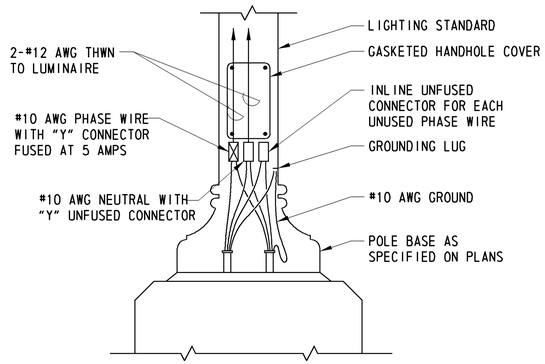


DIRECT BURIED CONDUIT DETAIL

NTS

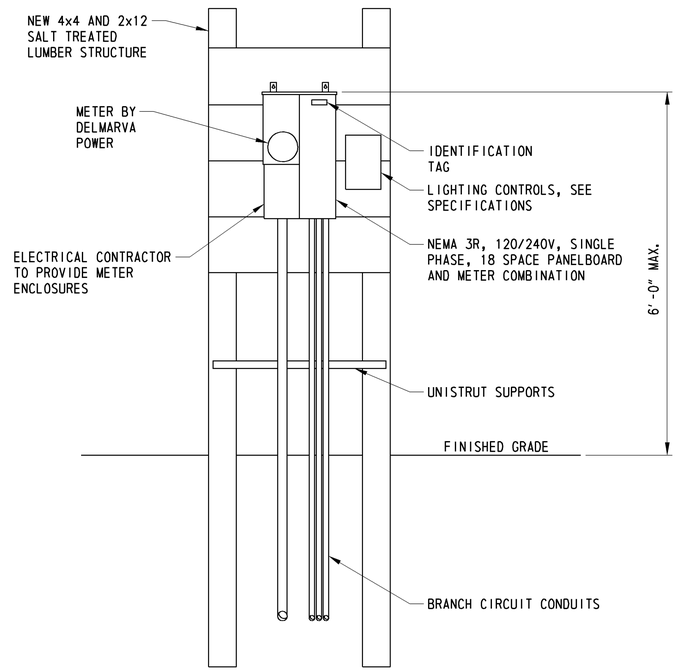
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	NOT TO SCALE	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	ELECTRICAL DETAILS	E7 SHEET NO. 159
	ADDENDUM NO. 1 REVISED NOTE 5/17/2013, RLS			COUNTY SUSSEX	DESIGNED BY: RK&K CHECKED BY: RK&K		TOTAL SHTS. 282

5/17/2013 1:35:04 PM
\\BALSRV02\V2009\2009\09020_IRP\CADD\CONTRACTNUMBER\PLANS\CP_E7_IRP.DGN



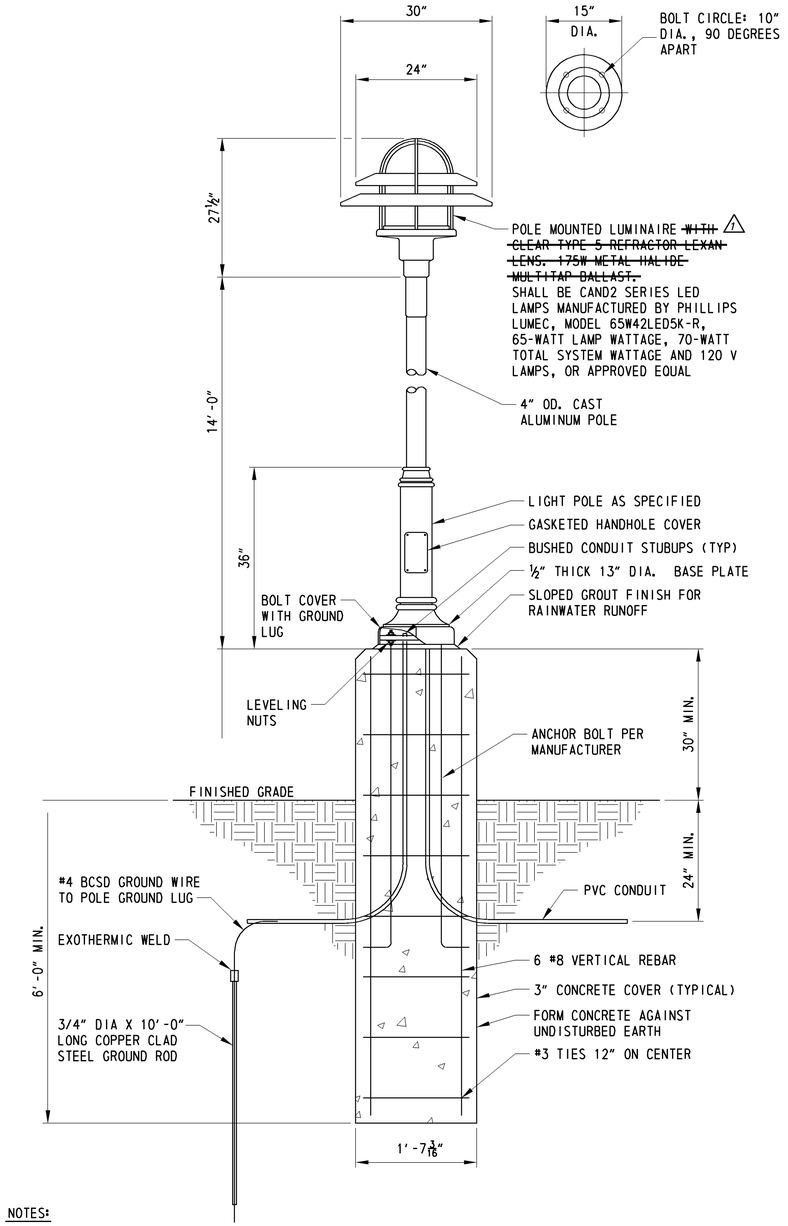
TYPICAL LUMINAIRE CONNECTION

NTS



SOUTH SIDE PROMENADE PANELBOARD ELEVATION

NTS

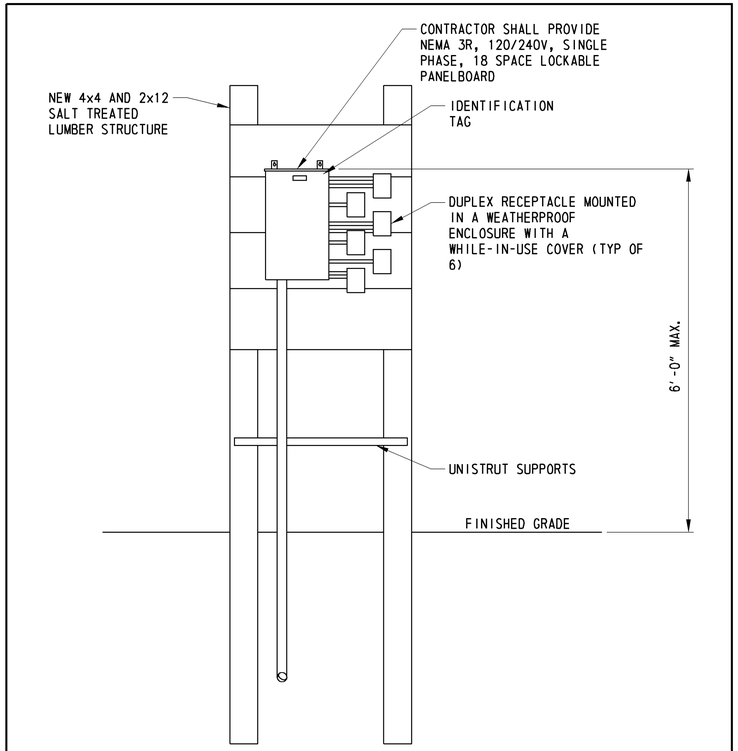


NOTES:

1. ALL REINFORCING STEEL TO BE ASTM A615, GRADE 60.
2. ALL CONCRETE SHALL BE CLASS A.
3. GROUNDWATER MAY BE ENCOUNTERED DURING EXCAVATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO USE PROPER DEWATERING TECHNIQUES DURING CONSTRUCTION.
4. TEMPORARY CASING WILL BE REQUIRED FOR THE DRILLED SHAFT FOUNDATION IF UNSTABLE MATERIAL IS ENCOUNTERED DURING EXCAVATION.

TYPICAL POST MOUNTED LIGHT FIXTURE DETAIL

NTS



SOUTH SIDE AMPHITHEATER PANELBOARD ELEVATION

NTS

5/17/2013 11:41:27 PM
\\BALSRV02\V2009\2009\09020_IRP\CADD\CONTRACTNUMBER\PLANS\CP_E9_IRP.DGN

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS	
ADDENDUM NO. 1 REVISED NOTE	
5/17/2013, RLS	

NOT TO SCALE

INDIAN RIVER INLET PARK ENHANCEMENTS

CONTRACT	BRIDGE NO.	X
T200507303	DESIGNED BY: RK&K	
COUNTY	CHECKED BY: RK&K	
SUSSEX		

ELECTRICAL DETAILS

E9	
SHEET NO.	161
TOTAL SHTS.	282

MATCHLINE – SEE SHEET UT02

MATCHLINE – SEE SHEET UT02

N

SR1 /COASTAL HIGHWAY

ACCESS ROAD A

1-34-5.00-3.00
STATE OF DELAWARE
D.B. 1857-073
FORMERLY:
STATE OF DELAWARE PUBLIC LANDS
KNOWN AS PARCEL NO. 12-S

1-34-2.00-1.00
UNITED STATES
OF AMERICA
D.B. 311-486

INDIAN
RIVER
INLET

Ⓑ CONSTRUCTION
SOUTH DAY USE
LOT ENTRANCE

SOUTH DAY USE LOT
(NORTH LOT)

EXIST. TRANSFORMER (DND)

SOUTH DAY USE LOT
(SOUTH LOT)

EXIST. TRANSFORMER (DND)

VERIZON PEDESTAL (RM O)

PROPOSED VERIZON
PEDESTAL

PROPOSED VERIZON
17 LF 2" PVC CONDUIT

BUILDING 1E

CAP ELECTRIC CONDUIT

ELECTRICAL OUTLET (RM C)

WATER SPIGOT (RM C)

PROPOSED VERIZON
88 LF 2-2" PVC CONDUITS

WATER METER (RM C)

FIRE HYDRANT (A C)

WATER VALVE (A C)

SANITARY MANHOLE (A C)

ELECTRICAL OUTLET (RM C)

CAP ELECTRIC
CONDUIT

PROPOSED WATER
23 LF - ~~2"~~ PVC
3/4"

EXISTING SANITARY
MANHOLE NO. 10
TOP: 8.81
INV: 1.73

SANITARY
MANHOLE (A C)

2" PRW

HOSE STATION
SEE UTILITY
DETAIL

CONNECT TO VERIZON RATE
DEMARK AT EXISTING BATH
HOUSE

SANITARY MANHOLE (DND)

SANITARY MANHOLE (DND)

SANITARY MANHOLE (DND)

4" WATER WITH
3/4" CORP STOP

3/4" ISOLATION VALVE

3/4"x1" INCREASING ELBOW.
1" SUPPLY PIPE WITH 2" RISER
1"x3/4" REDUCING ELBOW WITH
3/4" GARDEN HOSE END SPIGOT.

HOSE STATION WATER
CONNECTION DETAIL

CONNECT TO BUILDING
VERIZON SEE MEP
PLANS

BLDG
IE

PROPOSED VERIZON
88 LF 2-2" PVC
CONDUITS

ENLARGEMENT 'A' - BUILDING IE UTILITIES
SCALE: 1" = 10'

GENERAL NOTES:

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE SUSSEX COUNTY STANDARD SPECIFICATIONS FOR DESIGN AND CONSTRUCTION OF ORDINANCE NO. 38 PROJECTS AND THE PROJECT TECHNICAL SPECIFICATIONS, IN CASE OF CONFLICT, THE PROJECT TECHNICAL SPECIFICATIONS SHALL GOVERN.
2. THE LOCATION OF ALL UNDERGROUND UTILITIES AND FEATURES SHOWN ARE APPROXIMATE ONLY AND NO GUARANTEE IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN ON THE PLAN. THE CONTRACTOR SHALL FIELD VERIFY BOTH HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO BEGINNING ANY CONSTRUCTION AT NO ADDITIONAL COST. THE CONTRACTOR SHALL CONTACT MISS UTILITY (1-800-282-8555) PRIOR TO THE BEGINNING OF ANY CONSTRUCTION ACTIVITY.
3. BUTTRESSES NOT SHOWN. ALL BUTTRESSES TO BE CONSTRUCTED IN ACCORDANCE WITH THE SUSSEX COUNTY STANDARD SPECIFICATION FOR DESIGN AND CONSTRUCTION OF ORDINANCE 38 PROJECTS.
4. FULL DEPTH PAVEMENT PATCHING SECTION SHALL MATCH THE PROJECT FULL DEPTH PAVEMENT SECTION.
5. SEE ARCHITECTURAL/MEP PLANS FOR BUILDING 1E UTILITIES AND PIPING
6. SEE ELECTRICAL PLANS FOR ELECTRICAL LAYOUT AND DETAILS.
7. ALL PROPOSED CIVIL/SITE UTILITIES TERMINATE 5' FROM FACE OF PROPOSED OR EXISTING BUILDING.
8. SEE UTILITY RELOCATION DETAILS FOR VERIZON DIRECT BURIED CONDUIT DETAIL.

5/17/2013 1:53:02 PM
\\BALSRV02\V2009\2009\090220.IRP\CADD\CONTRACTNUMBER\PLANS\CP_UT01.IRP.DGN

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS	
ADDENDUM NO. 1 REVISED NOTE	
5/17/2013, RLS	

SCALE
0 50 100 150
FEET

INDIAN RIVER INLET
PARK ENHANCEMENTS

CONTRACT	T200507303
COUNTY	SUSSEX
BRIDGE NO.	X
DESIGNED BY:	RK&K
CHECKED BY:	RK&K

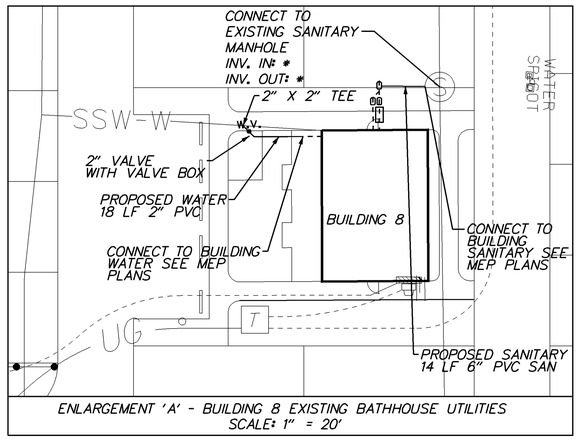
UTILITY RELOCATION PLAN
(WATER, SEWER, VERIZON)

	UT01
SHEET NO.	168
TOTAL SHTS.	282

MATCHLINE – SEE SHEET UT03

1-34-5.00-2.00
STATE OF DELAWARE
D.B. 1857-073
FORMERLY:
STATE OF DELAWARE PUBLIC LANDS
KNOWN AS PARCEL NO. 11-S

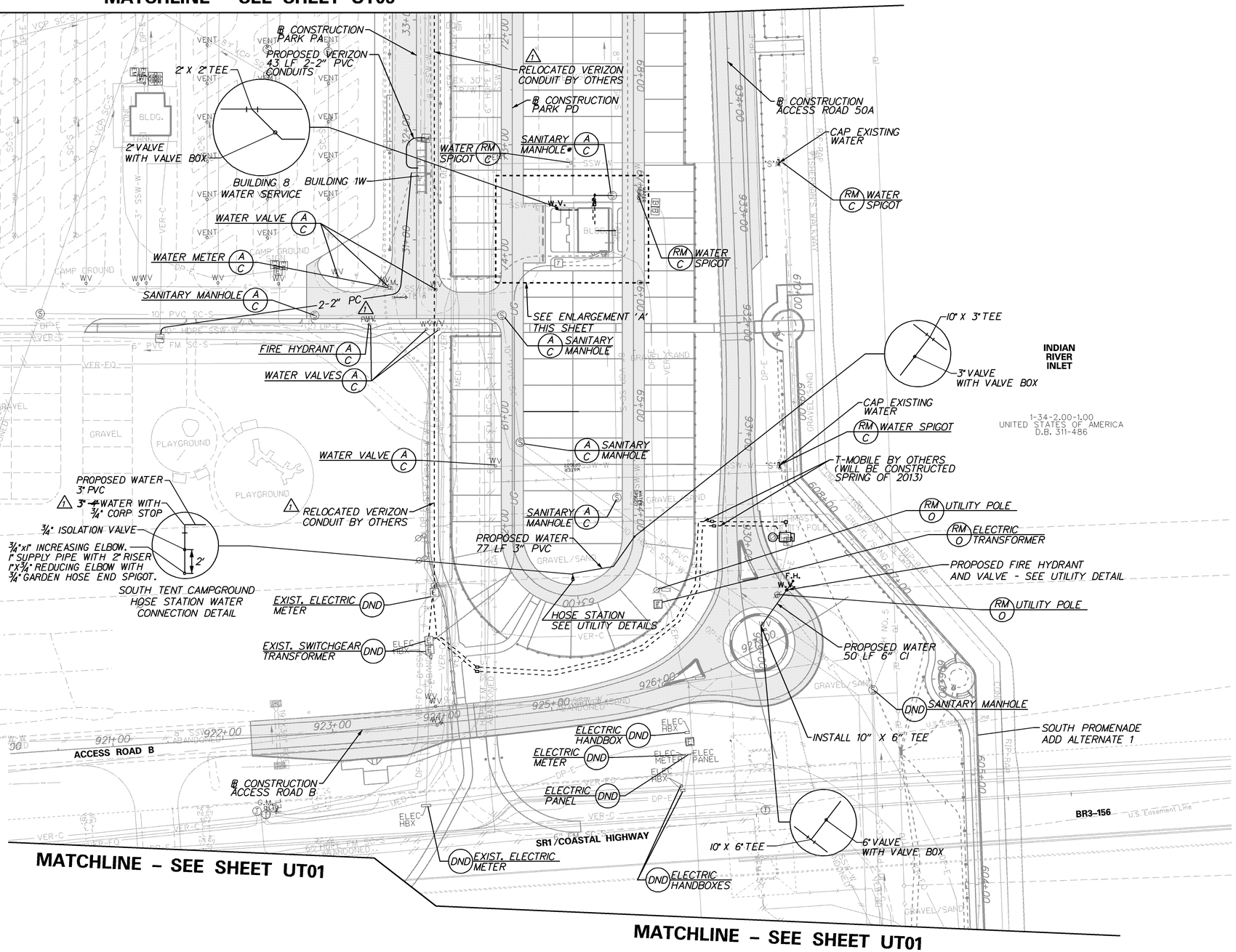
* CONTRACTOR TO FIELD VERIFY EXISTING SANITARY SYSTEM AND VERIFY THAT THE PROPOSED BUILDING SANITARY SYSTEM WILL PROVIDE POSITIVE OUTFLOW. CONTRACTOR TO SUBMIT VERIFICATION TO THE ENGINEER PRIOR TO BEGINNING CONSTRUCTION OR ORDERING ANY MATERIAL ASSOCIATED WITH THE PROPOSED SANITARY SYSTEM



ENLARGEMENT 'A' - BUILDING 8 EXISTING BATHHOUSE UTILITIES
SCALE: 1" = 20'

GENERAL NOTES:

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE SUSSEX COUNTY STANDARD SPECIFICATIONS FOR DESIGN AND CONSTRUCTION OF ORDINANCE NO. 38 PROJECTS AND THE PROJECT TECHNICAL SPECIFICATIONS, IN CASE OF CONFLICT, THE PROJECT TECHNICAL SPECIFICATIONS SHALL GOVERN.
2. THE LOCATION OF ALL UNDERGROUND UTILITIES AND FEATURES SHOWN ARE APPROXIMATE ONLY AND NO GUARANTEE IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN ON THE PLAN. THE CONTRACTOR SHALL FIELD VERIFY BOTH HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO BEGINNING ANY CONSTRUCTION AT NO ADDITIONAL COST. THE CONTRACTOR SHALL CONTACT MISS UTILITY (1-800-282-8555) PRIOR TO THE BEGINNING OF ANY CONSTRUCTION ACTIVITY.
3. BUTTRESSES NOT SHOWN. ALL BUTTRESSES TO BE CONSTRUCTED IN ACCORDANCE WITH THE SUSSEX COUNTY STANDARD SPECIFICATION FOR DESIGN AND CONSTRUCTION OF ORDINANCE 38 PROJECTS.
4. FULL DEPTH PAVEMENT PATCHING SECTION SHALL MATCH THE PROJECT FULL DEPTH PAVEMENT SECTION.
5. SEE ARCHITECTURAL/MEP PLANS FOR BUILDING 8 UTILITIES AND PROPANE PIPING.
6. SEE ELECTRICAL PLANS FOR ELECTRICAL LAYOUT AND DETAILS.
7. ALL PROPOSED CIVIL/SITE UTILITIES TERMINATE 5' FROM FACE OF PROPOSED OR EXISTING BUILDING.

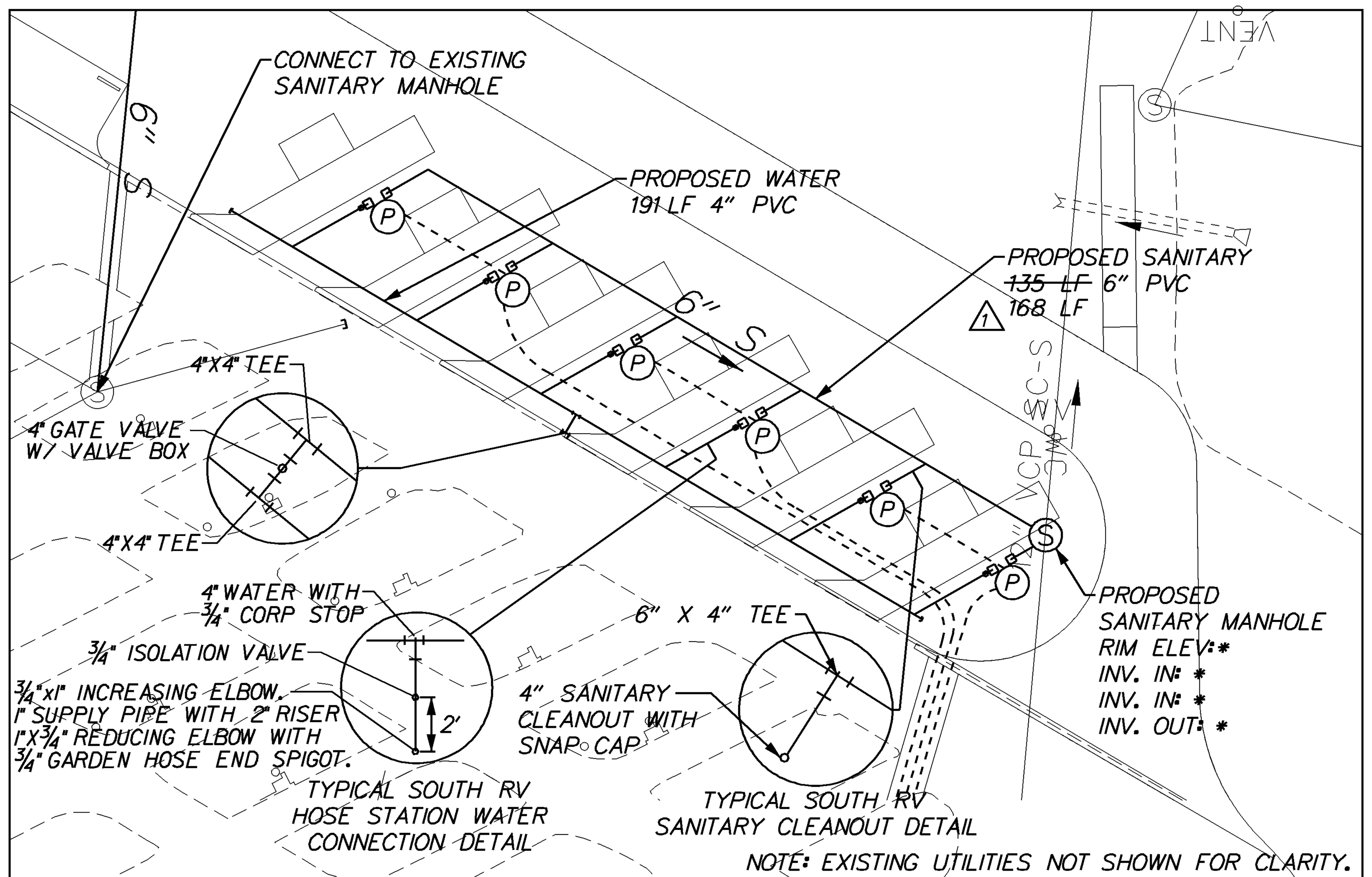


MATCHLINE – SEE SHEET UT01

MATCHLINE – SEE SHEET UT01

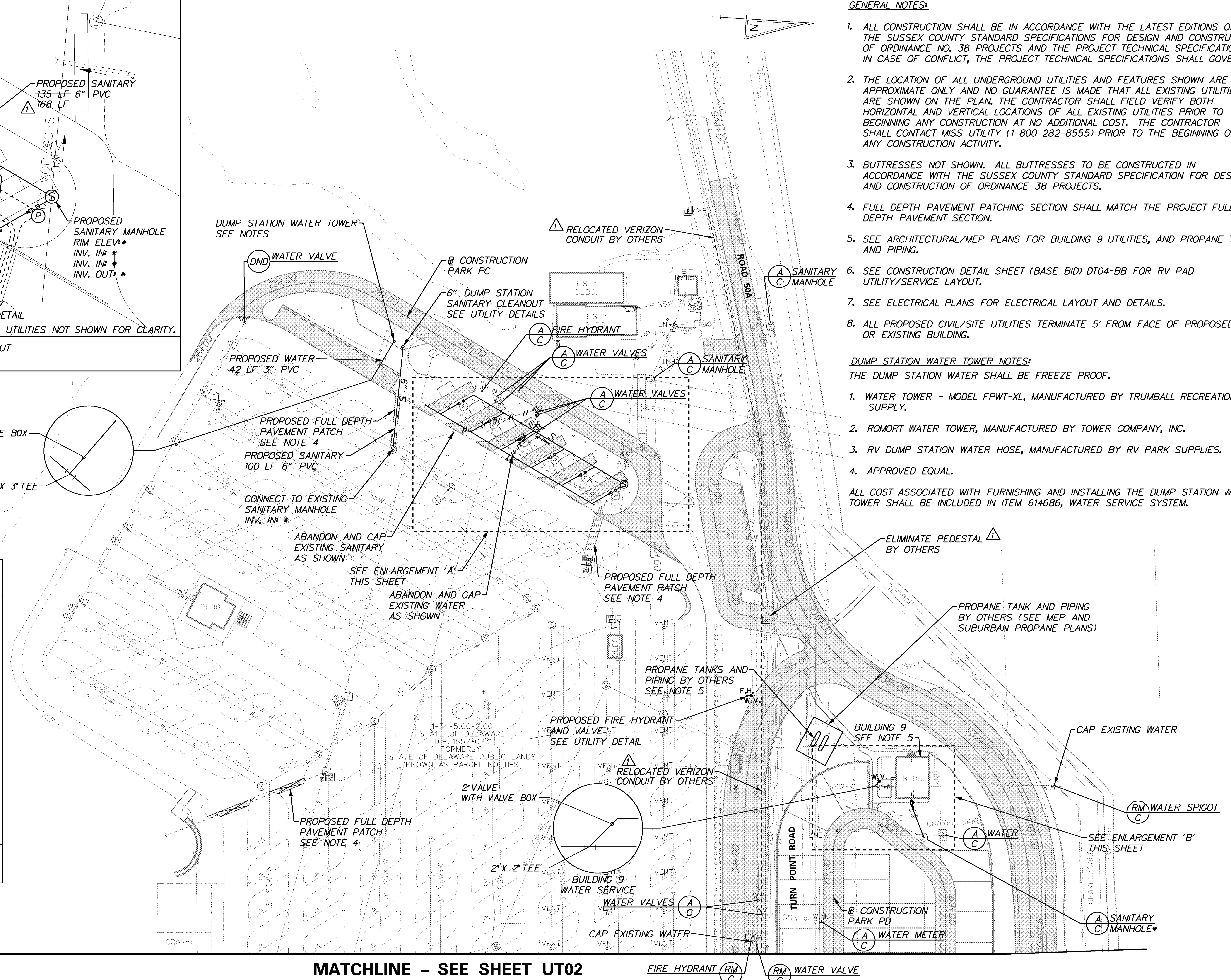
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS ADDENDUM NO. 1 REVISED/ADDED NOTES 5/17/2013, RLS	SCALE 0 50 100 150 FEET	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303 COUNTY SUSSEX	BRIDGE NO. X DESIGNED BY: RK&K CHECKED BY: RK&K	UTILITY RELOCATION PLAN (WATER, SEWER, VERIZON)	UT02 SHEET NO. 169 TOTAL SHTS. 282

5/17/2013 1:56:58 PM
\\BALSRV02\V2009\2009\090020_IRP\CADD\CONTRACTNUMBER\PLANS\CP_UT02_IRP.DGN



ENLARGEMENT 'A' - RV PAD UTILITY LAYOUT
SCALE: 1" = 30'

* CONTRACTOR TO FIELD VERIFY EXISTING SANITARY SYSTEM AND VERIFY THE BUILDING PROPOSED SANITARY SYSTEM WILL PROVIDE POSITIVE OUTFLOW. CONTRACTOR TO SUBMIT VERIFICATION TO THE ENGINEER PRIOR TO BEGINNING CONSTRUCTION OR ORDERING ANY MATERIAL ASSOCIATED WITH PROPOSED SANITARY SYSTEM



MATCHLINE - SEE SHEET UT02

GENERAL NOTES:

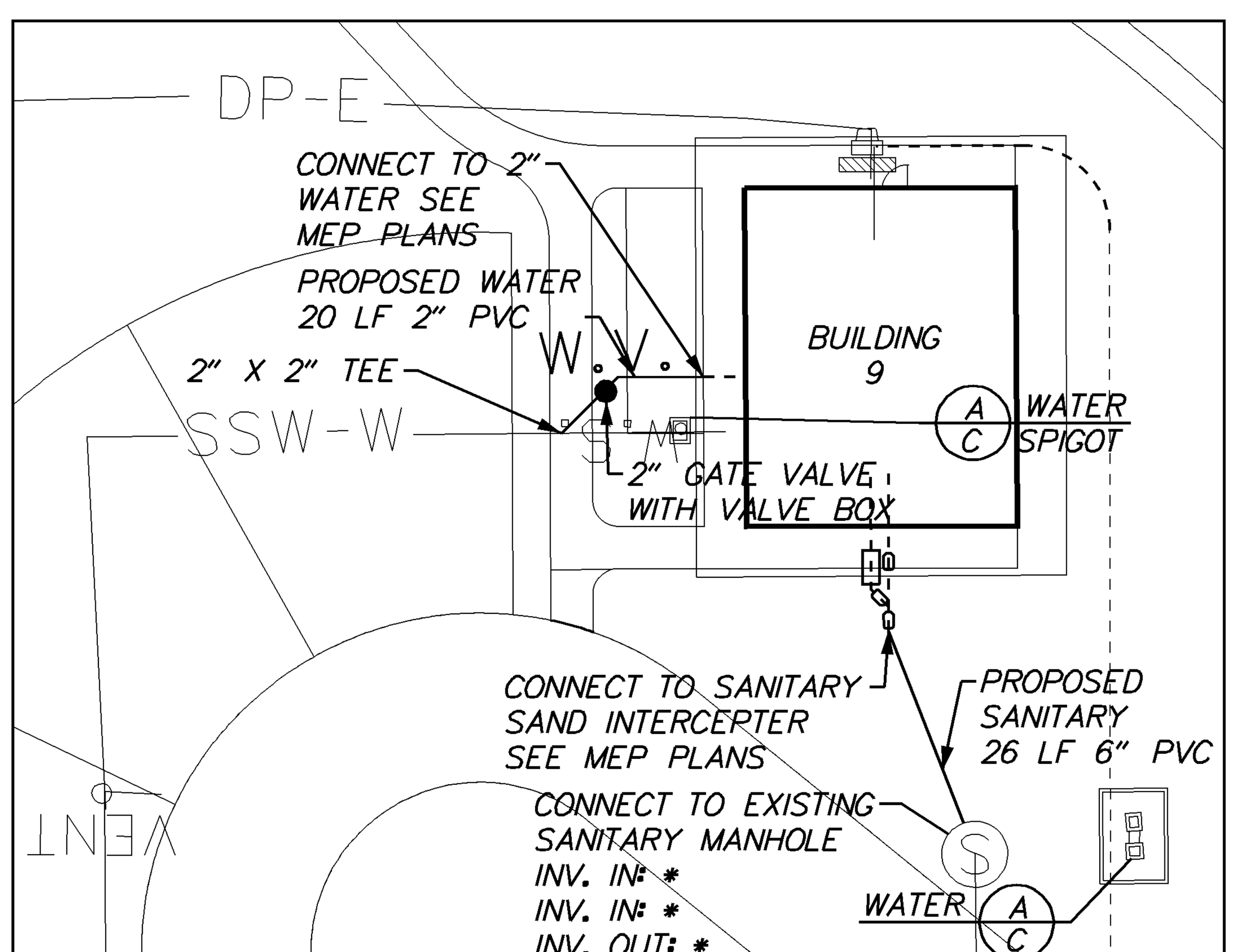
1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE SUSSEX COUNTY STANDARD SPECIFICATIONS FOR DESIGN AND CONSTRUCTION OF ORDINANCE NO. 38 PROJECTS AND THE PROJECT TECHNICAL SPECIFICATIONS, IN CASE OF CONFLICT, THE PROJECT TECHNICAL SPECIFICATIONS SHALL GOVERN.
2. THE LOCATION OF ALL UNDERGROUND UTILITIES AND FEATURES SHOWN ARE APPROXIMATE ONLY AND NO GUARANTEE IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN ON THE PLAN. THE CONTRACTOR SHALL FIELD VERIFY BOTH HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO BEGINNING ANY CONSTRUCTION AT NO ADDITIONAL COST. THE CONTRACTOR SHALL CONTACT MISS UTILITY (1-800-282-8555) PRIOR TO THE BEGINNING OF ANY CONSTRUCTION ACTIVITY.
3. BUTTRESSES NOT SHOWN. ALL BUTTRESSES TO BE CONSTRUCTED IN ACCORDANCE WITH THE SUSSEX COUNTY STANDARD SPECIFICATION FOR DESIGN AND CONSTRUCTION OF ORDINANCE 38 PROJECTS.
4. FULL DEPTH PAVEMENT PATCHING SECTION SHALL MATCH THE PROJECT FULL DEPTH PAVEMENT SECTION.
5. SEE ARCHITECTURAL/MEP PLANS FOR BUILDING 9 UTILITIES, AND PROPANE TANK AND PIPING.
6. SEE CONSTRUCTION DETAIL SHEET (BASE BID) DT04-BB FOR RV PAD UTILITY/SERVICE LAYOUT.
7. SEE ELECTRICAL PLANS FOR ELECTRICAL LAYOUT AND DETAILS.
8. ALL PROPOSED CIVIL/SITE UTILITIES TERMINATE 5' FROM FACE OF PROPOSED OR EXISTING BUILDING.

DUMP STATION WATER TOWER NOTES:

THE DUMP STATION WATER SHALL BE FREEZE PROOF.

1. WATER TOWER - MODEL FPWT-XL, MANUFACTURED BY TRUMBALL RECREATION SUPPLY.
2. ROMORT WATER TOWER, MANUFACTURED BY TOWER COMPANY, INC.
3. RV DUMP STATION WATER HOSE, MANUFACTURED BY RV PARK SUPPLIES.
4. APPROVED EQUAL.

ALL COST ASSOCIATED WITH FURNISHING AND INSTALLING THE DUMP STATION WATER TOWER SHALL BE INCLUDED IN ITEM 614686, WATER SERVICE SYSTEM.



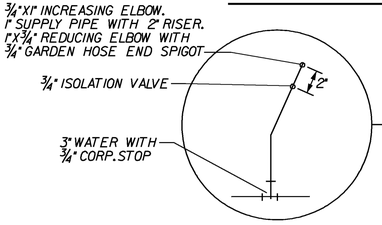
ENLARGEMENT 'B' - BUILDING 9 EXISTING BATHHOUSE UTILITIES
SCALE: 1" = 20'

* CONTRACTOR TO FIELD VERIFY EXISTING SANITARY SYSTEM AND VERIFY THE BUILDING PROPOSED SANITARY SYSTEM WILL PROVIDE POSITIVE OUTFLOW. CONTRACTOR TO SUBMIT VERIFICATION TO THE ENGINEER PRIOR TO BEGINNING CONSTRUCTION OR ORDERING ANY MATERIAL ASSOCIATED WITH PROPOSED SANITARY SYSTEM

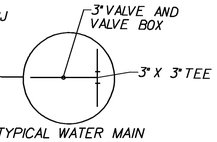
5/21/2013 4:06:21 PM
\\BALSRV02\V2009\2009\09020_IRP\CADD\CONTRACTNUMBER\PLANS\CP_UT03_IRP.DGN

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 50 100 150 FEET	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT	BRIDGE NO.	X	UTILITY RELOCATION PLAN (WATER, SEWER, VERIZON)	UT03
	ADDENDUM NO. 1 REVISED/ADDED NOTES			T200507303	DESIGNED BY: RK&K			SHEET NO. 170
	5/17/2013, RLS			COUNTY				TOTAL SHTS.
				SUSSEX	CHECKED BY: RK&K			282

MATCHLINE – SEE SHEET UT05



TYPICAL NORTH RV PAD
WATER CONNECTION DETAIL



TYPICAL WATER MAIN
CONNECTION DETAIL

ENLARGEMENT 'A' - BUILDING 5 UTILITIES
SCALE: 1" = 20'

ENLARGEMENT 'B' - BUILDING 2 UTILITIES
SCALE: 1" = 20'

⚠ SHOWER TOWER NOTES:

1. SHOWER TOWER SHALL BE ADA COMPLIANT WITH 2 HIGH SHOWERS ON OPPOSITE SIDES, ONE FOOT SHOWER, AND ONE HOSE BIB, MANUFACTURED BY SHOWER TOWER, INC.
2. APPROVED EQUAL
3. ALL COST ASSOCIATED WITH FURNISHING AND INSTALLING THE SHOWER TOWER SHALL BE INCLUDED IN ITEM 614686 WATER SERVICE SYSTEM

* CONTRACTOR TO FIELD VERIFY EXISTING SANITARY SYSTEM AND VERIFY THE BUILDING PROPOSED SANITARY SYSTEM WILL PROVIDE POSITIVE OUTFLOW. CONTRACTOR TO SUBMIT VERIFICATION TO THE ENGINEER PRIOR TO BEGINNING CONSTRUCTION OR ORDERING ANY MATERIAL ASSOCIATED WITH PROPOSED SANITARY SYSTEM

GENERAL NOTES:

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE SUSSEX COUNTY STANDARD SPECIFICATIONS FOR DESIGN AND CONSTRUCTION OF ORDINANCE NO. 38 PROJECTS AND THE PROJECT TECHNICAL SPECIFICATIONS, IN CASE OF CONFLICT, THE PROJECT TECHNICAL SPECIFICATIONS SHALL GOVERN.
2. THE LOCATION OF ALL UNDERGROUND UTILITIES AND FEATURES SHOWN ARE APPROXIMATE ONLY AND NO GUARANTEE IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN ON THE PLAN. THE CONTRACTOR SHALL FIELD VERIFY BOTH HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO BEGINNING ANY CONSTRUCTION AT NO ADDITIONAL COST. THE CONTRACTOR SHALL CONTACT MISS UTILITY (1-800-282-8555) PRIOR TO THE BEGINNING OF ANY CONSTRUCTION ACTIVITY.
3. BUTTRESSES NOT SHOWN. ALL BUTTRESSES TO BE CONSTRUCTED IN ACCORDANCE WITH THE SUSSEX COUNTY STANDARD SPECIFICATION FOR DESIGN AND CONSTRUCTION OF ORDINANCE 38 PROJECTS.
4. FULL DEPTH PAVEMENT PATCHING SECTION SHALL MATCH THE PROJECT FULL DEPTH PAVEMENT SECTION.
5. SEE ARCHITECTURAL/MEP PLANS FOR BUILDING 2 AND 5 UTILITIES.
6. SEE CONSTRUCTION DETAIL SHEET (BASE BID) DT04-BB FOR RV PAD AND RV HOST PAD UTILITY SERVICE LAYOUT.
7. SEE ELECTRICAL PLANS FOR ELECTRICAL LAYOUT AND DETAILS.
8. ALL PROPOSED CIVIL/SITE UTILITIES TERMINATE 5' FROM FACE OF PROPOSED OR EXISTING BUILDING.
9. SEE UTILITY RELOCATION DETAILS FOR VERIZON DIRECT BURIED CONDUIT DETAIL.

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS	
ADDENDUM NO. ⚠ REVISED/ADDED NOTES	
5/17/2013, RLS	

SCALE
0 50 100 150
FEET

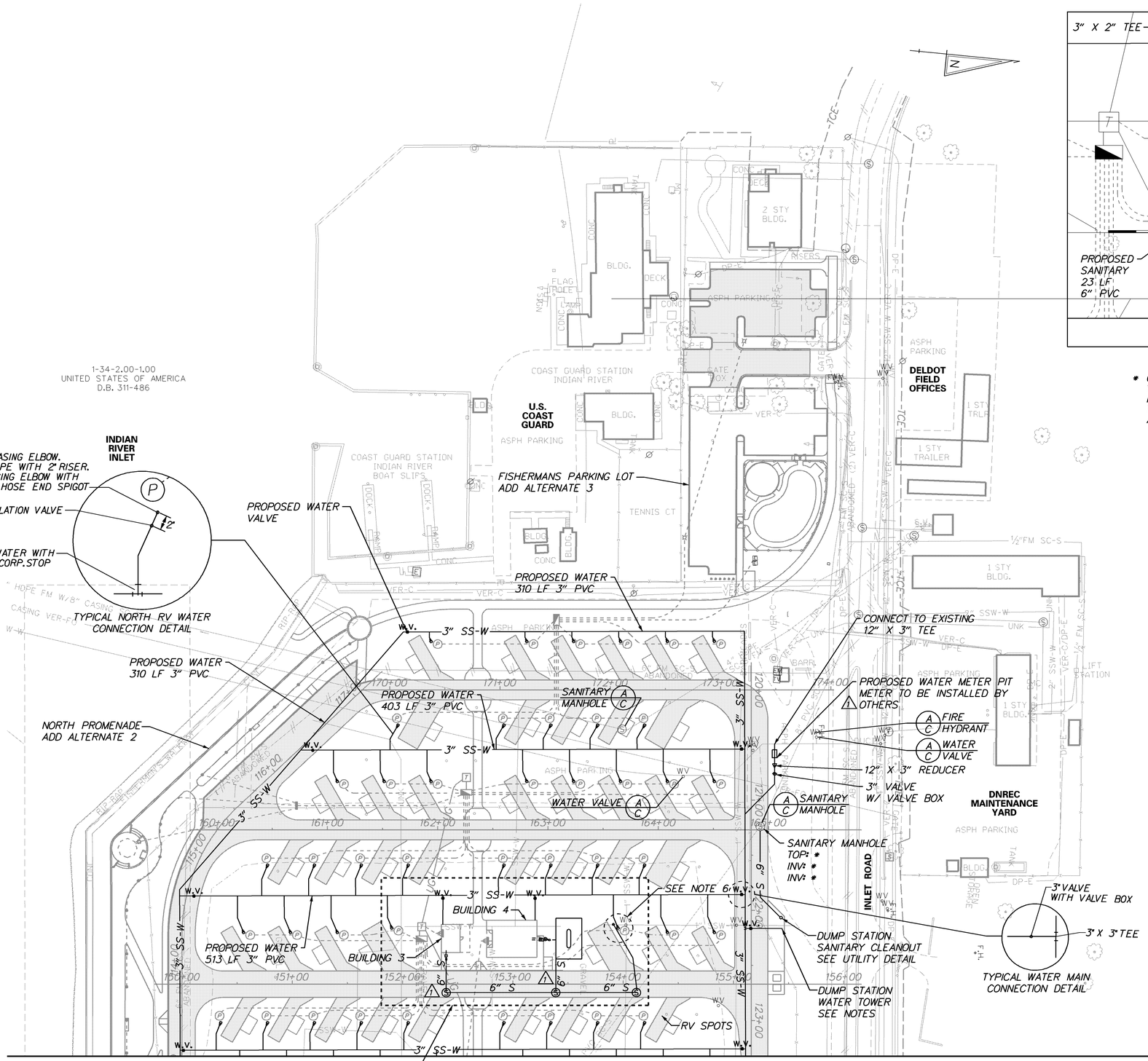
INDIAN RIVER INLET
PARK ENHANCEMENTS

CONTRACT	BRIDGE NO.	X
T200507303	DESIGNED BY: RK&K	
COUNTY	CHECKED BY: RK&K	
SUSSEX		

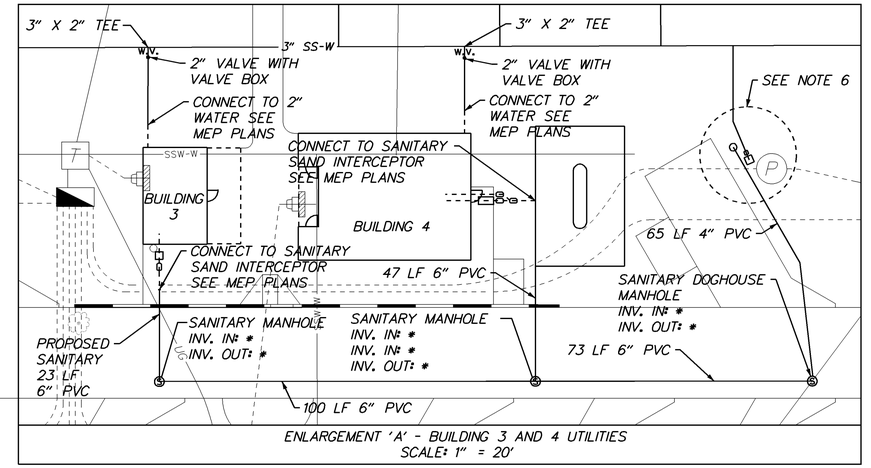
UTILITY RELOCATION PLAN (WATER, SEWER, VERIZON)

UT04	
SHEET NO.	171
TOTAL SHTS.	282

5/17/2013 2:14:25 PM
\\BALSRV02\V2009\2009\09020.IRP\CADD\CONTRACTNUMBER\PLANS\CP_UT04_IRP.DGN



MATCHLINE – SEE SHEET UT04



ENLARGEMENT 'A' - BUILDING 3 AND 4 UTILITIES
SCALE: 1" = 20'

* CONTRACTOR TO FIELD VERIFY EXISTING SANITARY SYSTEM AND VERIFY THE BUILDING PROPOSED SANITARY SYSTEM WILL PROVIDE POSITIVE OUTFLOW. CONTRACTOR TO SUBMIT VERIFICATION TO THE ENGINEER PRIOR TO BEGINNING CONSTRUCTION OR ORDERING ANY MATERIAL ASSOCIATED WITH PROPOSED SANITARY SYSTEM

GENERAL NOTES:

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE SUSSEX COUNTY STANDARD SPECIFICATIONS FOR DESIGN AND CONSTRUCTION OF ORDINANCE NO. 38 PROJECTS AND THE PROJECT TECHNICAL SPECIFICATIONS, IN CASE OF CONFLICT, THE PROJECT TECHNICAL SPECIFICATIONS SHALL GOVERN.
2. THE LOCATION OF ALL UNDERGROUND UTILITIES AND FEATURES SHOWN ARE APPROXIMATE ONLY AND NO GUARANTEE IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN ON THE PLAN. THE CONTRACTOR SHALL FIELD VERIFY BOTH HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO BEGINNING ANY CONSTRUCTION AT NO ADDITIONAL COST. THE CONTRACTOR SHALL CONTACT MISS UTILITY (1-800-282-8555) PRIOR TO THE BEGINNING OF ANY CONSTRUCTION ACTIVITY.
3. BUTTRESSES NOT SHOWN. ALL BUTTRESSES TO BE CONSTRUCTED IN ACCORDANCE WITH THE SUSSEX COUNTY STANDARD SPECIFICATION FOR DESIGN AND CONSTRUCTION OF ORDINANCE 38 PROJECTS.
4. FULL DEPTH PAVEMENT PATCHING SECTION SHALL MATCH THE PROJECT FULL DEPTH PAVEMENT SECTION.
5. SEE ARCHITECTURAL/MEP PLANS FOR BUILDING 3 AND 4 UTILITIES, PROPANE TANKS AND PIPING.
6. SEE CONSTRUCTION DETAIL SHEET (BASE BID) DT04-BB FOR RV PAD AND RV HOST PAD UTILITY/SERVICE LAYOUT.
7. SEE ELECTRICAL PLANS FOR ELECTRICAL LAYOUT AND DETAILS.
8. ALL PROPOSED CIVIL/SITE UTILITIES TERMINATE 5' FROM FACE OF PROPOSED OR EXISTING BUILDING.

DUMP STATION WATER TOWER NOTES:

THE DUMP STATION WATER SHALL BE FREEZE PROOF.

1. WATER TOWER - MODEL FPWT-XL, MANUFACTURED BY TRUMBALL RECREATION SUPPLY.
2. ROMORT WATER TOWER, MANUFACTURED BY TOWER COMPANY, INC.
3. RV DUMP STATION WATER HOSE, MANUFACTURED BY RV PARK SUPPLIES.
4. APPROVED EQUAL.

ALL COST ASSOCIATED WITH FURNISHING AND INSTALLING THE DUMP STATION WATER TOWER SHALL BE INCLUDED IN ITEM 614686, WATER SERVICE SYSTEM.

5/21/2013 4:10:04 PM
\\BALSRV02\V2009\2009\09020.IRP\CADD\CONTRACTNUMBER\PLANS\CP_UT05_IRP.DGN

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS	
ADDENDUM NO. 1 REVISED/ADDED NOTES	
5/17/2013, RLS	

SCALE
0 50 100 150
FEET

INDIAN RIVER INLET PARK ENHANCEMENTS

CONTRACT	T200507303	BRIDGE NO. X
COUNTY	SUSSEX	DESIGNED BY: RK&K
		CHECKED BY: RK&K

UTILITY RELOCATION PLAN (WATER, SEWER, VERIZON)

	UT05
SHEET NO.	172
TOTAL SHTS.	282

BRANCH CIRCUIT IDENTIFICATION:

EXAMPLE: ECS – 1

ELECTRICAL PANEL

CIRCUIT BREAKER WITHIN PANEL SERVING BRANCH CIRCUIT. BRANCH CIRCUIT SHALL CONSIST OF 3/4" CONDUIT WITH THREE #12 AWG CONDUCTORS (LINE, NEUTRAL OR LINE, GREEN INSULATED GROUND) UNLESS OTHERWISE NOTED.

LIGHTING CONTROL IDENTIFICATION:

EXAMPLES:

FIXTURE "a" CONTROL — S S — FIXTURE "b" CONTROL
a b

a — CONTROL IDENTIFIER (TYP.)
b — LIGHTING FIXTURE (TYP.)

INBOARD LAMP CONTROL — S S — OUTBOARD LAMP CONTROL
i o

i o — FLUORESCENT LIGHTING FIXTURE WITH 3-LAMP CROSS SECTION AND (2) BALLASTS WIRED FOR INBOARD/OUTBOARD SWITCHING OPERATION

DEVICE CONTROL IDENTIFICATION:

EXAMPLE:

DEVICE "a" CONTROL — S
a

a — CONTROL IDENTIFIER

CONTROLLED DEVICE

ELECTRICAL DATUM PLANE NOTES:

1. THE ELECTRICAL DATUM PLANE FOR THIS PROJECT SHALL BE DEFINED AS "IN AREAS SUBJECT TO FLOODING...A HORIZONTAL PLANE (2 FT.) ABOVE THE POINT IDENTIFIED AS THE PREVAILING HIGH WATER MARK OR AN EQUIVALENT BENCHMARK BASED ON SEASONAL OR STORM-DRIVEN FLOODING FROM THE AUTHORITY HAVING JURISDICTION" (QUOTED FROM NEC ARTICLE 682).
2. ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED AT A MINIMUM OF 12" ABOVE THE ELECTRICAL DATUM PLANE.
3. ALL WIRE CONNECTORS (WIRE NUTS, IN-LINE SPLICERS/REDUCERS, ETC.) UTILIZED AT OR BELOW THE ELECTRICAL DATUM PLANE SHALL BE UL LISTED FOR SUBMERSIBLE APPLICATIONS.

ELECTRICAL ABBREVIATIONS:

NOTE: REFER TO MECHANICAL DRAWINGS FOR MECHANICAL EQUIPMENT ABBREVIATIONS

A	AMPERES
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPERE INTERRUPTING CAPACITY
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
BAS	BUILDING AUTOMATION SYSTEM
BLDG	BUILDING
C	CONDUIT
CB	CIRCUIT BREAKER
DWG	DRAWING
EC	ELECTRICAL CONTRACTOR
EGC	EQUIPMENT GROUNDING CONDUCTOR
EQPM	EQUIPMENT
FLR	FLOOR
FSS	FUSED SAFETY SWITCH
G/GND	GROUND
GEC	GROUNDING ELECTRODE CONDUCTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTING
HACR	HEATING, AIR CONDITIONING, REFRIGERATION RATED
H-O-A	HAND-OFF-AUTO
HP	HORSEPOWER
JB	JUNCTION BOX
K	THOUSAND
KCMIL	THOUSAND CIRCULAR MILS
LV	LOW VOLTAGE
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MCP	MOTOR CIRCUIT PROTECTOR
MCS	MOLDED CASE SWITCH
MH	MOUNTING HEIGHT
MLO	MAIN LUGS ONLY
MTD	MOUNTED
NEC	NATIONAL ELECTRICAL CODE (NFPA 70)
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
OH	OVERHEAD
OL	OVERLOAD
P	POLE
PV	PHOTOVOLTAIC
ø	PHASE
SCCR	SHORT CIRCUIT CURRENT RATING
SPD	SURGE PROTECTIVE DEVICE
SWBD	SWITCHBOARD
T'STAT	THERMOSTAT
TYP	TYPICAL
UL	UNDERWRITERS LABORATORIES
UON	UNLESS OTHERWISE NOTED
UV	ULTRAVIOLET
V	VOLTS
VFD	VARIABLE FREQUENCY DRIVE
W	WIRE
WP	WEATHERPROOF
XFMR	TRANSFORMER

ELECTRICAL LEGEND:

A O_B	LIGHTING FIXTURE – RECESSED, SURFACE OR PENDANT MOUNTED – LETTER INDICATES FIXTURE TYPE
C O_D	LIGHTING FIXTURE – WALL MOUNTED – LETTER INDICATES FIXTURE TYPE
VRS E	EMERGENCY LIGHTING BATTERY UNIT (WITH VANDAL-RESISTANT SHIELD WHERE INDICATED) – LETTER INDICATES FIXTURE TYPE – CONNECT UNSWITCHED LEG OF LIGHTING BRANCH CIRCUIT TO INPUT
WG E1	EMERGENCY REMOTE DUAL LIGHTING HEAD (WITH WIRE GUARD WHERE INDICATED) – LETTER INDICATES FIXTURE TYPE
X VRS X	ILLUMINATED EXIT SIGN (WITH VANDAL-RESISTANT SHIELD WHERE INDICATED) – WALL MOUNTED, CEILING MOUNTED – FACES AND DIRECTIONAL ARROWS AS INDICATED – LETTER INDICATES FIXTURE TYPE – CONNECT UNSWITCHED LEG OF LIGHTING BRANCH CIRCUIT TO INPUT
	DEVICE BOX – FLUSH MOUNTED WITH SINGLE-GANG TILE RING AND STAINLESS STEEL DEVICE COVER PLATE (UNLESS OTHERWISE NOTED), SURFACE MOUNTED WITH GALVANIZED STEEL DEVICE COVER PLATE (UNLESS OTHERWISE NOTED).
	DEVICE BOXES IN GANGED CONFIGURATION – FLUSH MOUNTED WITH GANGED TILE RING AND STAINLESS STEEL DEVICE COVER PLATE (UNLESS OTHERWISE NOTED), SURFACE MOUNTED WITH GALVANIZED STEEL DEVICE COVER PLATE (UNLESS OTHERWISE NOTED).
CH	DEVICE BOX MOUNTED 6" ABOVE COUNTERTOP BACKSPLASH LEVEL
+42"	DEVICE BOX MOUNTED 42" A.F.F. (MOUNTING HEIGHT TO BE AS INDICATED)
R	NEMA TYPE 5-20R DUPLEX RECEPTACLE OUTLET – PROVIDE EXTRA HEAVY DUTY SPECIFICATION GRADE, STRAIGHT BLADE, 20 AMPERE, 125 VOLT, 2 POLE, 3 WIRE GROUNDING TYPE WITH GRAY COLOR (HUBBELL CAT. NO. HBL5362GY OR APPROVED EQUAL BY BRYANT, COOPER, LEVITON OR PASS & SEYMOUR). MOUNT 18" A.F.F. UNLESS OTHERWISE NOTED.
SR	NEMA TYPE 5-20R SURGE-PROTECTION DUPLEX RECEPTACLE OUTLET – PROVIDE SPECIFICATION GRADE, STRAIGHT BLADE, 20 AMPERE, 125 VOLT, 2 POLE, 3 WIRE GROUNDING TYPE, 240 JOULES/15000A PER MODE WITH BLUE COLOR, INDICATOR LIGHT AND AUDIBLE ALARM (HUBBELL CAT. NO. HBL5362SA OR APPROVED EQUAL BY BRYANT, COOPER, LEVITON OR PASS & SEYMOUR). MOUNT 18" A.F.F. UNLESS OTHERWISE NOTED.
2R	NEMA TYPE 14-30R RECEPTACLE OUTLET – PROVIDE STRAIGHT BLADE, 30 AMPERE, 125/250 VOLT, 3 POLE, 4 WIRE GROUNDING TYPE (HUBBELL CAT. NO. HBL9430A OR APPROVED EQUAL BY BRYANT, COOPER, LEVITON OR PASS & SEYMOUR). MOUNTING HEIGHT AS INDICATED.
G	NEMA TYPE 5-20R GFCI DUPLEX RECEPTACLE OUTLET – PROVIDE EXTRA HEAVY DUTY SPECIFICATION GRADE, WEATHER-RESISTANT, STRAIGHT BLADE, 20 AMPERE, 125 VOLT, 2 POLE, 3 WIRE GROUNDING TYPE WITH GRAY COLOR (HUBBELL CAT. NO. GFR5362SGGY OR APPROVED EQUAL BY BRYANT, COOPER, LEVITON OR PASS & SEYMOUR). MOUNT 18" A.F.F. UNLESS OTHERWISE NOTED.
GWP	⚠ GFCI RECEPTACLE OUTLET AS ABOVE WITH WEATHERPROOF WHILE-IN-USE DEVICE COVER. UNLESS OTHERWISE NOTED, DEVICE COVER SHALL BE HORIZONTAL HEAVY DUTY GRAY DIE-CAST ALUMINUM OR ZINC (HUBBELL CAT. NO. WP826H OR APPROVED EQUAL BY PASS & SEYMOUR). MOUNT 24" A.F.F. UNLESS OTHERWISE NOTED.
S S3	SINGLE-POLE OR 3-WAY TOGGLE SWITCH AS INDICATED – PROVIDE EXTRA HEAVY DUTY SPECIFICATION GRADE, 20 AMPERE, 1 HORSEPOWER, 120-277 VOLT WITH GROUND SCREW AND GRAY TOGGLE COLOR (HUBBELL CAT. NO. HBL122(1/3)GY OR APPROVED EQUAL BY BRYANT, COOPER, LEVITON OR PASS & SEYMOUR). MOUNT 48" A.F.F. UNLESS OTHERWISE NOTED.
S1	SINGLE-POLE, DOUBLE THROW MAINTAINED CONTACT 3-POSITION (2-CIRCUIT, CENTER OFF) TOGGLE SWITCH – PROVIDE HEAVY DUTY SPECIFICATION GRADE, 20 AMPERE, 120-277 VOLT WITH GROUND SCREW (HUBBELL CAT. NO. HBL385 OR APPROVED EQUAL BY BRYANT, COOPER, LEVITON OR PASS & SEYMOUR). MOUNT 48" A.F.F. UNLESS OTHERWISE NOTED.
⚠ S1WP	SINGLE-POLE, DOUBLE THROW 3-POSITION TOGGLE SWITCH AS ABOVE WITH VERTICAL WEATHERPROOF WHILE-IN-USE DEVICE COVER. DEVICE COVER SHALL BE HEAVY DUTY GRAY DIE-CAST ALUMINUM OR ZINC WITH ADAPTER PLATE AND GASKETING SUITABLE FOR USE WITH TOGGLE SWITCH (HUBBELL CAT. NO. WP826 OR APPROVED EQUAL BY PASS & SEYMOUR). MOUNT 24" A.F.F. UNLESS OTHERWISE NOTED.
OSWG	CEILING-MOUNTED OCCUPANCY SENSOR WITH WIRE GUARD – PROVIDE DUAL-TECHNOLOGY (ULTRASONIC/PIR) OPERATION (HUBBELL BUILDING AUTOMATION SYSTEMS CAT. NO. OMNIDT2000 OR APPROVED EQUAL BY WATTSTOPPER, SENSOR SWITCH OR LEVITON).
OSWG	WALL-MOUNTED OCCUPANCY SENSOR WITH WIRE GUARD – PROVIDE DUAL-TECHNOLOGY (ULTRASONIC/PIR) OPERATION (HUBBELL BUILDING AUTOMATION SYSTEMS CAT. NO. LODT OR APPROVED EQUAL BY WATTSTOPPER, SENSOR SWITCH OR LEVITON).
P	OCCUPANCY SENSOR POWER RELAY PACK – PROVIDE UNIVERSAL VOLTAGE (120/277V), 20 AMPERE, 1 HORSEPOWER WITH ZERO-CROSSING CIRCUITRY (HUBBELL BUILDING AUTOMATION SYSTEMS CAT. NO. UVPP OR APPROVED EQUAL BY WATTSTOPPER, SENSOR SWITCH OR LEVITON).
M	FRACTIONAL HORSEPOWER MOTOR STARTER WITH 2-POLE TOGGLE DISCONNECT SWITCH, LOCKABLE TOGGLE GUARD KIT, THERMAL OVERLOAD RELAY, H-O-A SWITCH AND RED PILOT LIGHT IN 2-GANG SURFACE MOUNTED NEMA 1 ENCLOSURE. TOGGLE AND H-O-A SWITCHES SHALL BE RATED 1 HORSEPOWER (16 AMPERES CONTINUOUS CURRENT) @ 115-230/277 VOLTS (STARTER SHALL BE SQUARE D CLASS 2510 TYPE F OR APPROVED EQUAL; TOGGLE GUARD SHALL BE SQUARE D CAT. NO. 2510FL1 OR APPROVED EQUAL). PROVIDE OVERLOAD RELAY PER MOTOR NAMEPLATE FULL LOAD CURRENT. MOUNT 48" A.F.F. UNLESS OTHERWISE NOTED.
MI	MANUAL MOTOR SWITCH (WITHOUT THERMAL OVERLOAD RELAY) AS INDICATED – MOUNT ADJACENT TO EQUIPMENT SERVED (EXACT MOUNTING LOCATION TO BE FIELD-COORDINATED)
	FLUSH-MOUNTED TELECOMMUNICATION OUTLET (VOICE & DATA) – PROVIDE FLUSH-MOUNTED DUAL-GANG OUTLET BOX WITH SINGLE-GANG PLASTER RING. MOUNT 18" A.F.F. UNLESS OTHERWISE NOTED. TELECOMMUNICATION WIRING, JACKS AND DEVICE PLATE TO BE PROVIDED BY OTHERS.
PS	OUTDOOR PHOTOSENSOR – PROVIDE 120V, 2000W TUNGSTEN/1800VA BALLAST RATED PHOTOCONTROL IN GASKETED HEAVY DUTY DIE CAST ZINC ENCLOSURE WITH SLIDING LIGHT LEVEL ADJUSTMENT (TORK CAT. NO. 2101 OR APPROVED EQUAL BY PARAGON OR INTERMATIC). MOUNT AS INDICATED.
⚠ J JWP	JUNCTION BOX – STANDARD, WEATHERPROOF
T	TRANSFORMER AS INDICATED – EXACT MOUNTING LOCATION TO BE FIELD-COORDINATED
	SAFETY SWITCH AS INDICATED – EXACT MOUNTING LOCATION TO BE FIELD-COORDINATED
CB	ENCLOSED CIRCUIT BREAKER AS INDICATED – EXACT MOUNTING LOCATION TO BE FIELD-COORDINATED
	MOTOR OUTLET
TC	TIME CLOCK
	DIRECT CONNECTION TO EQUIPMENT
	GROUND CONNECTION
	CIRCUIT EXPOSED OR CONCEALED IN CEILING OR WALL CONSTRUCTION – 3/4" CONDUIT WITH THREE #12 AWG CONDUCTORS (LINE, NEUTRAL OR LINE, GREEN INSULATED GROUND) UNLESS OTHERWISE NOTED
	CIRCUIT AS ABOVE CONCEALED UNDER FLOOR CONSTRUCTION OR UNDERGROUND
	HOMERUN TO PANELBOARD – NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS
	LOW-VOLTAGE WIRING – PROVIDE RACEWAY AS REQUIRED FOR INSTALLATION
	CONDUIT TURNS UP, CONDUIT TURNS DOWN
	PANELBOARD – SURFACE MOUNTED, FLUSH MOUNTED – MOUNT TOP OF PANEL 6'-0" A.F.F. UNLESS OTHERWISE NOTED

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS	
⚠ REVISED ELECTRICAL LEGEND: A.H.H. 05/17/13	

SCALE AS NOTED

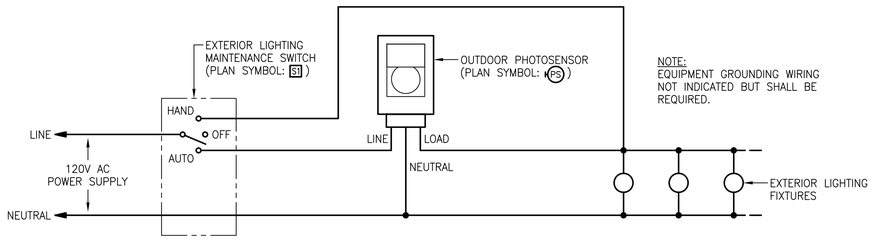
INDIAN RIVER INLET
PARK ENHANCEMENTS

CONTRACT	T200507303
COUNTY	SUSSEX

BRIDGE NO.	X
DRAWN BY:	AHH
CHECKED BY:	JRF

ELECTRICAL LEGEND
& ABBREVIATIONS
E0-01

SHEET NO.	CD197
TOTAL SHTS.	CD282

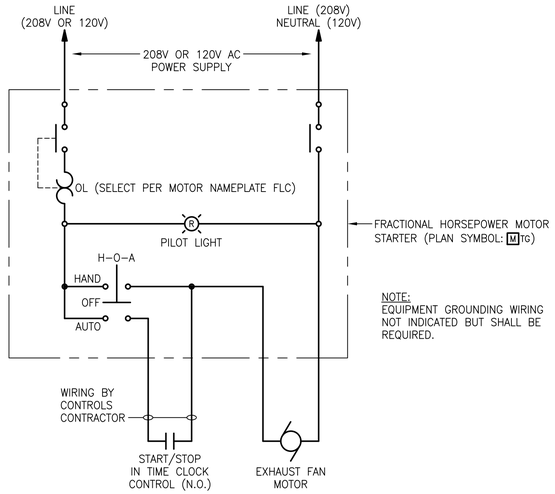


1 / E0-02 EXTERIOR LIGHTING CONTROL WIRING DIAGRAM

SCALE: NONE

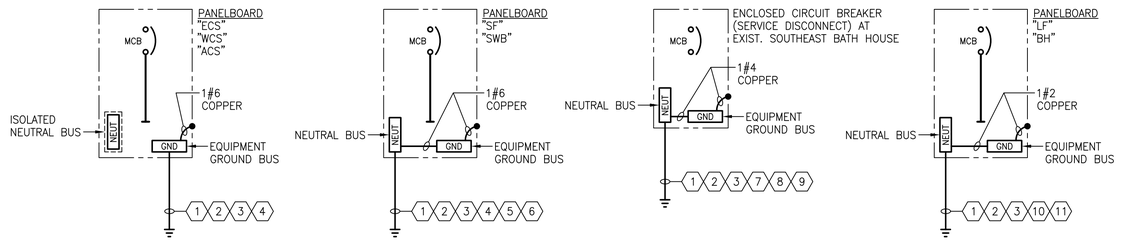
LIGHTING FIXTURE SCHEDULE

FIXTURE TYPE	MANUFACTURER MODEL NO.	LAMPS		BALLASTS		INPUT VOLTS	INPUT WATTS	INPUT VA	DESCRIPTION
		QTY.	TYPE	QTY.	TYPE				
A	KENALL R12-48-3-32-IS-2-DV (OR APPROVED EQUAL BY MORLITE OR LITHONIA)	3	32 WATT T8 LINEAR FLUORESCENT 3500K	2	ELECTRONIC LINEAR FLUORESCENT INSTANT START <10% THD .88 BALLAST FACTOR	120	90	90	4' SURFACE-MOUNTED ROUGH-SERVICE FLUORESCENT WRAPAROUND LUMINAIRE WITH 3-LAMP CROSS SECTION, NOMINAL 12" WIDE, 20 GAUGE STEEL HOUSING WITH WHITE TGIC POLYESTER POWDER COAT (5-STAGE PRETREATMENT SUBJECTED TO 1,000-HR. SALT SPRAY TEST), CLEAR PRISMATIC ACRYLIC LENS, SEAM WELDED END CAPS AND DAMP LOCATION LISTING.
B	COLUMBIA LUN4-332-EU-SSL (OR APPROVED EQUAL BY DAY-BRITE OR LITHONIA)	3	32 WATT T8 LINEAR FLUORESCENT 3500K	1	ELECTRONIC LINEAR FLUORESCENT INSTANT START <10% THD .88 BALLAST FACTOR	120	85	85	4' SURFACE-MOUNTED OR CHAIN-SUSPENDED ENCLOSED & GASKETED INDUSTRIAL FLUORESCENT LUMINAIRE WITH 3-LAMP CROSS SECTION, FIBERGLASS HOUSING, ACRYLIC DIFFUSER, STAINLESS STEEL LATCHES AND WET LOCATION LISTING. PROVIDE STAINLESS STEEL CHAIN AND ALL MOUNTING HARDWARE AS REQUIRED FOR CHAIN-SUSPENDING.
C	KENALL SH5-48-W-1-32-IS-1-DV (OR APPROVED EQUAL BY MORLITE OR LITHONIA)	1	32 WATT T8 LINEAR FLUORESCENT 3500K	1	ELECTRONIC LINEAR FLUORESCENT INSTANT START <10% THD .88 BALLAST FACTOR	120	31	31	4' SURFACE-MOUNTED VANDAL-RESISTANT FLUORESCENT WRAPAROUND LUMINAIRE WITH 1-LAMP CROSS SECTION, NOMINAL 5" WIDE, 16 GAUGE STEEL HOUSING WITH WHITE TGIC POLYESTER POWDER COAT (5-STAGE PRETREATMENT SUBJECTED TO 1,000-HR. SALT SPRAY TEST), .156" THICK PATTERN #12 POLYCARBONATE LENS, SEAM WELDED END CAPS, TAMPER-RESISTANT SCREWS AND WET LOCATION LISTING. MOUNT ON WALL ABOVE BATHROOM MIRRORS (COORDINATE EXACT LOCATION WITH ARCHITECT).
D	PRESCOLITE CFT632HEB-STF602HPLTRG (OR APPROVED EQUAL BY CAPRI, OMEGA OR LITHONIA)	1	32 WATT PL-T COMPACT FLUORESCENT 3500K	1	ELECTRONIC COMPACT FLUORESCENT 26/32/42 WATT <10% THD .98 BALLAST FACTOR	120	36	37	6" RECESSED DOWNLIGHT LISTED FOR USE IN WET LOCATIONS WITH CLEAR SPECULAR SELF-TRIM REFLECTOR, REGRESSED PRISMATIC ACRYLIC LENS AND TRIM RING GASKET. PROVIDE BAR HANGERS AND ALL MOUNTING ACCESSORIES & HARDWARE AS REQUIRED.
E	DUAL-LITE LZ25NDI-03L(-VRS-4X) (OR APPROVED EQUAL BY CHLORIDE OR LITHONIA) 1	2	3 WATT, 6 VOLT MR16 LED	–	–	120	11.1	13.9	EMERGENCY LIGHTING UNIT WITH (2) INTEGRAL HIGH-OUTPUT LED LAMPS, WHITE THERMOPLASTIC HOUSING, MAINTENANCE-FREE NICKEL-CADMIUM BATTERY WITH REMOTE CAPACITY (20 TOTAL WATTS FOR 90 MINUTES), 6-VOLT OUTPUT, TEST SWITCH, AND SELF-TESTING DIAGNOSTICS. PROVIDE VANDAL-RESISTANT SHIELD (DUAL-LITE CAT. NO. VRS-4X) WHERE INDICATED ON PLANS. MOUNT ON WALL 7'-6" A.F.F.
E1	DUAL-LITE CPR-D-W-0603L(-WGEL) (OR APPROVED EQUAL BY CHLORIDE OR LITHONIA) 1	2	3 WATT, 6 VOLT MR16 LED	–	–	6	6	6	EMERGENCY LIGHTING DECORATIVE REMOTE DUAL-HEAD ASSEMBLY WITH WHITE THERMOPLASTIC LAMP HEADS & MOUNTING PLATE. PROVIDE WIREGUARD (WGEL) WHERE INDICATED ON PLANS. MOUNT ON WALL 7'-6" A.F.F.
E2	DUAL-LITE OCR-D-B-0603L(-WGEL) (OR APPROVED EQUAL BY CHLORIDE OR LITHONIA) 1	2	3 WATT, 6 VOLT MR16 LED	–	–	6	6	6	EMERGENCY LIGHTING DECORATIVE OUTDOOR REMOTE DUAL-HEAD ASSEMBLY WITH DIE-CAST ALUMINUM LAMP HEADS & MOUNTING PLATE, BLACK FINISH AND WET LOCATION LISTING. PROVIDE WIREGUARD (WGEL) WHERE INDICATED ON PLANS. MOUNT ON EXTERIOR WALL 7'-6" A.F.F. UNLESS OTHERWISE NOTED.
1 F	HUBBELL LFS-12LU-5K-W-___ (OR APPROVED EQUAL BY DAY-BRITE OR LITHONIA)	–	LED ARRAY 5000K	1	HIGH POWER FACTOR LED DRIVER	120	12.8	15	COMPACT DECORATIVE LED FLOODLIGHT WITH WIDE OPTICAL DISTRIBUTION, DIE CAST ALUMINUM HOUSING, POLYESTER POWDER PROTECTIVE FINISH, SILICONE GASKETING AND WET LOCATION LISTING. FLUSH MOUNT ON INSIDE OF PAVILION POST 7'-0" A.F.F. AND AIM UPWARD AS REQUIRED TO ILLUMINATE UNDERSIDE OF PAVILION ROOF STRUCTURE. COLOR TO MATCH THAT OF PAVILION POSTS; COORDINATE WITH ARCHITECT. PROVIDE ALL MOUNTING ACCESSORIES & HARDWARE AS REQUIRED.
X	DUAL-LITE LXURWEI(-VRS3) (OR APPROVED EQUAL BY CHLORIDE OR LITHONIA) 1	–	LED	–	–	120	3.8	4.8	UNIVERSALLY-MOUNTED LED EXIT SIGN WITH WHITE THERMOPLASTIC HOUSING, RED STENCILLED LETTERS, UNIVERSAL SNAP-IN CHEVRON ARROWS, MAINTENANCE-FREE NICKEL-CADMIUM BATTERY, TEST SWITCH, SELF-TESTING DIAGNOSTICS AND DAMP LOCATION LISTING. PROVIDE VANDAL-RESISTANT SHIELD (DUAL-LITE CAT. NO. VRS3) WHERE INDICATED ON PLANS. MOUNT BOTTOM OF SIGN 7'-6" A.F.F.



2 / E0-02 EXHAUST FAN WIRING DIAGRAM

SCALE: NONE



3 / E0-02 GROUNDING & BONDING DETAILS

SCALE: NONE

DETAIL NOTES:

1. 1#6 COPPER TO MINIMUM OF (2) 3/4" x 10'-0" COPPER-BONDED GROUND RODS SPACED MIN. 10'-0" APART. TOP OF RODS SHALL BE BURIED MIN. 12" BELOW FINISHED GRADE.
2. 1#4 COPPER TO BUILDING FOOTING REINFORCING STEEL.
3. 1#4 COPPER TO CONCRETE SLAB REINFORCING STEEL.
4. 1#6 COPPER TO BUILDING STRUCTURAL METAL (INCLUDING METAL ROOF).
5. 1#6 COPPER TO WATER SERVICE METAL PIPING.
6. 1#6 COPPER TO ABOVE-GROUND PROPANE GAS SERVICE METAL PIPING.
7. 1#4 COPPER TO BUILDING STRUCTURAL METAL (INCLUDING METAL ROOF).
8. 1#4 COPPER TO WATER SERVICE METAL PIPING.
9. 1#4 COPPER TO ABOVE-GROUND PROPANE GAS SERVICE METAL PIPING.
10. 1#2 COPPER TO BUILDING STRUCTURAL METAL (INCLUDING METAL ROOF).
11. 1#2 COPPER TO WATER SERVICE METAL PIPING.

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

1 REVISED LTG. FIXTURE SCHEDULE: A.H.H. 05/17/13

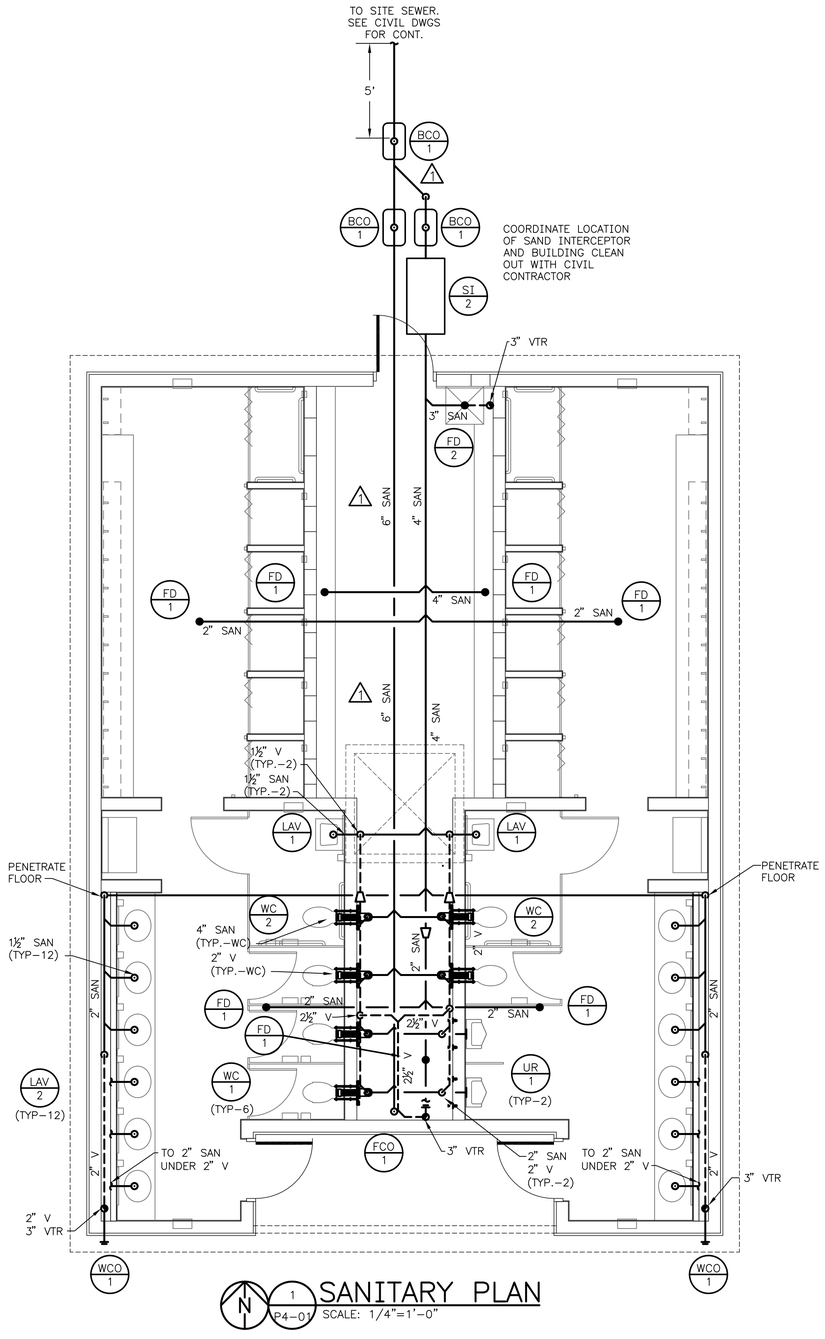
SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

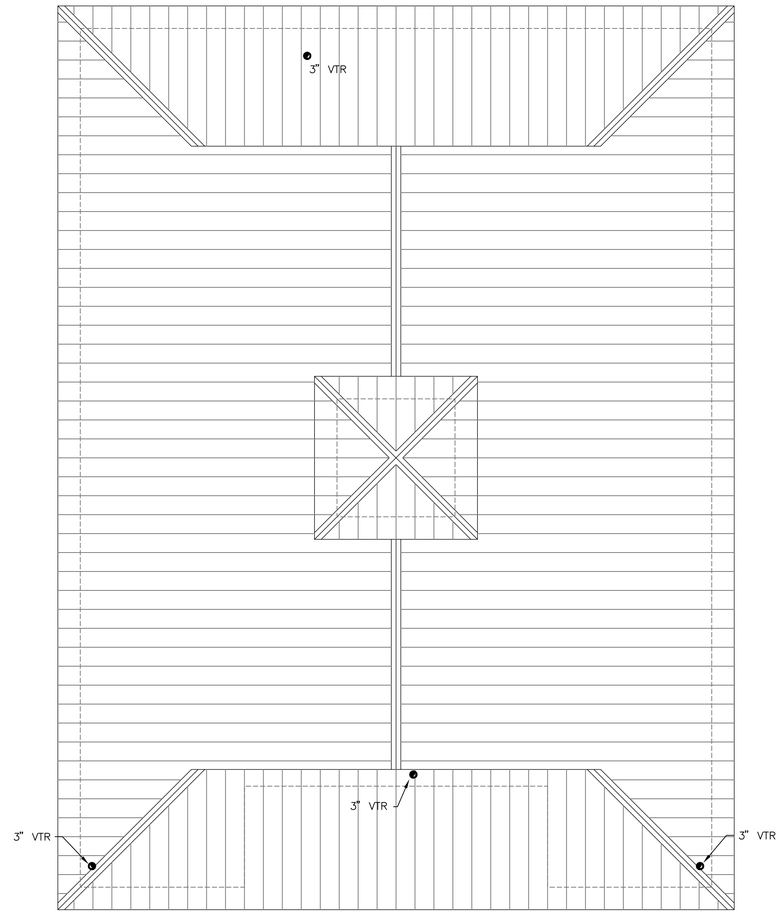
CONTRACT T200507303
COUNTY SUSSEX
BRIDGE NO. X
DRAWN BY: AHH
CHECKED BY: JRF

LIGHTING FIXTURE SCHEDULE, DETAILS & DIAGRAMS
E0-02

SHEET NO. CD198
TOTAL SHTS. CD282



SANITARY PLAN
SCALE: 1/4"=1'-0"



SANITARY ROOF PLAN
SCALE: 1/4"=1'-0"

NOTES:

1. SEE DETAIL 6/P0-04 FOR JANITORS ROOM DRY VENT DETAIL.
2. IN AREA'S WHERE WCO & WH-1 ARE TO BE STACKED, CONTRACTOR TO STACK PIPING WITH ADEQUATE CLEARANCE FOR COVER PLATES.

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS			
1	INCREASED UNDERGROUND SANITARY MAIN TO 6"	MLF	5/17/13

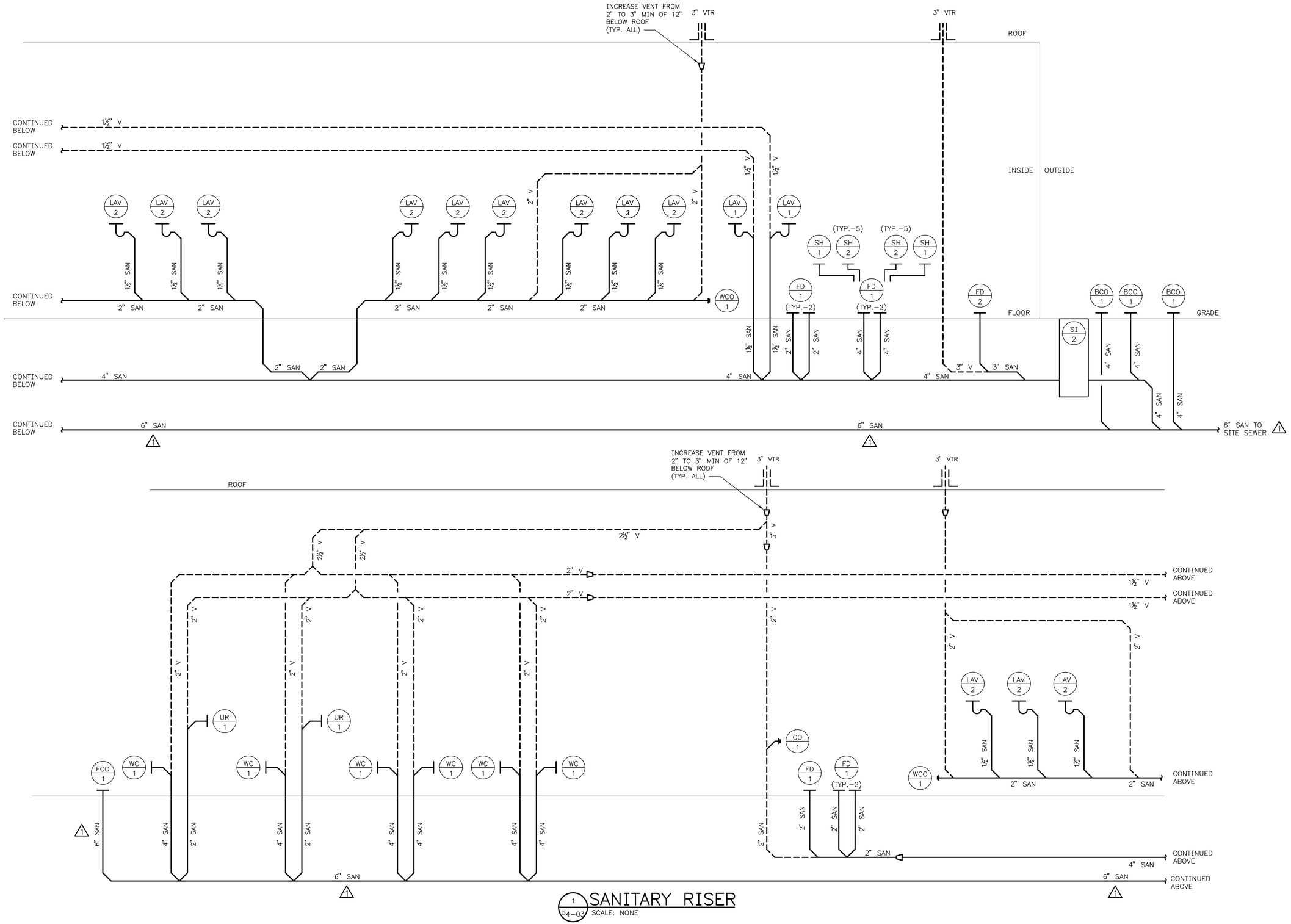
SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

CONTRACT	BRIDGE NO.	X
T200507303	DRAWN BY:	MLF
COUNTY	CHECKED BY:	JRF
SUSSEX		

RV SHOWER FACILITY
BUILDING 4
PLUMBING PLANS (SHEET 1 OF 2)
P4-01

SHEET NO.
CD235
TOTAL SHTS.
CD282



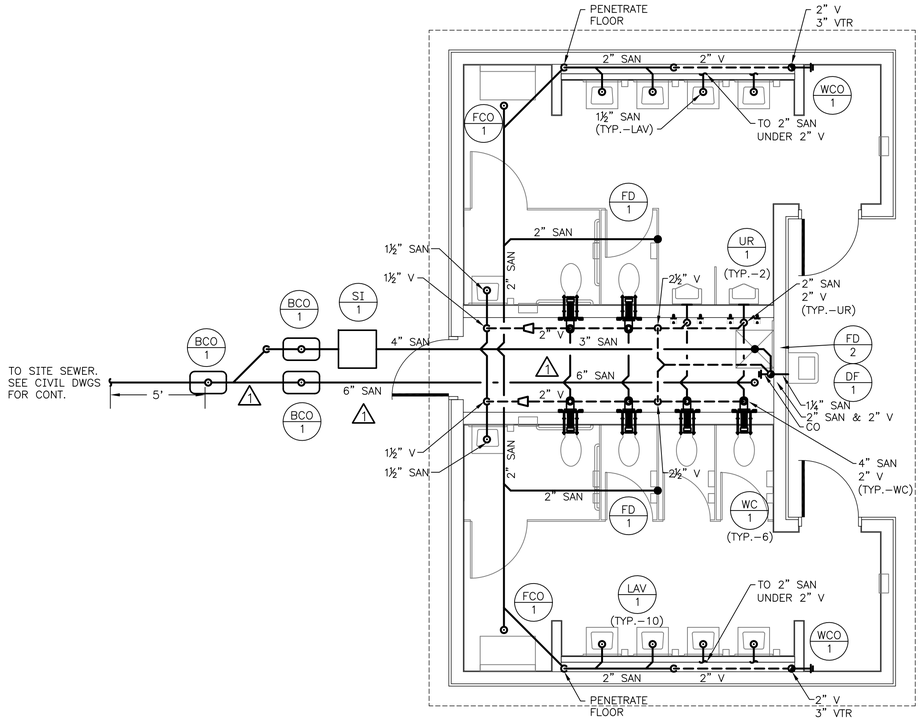
1 P4-03 SANITARY RISER
SCALE: NONE

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS: ⚠1 INCREASED UNDERGROUND SANITARY MAIN TO 6" — MLF — 5/17/13	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS

CONTRACT	T200507303	BRIDGE NO.	X
COUNTY	SUSSEX	DRAWN BY:	MLF
		CHECKED BY:	JRF

RV SHOWER FACILITY
BUILDING 4
RISER DIAGRAMS (SHEET 1 OF 3)
P4-03

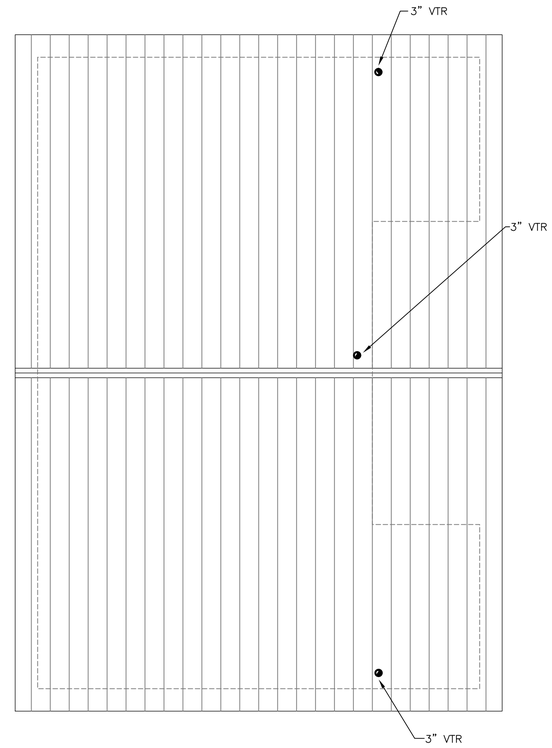
SHEET NO.	CD237
TOTAL SHTS.	CD282



1 P5-01 SANITARY PLAN
SCALE: 1/4"=1'-0"

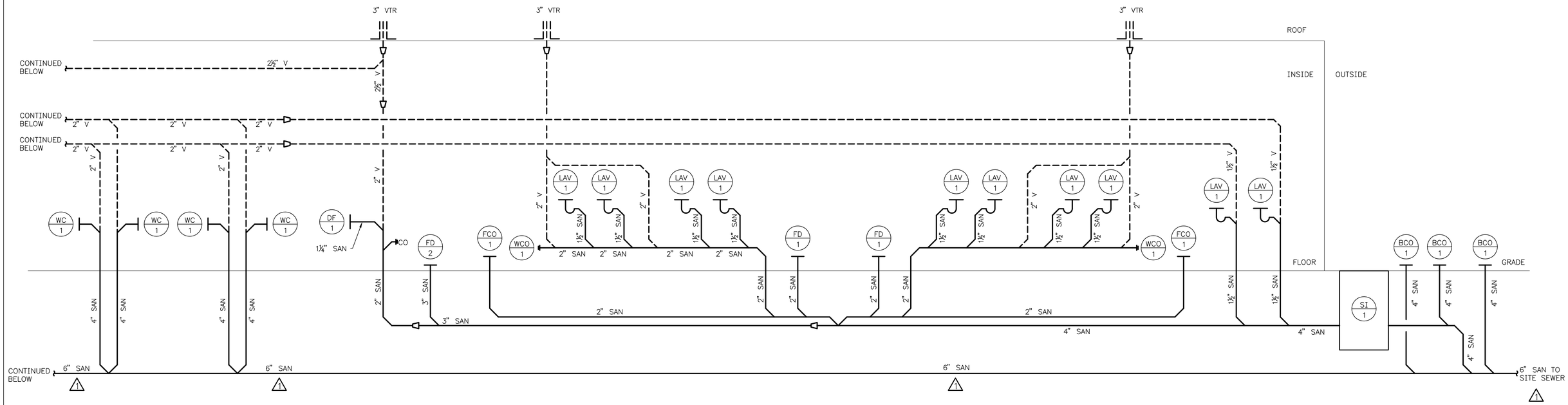
NOTES:

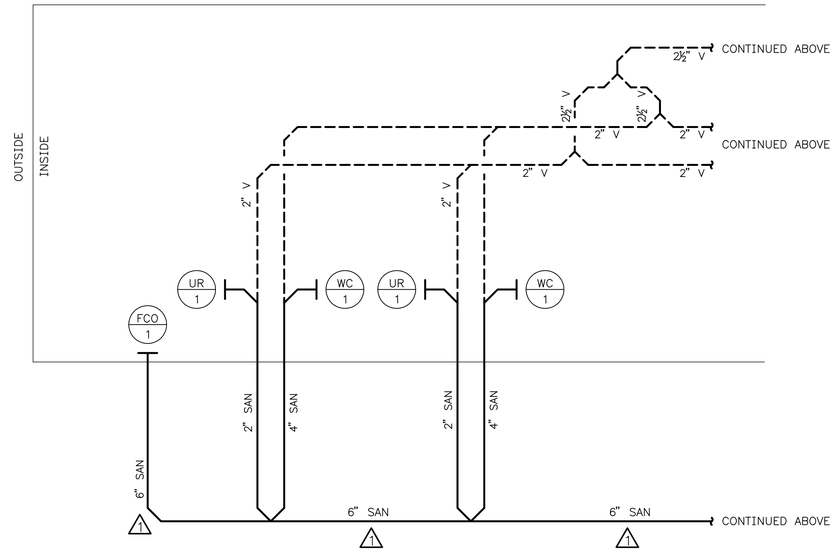
1. SEE DETAIL 6/P0-04 FOR JANITORS ROOM DRY VENT DETAIL.
2. IN AREA'S WHERE WCO & WH-1 ARE TO BE STACKED, CONTRACTOR TO STACK PIPING WITH ADEQUATE CLEARANCE FOR COVER PLATES.



2 P5-01 SANITARY ROOF PLAN
SCALE: 1/4"=1'-0"

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS: ⚠1 INCREASED UNDERGROUND SANITARY MAIN TO 6" — MLF — 5/17/13	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	BATH HOUSE BUILDING 5 PLUMBING PLANS (SHEET 1 OF 2) P5-01	SHEET NO. CD248
				COUNTY SUSSEX	DRAWN BY: MLF		TOTAL SHTS. CD282
					CHECKED BY: JRF		





1 P5-03 SANITARY RISER
SCALE: NONE

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

1 INCREASED UNDERGROUND SANITARY MAIN TO 6"	MLF	5/17/13	

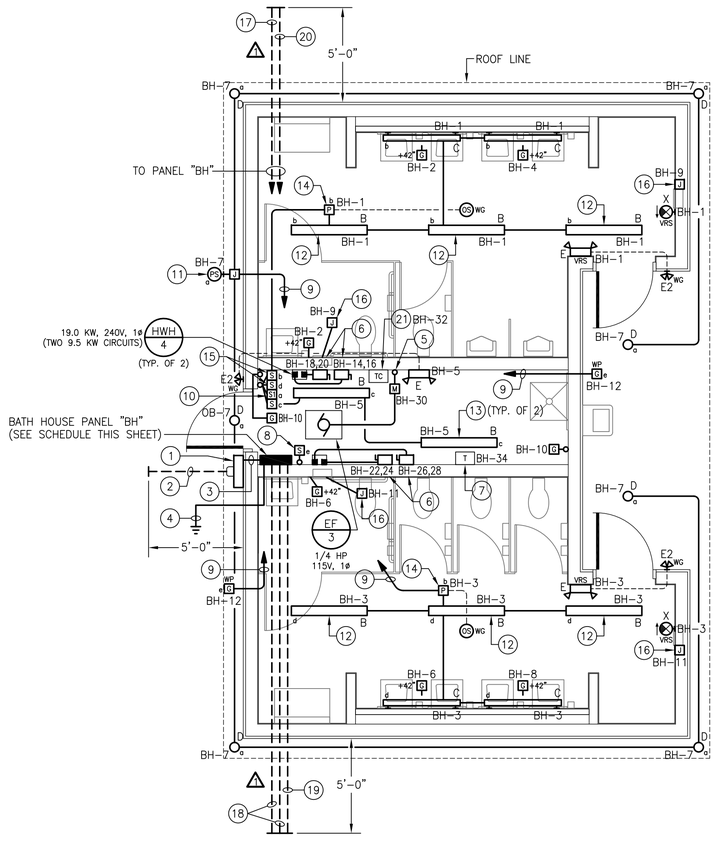
SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

CONTRACT	BRIDGE NO.	X	
T200507303	DRAWN BY:	MLF	
COUNTY	CHECKED BY:	JRF	
SUSSEX			

BATH HOUSE
BUILDING 5
RISER DIAGRAMS (SHEET 1 OF 2)
P5-03

SHEET NO.	
CD250	
TOTAL SHTS.	
CD282	



1 E5-01 BATH HOUSE – ELECTRICAL PLAN

SCALE: 1/4"=1'-0"

SHEET NOTES:

1. 400A, 1ø, 3W METER SOCKET PER UTILITY REQUIREMENTS (METER PROVIDED BY ELECTRIC UTILITY).
2. (2) EMPTY 3" SCHEDULE 80 PVC UNDERGROUND CONDUIT STUB-OUTS WITH PULL STRINGS FOR ELECTRICAL SERVICE TO BUILDING (CONDUCTORS PROVIDED BY OTHERS). TOP OF CONDUITS SHALL BE BURIED MINIMUM 36" BELOW FINISHED GRADE. PROVIDE CONTINUOUS DETECTABLE RED WARNING TAPE IN BACKFILL 12" BELOW FINISHED GRADE ("CAUTION – BURIED ELECTRIC LINE BELOW").
3. (2) SETS OF 2"C: 3#3/0.
4. SEE DIAGRAM 3/E0-02 FOR PANELBOARD GROUNDING AND BONDING DETAILS.
5. SEE EXHAUST FAN WIRING DIAGRAM 2/E0-02.
6. ENCLOSED DISCONNECT SWITCH: 60A/3P, 600V IN NEMA 4X POLYCARBONATE ENCLOSURE WITH ROTARY HANDLE PADLOCKABLE IN "OFF" POSITION (PROVIDE SQUARE D CLASS 3110 "MD" SERIES OR APPROVED EQUAL).
7. CONTROL POWER TRANSFORMER (TRANSFORMER & LOW VOLTAGE CONTROL WIRING PROVIDED BY CONTROLS CONTRACTOR). PRIMARY CIRCUIT TO BE PROVIDED BY ELECTRICAL CONTRACTOR. NOTE: TRANSFORMER TO BE PROVIDED WITH FACTORY-INSTALLED PRIMARY AND SECONDARY FUSE BLOCKS WITH FUSES AS REQUIRED.
8. MASTER SWITCH CONTROL FOR EXTERIOR RECEPTACLE OUTLETS (PROVIDE LABEL).
9. TO TOGGLE SWITCH BY CHASE ENTRY DOOR.
10. EXTERIOR LIGHTING MAINTENANCE SWITCH (PROVIDE LABEL). SEE EXTERIOR LIGHTING CONTROL WIRING DIAGRAM 1/E0-02.
11. OUTDOOR PHOTOSENSOR FOR CONTROL OF EXTERIOR LIGHTING FIXTURES (SEE EXTERIOR LIGHTING CONTROL WIRING DIAGRAM 1/E0-02 FOR DETAILS). MOUNT TO ROOF LINE FASCIA ON NORTH SIDE OF BUILDING.
12. SECURE LIGHTING FIXTURE TO UNDERSIDE OF ROOF JOISTS.
13. CHAIN-SUSPEND LIGHTING FIXTURE 8'-0" A.F.F. EXACT LOCATION TO BE FIELD-COORDINATED WITH MECHANICAL PIPING & DUCTWORK (TYP. OF 2.
14. POWER RELAY PACK WITH OCCUPANCY SENSORS FOR CONTROL OF BATHROOM LIGHTING FIXTURES. CONNECT PER MANUFACTURER'S WIRING INSTRUCTIONS.
15. MASTER-OFF SWITCHES FOR MEN'S & WOMEN'S ROOM LIGHTING FIXTURES (PROVIDE LABELS). CONNECT PER OCCUPANCY SENSOR MANUFACTURER'S WIRING INSTRUCTIONS.
16. JUNCTION BOX FOR HAND DRYER (510W, 120V, 1ø). FIELD-COORDINATE EXACT LOCATION AND PROVIDE ALL CIRCUITING TO HAND DRYER AS REQUIRED PER DRYER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
17. EMPTY 2-1/2" SCHEDULE 80 PVC UNDERGROUND CONDUIT STUB-OUT WITH PULL STRING FOR ELECTRICAL FEEDER TO ADMINISTRATION CONTACT STATION (CONDUCTORS PROVIDED BY OTHERS). TOP OF CONDUIT SHALL BE BURIED MINIMUM 36" BELOW FINISHED GRADE. PROVIDE CONTINUOUS DETECTABLE RED WARNING TAPE IN BACKFILL 12" BELOW FINISHED GRADE ("CAUTION – BURIED ELECTRIC LINE BELOW").
18. EMPTY 1" SCHEDULE 80 PVC UNDERGROUND CONDUIT STUB-OUT WITH PULL STRING FOR SITE LIGHTING BRANCH CIRCUIT (CONDUCTORS PROVIDED BY OTHERS). TOP OF CONDUIT SHALL BE BURIED MINIMUM 36" BELOW FINISHED GRADE. PROVIDE CONTINUOUS DETECTABLE RED WARNING TAPE IN BACKFILL 12" BELOW FINISHED GRADE ("CAUTION – BURIED ELECTRIC LINE BELOW").
19. EMPTY 1" SCHEDULE 80 PVC UNDERGROUND CONDUIT STUB-OUT WITH PULL STRING FOR PAVILION 7A LIGHTING & RECEPTACLE BRANCH CIRCUITS (CONDUCTORS PROVIDED BY OTHERS). TOP OF CONDUIT SHALL BE BURIED MINIMUM 36" BELOW FINISHED GRADE. PROVIDE CONTINUOUS DETECTABLE RED WARNING TAPE IN BACKFILL 12" BELOW FINISHED GRADE ("CAUTION – BURIED ELECTRIC LINE BELOW").
20. EMPTY 1" SCHEDULE 80 PVC UNDERGROUND CONDUIT STUB-OUT WITH PULL STRING FOR POST-MOUNTED GFCI RECEPTACLE BRANCH CIRCUIT (CONDUCTORS PROVIDED BY OTHERS). TOP OF CONDUIT SHALL BE BURIED MINIMUM 36" BELOW FINISHED GRADE. PROVIDE CONTINUOUS DETECTABLE RED WARNING TAPE IN BACKFILL 12" BELOW FINISHED GRADE ("CAUTION – BURIED ELECTRIC LINE BELOW").
21. TIME CLOCK CONTROL FOR EXHAUST FAN EF/3 (TIME CLOCK & CONTROL WIRING TO EXHAUST FAN PROVIDED BY CONTROLS CONTRACTOR). POWER SUPPLY CIRCUIT TO BE PROVIDED BY ELECTRICAL CONTRACTOR.

PANELBOARD "BH" SCHEDULE

LOCATION: BATH HOUSE **TYPE:** 240/120V, 1ø, 3W

SOURCE: UTILITY TRANSFORMER **MAIN BREAKER:** 400A

DESCRIPTION	BRKR SIZE	CIR NO	A	B	CIR NO	BRKR SIZE	DESCRIPTION
LTG – MEN'S ROOM	20A	1			2	20A	REC – MEN'S ROOM
LTG – WOMEN'S ROOM	20A	3			4	20A	REC – MEN'S ROOM
LTG – CHASE	20A	5			6	20A	REC – WOMEN'S ROOM
LTG – EXTERIOR	20A	7			8	20A	REC – WOMEN'S ROOM
HAND DRYERS (MEN'S)	20A	9			10	20A	REC – CHASE
HAND DRYERS (WOMEN'S)	20A	11			12	20A	REC – EXTERIOR
SPARE	20A	13			14	50A	INSTANTANEOUS WTR. HTR. (MEN'S) – CIRC. #1
SPARE	20A	15			16		
SPARE	20A	17			18	50A	INSTANTANEOUS WTR. HTR. (MEN'S) – CIRC. #2
SPARE	20A	19			20		
SPARE	20A	21			22	50A	INSTANTANEOUS WTR. HTR. (WOMEN'S) – CIRC. #1
SPARE	20A	23			24		
PREPARED SPACE	–	25			26	50A	INSTANTANEOUS WTR. HTR. (WOMEN'S) – CIRC. #2
PREPARED SPACE	–	27			28		
PREPARED SPACE	–	29			30	15A	EXHAUST FAN
PREPARED SPACE	–	31			32	15A	EXH. FAN TIME CLOCK CONTROL
(RESERVED FOR POST MTD. REC'S.)	20A	33			34	20A	CONTROL POWER XFMR
(RESERVED FOR PAVILION 7A LTG.)	20A	35			36	20A	SPARE
(RESERVED FOR PAVILION 7A REC'S.)	20A	37			38	20A	SPARE
(RESERVED FOR SITE LTG.)	20A	39			40	60A	(RESERVED FOR FEEDER TO ADMIN. CONTACT STATION)
(RESERVED FOR SITE LTG.)	20A	41			42		

PANEL NOTES:

1. PANELBOARD ASSEMBLY SHALL BE SUITABLE FOR USE AS SERVICE EQUIPMENT.
2. UL SHORT CIRCUIT CURRENT RATING OF PANELBOARD AND UL INTERRUPT RATINGS OF ALL CIRCUIT BREAKERS WITHIN PANELBOARD SHALL BE COORDINATED WITH AVAILABLE FAULT CURRENT AT PANELBOARD PRIOR TO PURCHASING EQUIPMENT. COORDINATE WITH ELECTRIC UTILITY AND SITE ENGINEER.
3. ALL CIRCUIT BREAKERS WITHIN PANELBOARD SHALL BE HACR RATED.

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS	
REVISED ELECTRICAL PLAN: A.H.H. 05/17/13	

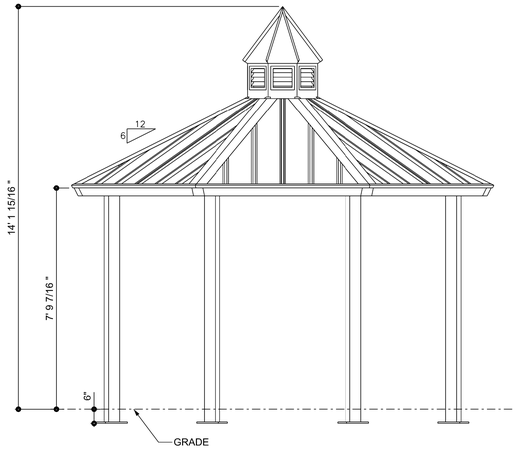
SCALE AS NOTED

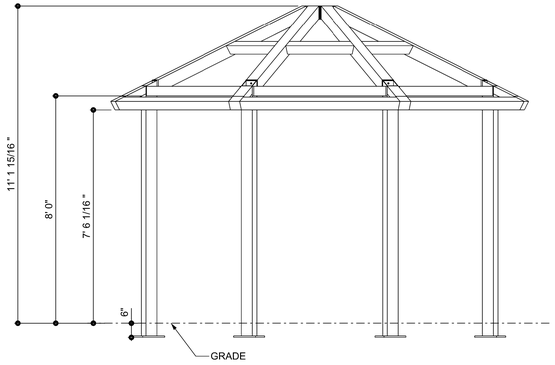
INDIAN RIVER INLET
PARK ENHANCEMENTS

CONTRACT	BRIDGE NO.	X
T200507303	DRAWN BY:	AHH
COUNTY	CHECKED BY:	JRF
SUSSEX		

BATH HOUSE
BUILDING 5
ELECTRICAL PLAN
E5-01

SHEET NO.
CD252
TOTAL SHTS.
CD282



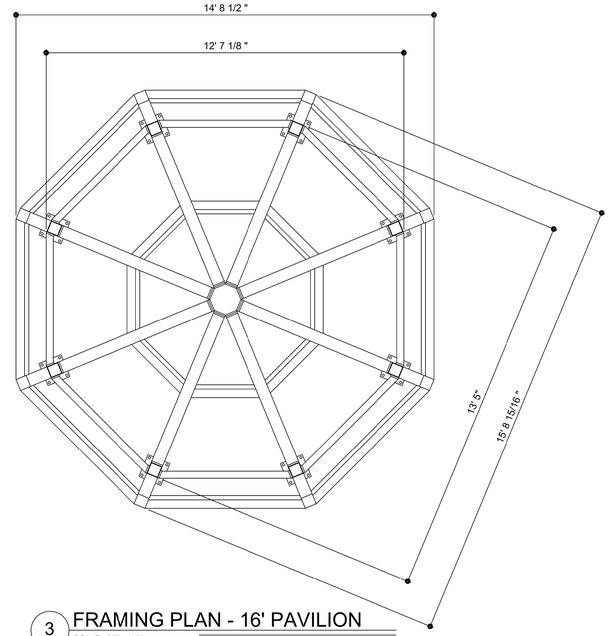


4 ELEVATION - 16' PAVILION

SCALE : 3/8"= 1'-0"

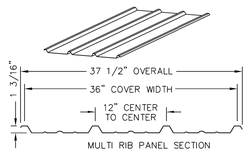
ALL STRUCTURAL COMPONENTS WILL BE:
TUBE: ASTM A500 GRADE B
PLATE: ASTM A36
BOLTS: ASTM A325
NUTS: ASTM A563
WELDING: GMAW

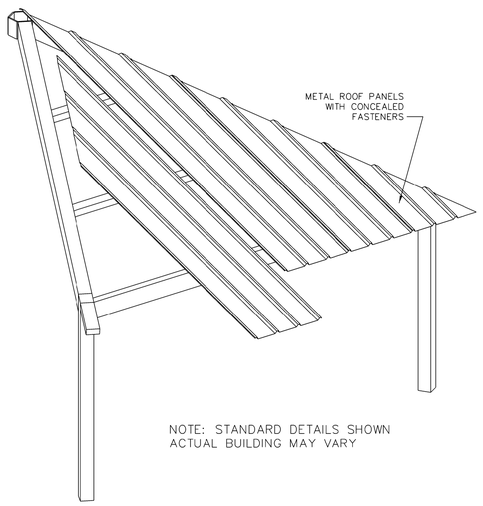
NOTE:
COLUMN SIZE: HSS 5X5X3/16



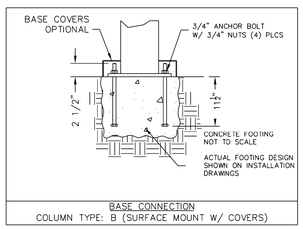
3 FRAMING PLAN - 16' PAVILION

SCALE : 3/8"= 1'-0"





NOTE: STANDARD DETAILS SHOWN
ACTUAL BUILDING MAY VARY



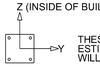
2 FOUNDATION DETAILS - 16' PAVILION

SCALE : NTS

1

NOTES:
1. SHADE STRUCTURES SHOWN ARE BASIS-OF-DESIGN ICON SHELTER SYSTEMS, INC., OTHER ACCEPTABLE MANUFACTURERS ARE CLASSIC RECREATION SYSTEMS, INC. & POLIGON, OR EQUIVALENT.
2. SHADE STRUCTURE MANUFACTURER IS RESPONSIBLE FOR ENGINEERING THE STRUCTURE, AND PROVIDE LOAD AND REACTION INFORMATION TO FOUNDATION DESIGN ENGINEER.
3. SHADE STRUCTURE TO BE ENGINEERED AS AN OPEN-AIR STRUCTURE, NO SIDE WALLS.
4. CONTRACTOR IS RESPONSIBLE TO ENGINEER AND PROVIDE THE CONCRETE FOUNDATIONS FOR THE STRUCTURES.

DEFINITIONS:
DL = SERVICE LEVEL DEAD LOAD REACTION WITH THE GREATEST AXIAL LOAD
SL = SERVICE LEVEL SNOW LOAD REACTION WITH THE GREATEST AXIAL LOAD
W-UL = SERVICE LEVEL WIND LOAD REACTION WITH THE GREATEST UPLIFT LOAD
W-Y = SERVICE LEVEL WIND LOAD REACTION WITH THE GREATEST MAGNITUDE OF SHEAR IN THE LOCAL Y DIRECTION
W-Z = SERVICE LEVEL WIND LOAD REACTION WITH THE GREATEST SHEAR VALUE ACTING IN THE SAME DIRECTION AS THE DL SHEAR LOAD
E-Y = SERVICE LEVEL SEISMIC LOAD REACTION WITH THE GREATEST MAGNITUDE OF SHEAR IN THE LOCAL Y DIRECTION
E-Z = SERVICE LEVEL SEISMIC LOAD REACTION WITH THE GREATEST MAGNITUDE OF SHEAR IN THE LOCAL Z DIRECTION



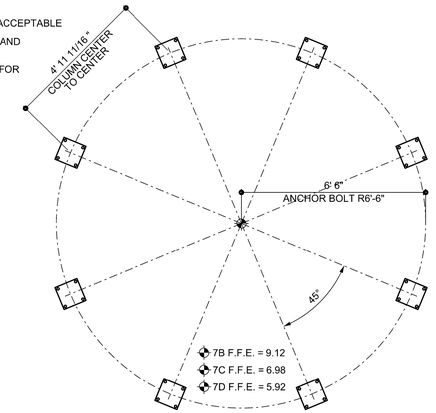
THESE FOUNDATION LOADS ARE FOR ESTIMATING PURPOSE ONLY. THE ACTUAL LOADS WILL BE DETERMINED IN THE FINAL ENGINEERING.

LOADS TO FOUNDATION (KIPS, IN-KIPS) — CL1

LOAD COMBINATION	FOUNDATION LOADS				
	AXIAL (Fx)	SHEAR (Fy)	SHEAR (Fz)	MOMENT (My)	MOMENT (Mz)
DL	0.33	0.00	0.00	0.13	0.00
SL	0.45	0.00	0.00	-0.10	0.00
W-UPLIFT	-0.36	0.11	-0.02	2.03	6.38
W-FY	-0.26	-0.11	0.02	-1.95	-6.36
W-FZ	-0.35	-0.04	-0.06	4.87	-2.66
E-FY	-0.01	-0.02	0.00	0.34	-1.09
E-Z	-0.02	-0.01	-0.01	0.82	-0.45

NOTE:

1. POST LOCATIONS TO BE COORDINATED TO NOT INTERFERE WITH ACCESSIBILITY TO COMPLY TO ANSI A117.1 THE AMERICANS WITH DISABILITIES ACT (ADA) AND THE STATE OF DELAWARE'S ARCHITECTURAL ACCESSIBILITY BOARD.



1 FOUNDATION PLAN - 16' PAVILION

SCALE : 3/8"= 1'-0"

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS
1 REVISED NOTES & DETAIL: J.A.A. 05/17/13

SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

CONTRACT	BRIDGE NO.	X
T200507303	DRAWN BY:	JAA
COUNTY	CHECKED BY:	WJS
SUSSEX		

16' SHADE PAVILION -
BUILDING 7B, 7C, 7D

A7-01

SHEET NO.
CD253
TOTAL SHTS.
282

SHEET NOTES:

1. EMPTY 1" SCHEDULE 80 PVC UNDERGROUND CONDUIT STUB–OUT WITH PULL STRING FOR LIGHTING & RECEPTACLE BRANCH CIRCUITS TO PAVILION (CONDUCTORS PROVIDED BY OTHERS). TOP OF CONDUIT SHALL BE BURIED MINIMUM 36" BELOW FINISHED GRADE. PROVIDE CONTINUOUS DETECTABLE RED WARNING TAPE IN BACKFILL 12" BELOW FINISHED GRADE ("CAUTION – BURIED ELECTRIC LINE BELOW").

2. PROVIDE WEATHERPROOF JUNCTION BOX SIZED AS REQUIRED TO DO THE FOLLOWING:
   A. TERMINATE CIRCUITS –A & –B FOR CONNECTION TO BRANCH CIRCUIT CONDUCTORS BY OTHERS. PROVIDE MINIMUM 12" OF SLACK FOR EACH CIRCUIT.
   B. PROVIDE EQUIPMENT GROUNDING BUS SIZED AS REQUIRED TO TERMINATE EQUIPMENT GROUNDING CONDUCTORS AND GROUNDING ELECTRODE CONDUCTOR. EQUIPMENT GROUNDING BUS SHALL BE BONDED TO JUNCTION BOX HOUSING. NEUTRAL CONDUCTORS SHALL NOT BE BONDED TO EQUIPMENT GROUNDS ANYWHERE AT PAVILION.

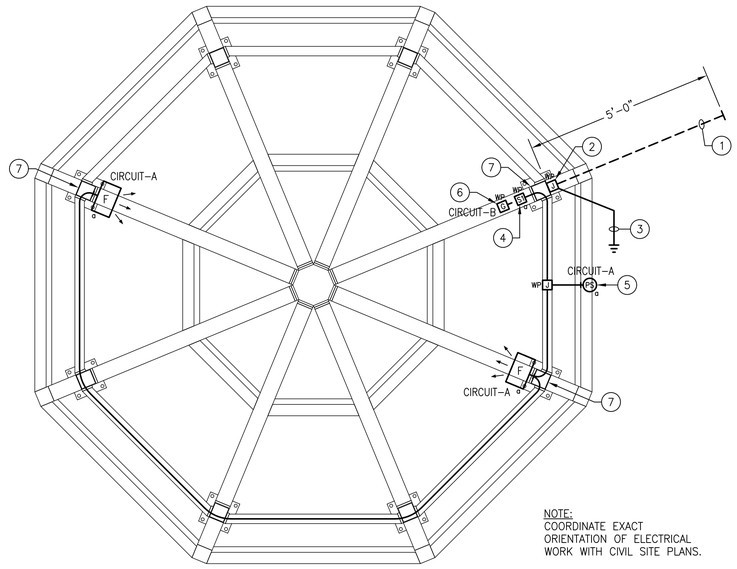
3. PROVIDE THE FOLLOWING GROUNDING ELECTRODE CONDUCTORS FROM EQUIPMENT GROUNDING BUS IN JUNCTION BOX:
   A. 1#6 COPPER TO MINIMUM OF (2) 3/4" x 10'–0" COPPER–BONDED GROUND RODS SPACED MINIMUM 10'–0" APART. TOP OF RODS SHALL BE BURIED MINIMUM 12" BELOW FINISHED GRADE.
   B. 1#6 COPPER TO BUILDING STRUCTURAL METAL (INCLUDING METAL ROOF).

4. PAVILION LIGHTING MAINTENANCE SWITCH; SEE EXTERIOR LIGHTING CONTROL WIRING DIAGRAM 1/E0–02.

5. OUTDOOR PHOTOSENSOR FOR CONTROL OF PAVILION LIGHTING FIXTURES (SEE EXTERIOR LIGHTING CONTROL WIRING DIAGRAM 1/E0–02 FOR DETAILS). MOUNT AS REQUIRED ON NORTH SIDE OF STRUCTURE.

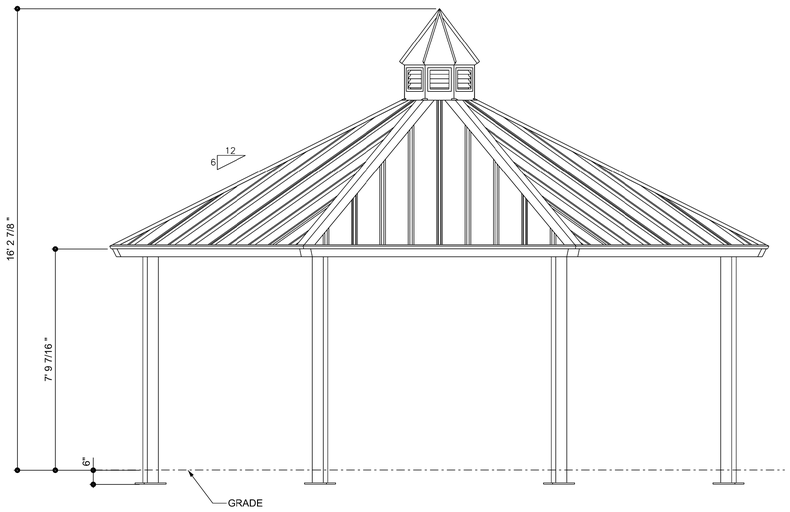
6. PROVIDE VERTICAL WEATHERPROOF WHILE–IN–USE DEVICE COVER. COVER SHALL BE HEAVY DUTY GRAY DIE–CAST ALUMINUM OR ZINC (HUBBELL CAT. NO. WP826 OR APPROVED EQUAL BY PASS & SEYMOUR).

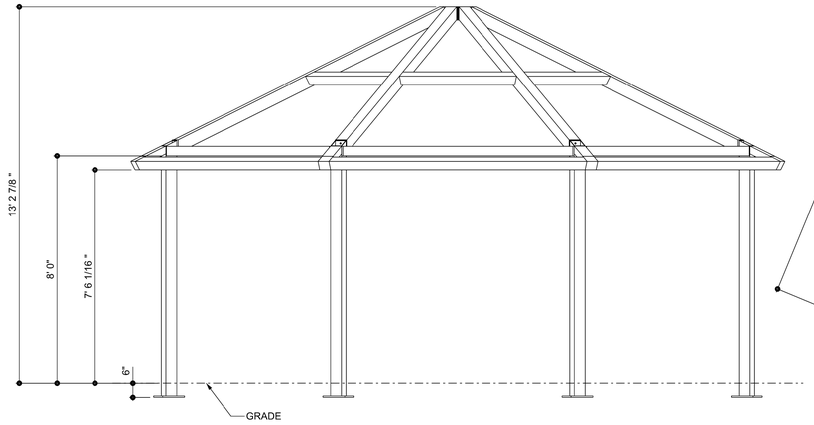
7. ROUTE CIRCUITING WITHIN STRUCTURAL POST; COORDINATE WITH ARCHITECTURAL PLANS.



1 / E7–01 16' SHADE PAVILION – ELECTRICAL PLAN
SCALE: 1/2" = 1'–0"

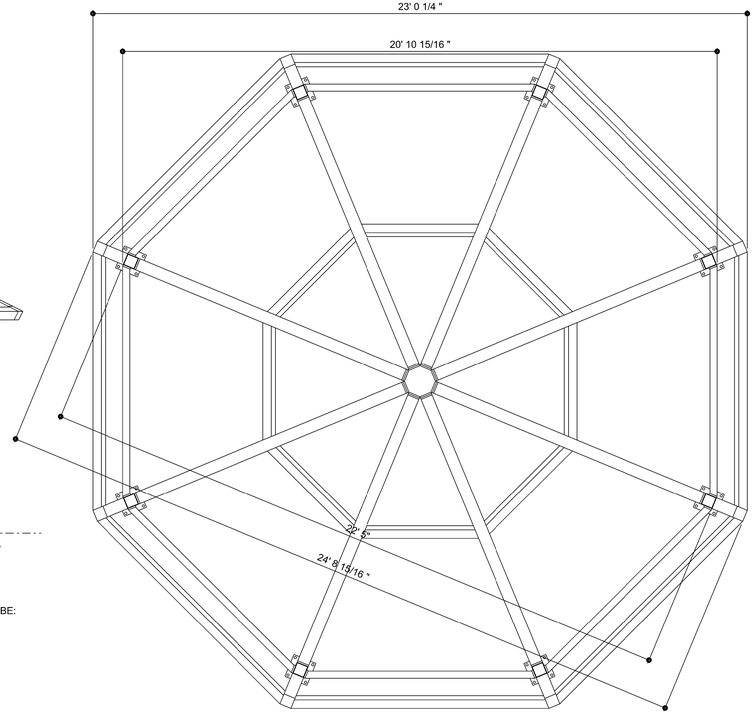
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS: ⚠ NEW SHEET: A.H.H. 05/17/13	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	16' SHADE PAVILION BUILDING 7B, 7C, 7D ELECTRICAL PLAN ⚠ A7-01A	SHEET NO. CD253A
				COUNTY SUSSEX	DRAWN BY: AHH		TOTAL SHTS. CD282
					CHECKED BY: JRF		





4 ELEVATION - 25' PAVILION

SCALE : 3/8"= 1'-0"

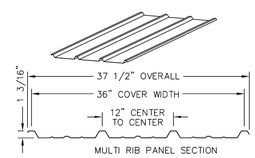


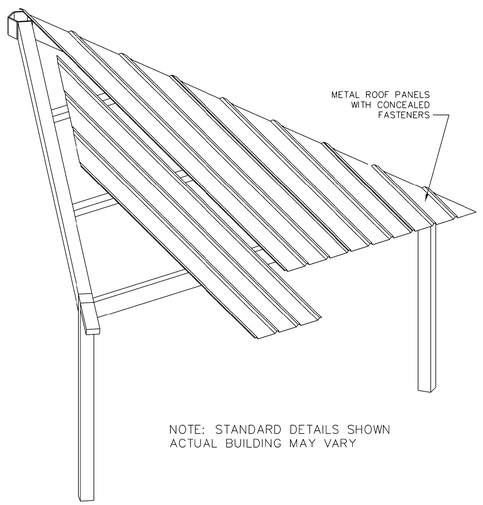
3 FRAMING PLAN - 25' PAVILION

SCALE : 3/8"= 1'-0"

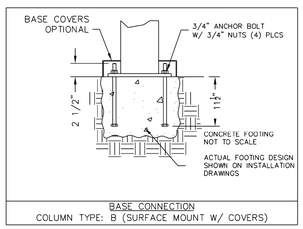
ALL STRUCTURAL COMPONENTS WILL BE:
TUBE: ASTM A500 GRADE B
PLATE: ASTM A36
BOLTS: ASTM A325
NUTS: ASTM A563
WELDING: GMAW

NOTE:
COLUMN SIZE: HSS 5X5X3/16





NOTE: STANDARD DETAILS SHOWN
ACTUAL BUILDING MAY VARY



BASE CONNECTION
COLUMN TYPE: B (SURFACE MOUNT W/ COVERS)

2 FOUNDATION DETAILS - 25' PAVILION

SCALE : NTS

NOTES:
1. SHADE STRUCTURES SHOWN ARE BASIS-OF-DESIGN ICON SHELTER SYSTEMS, INC., OTHER ACCEPTABLE MANUFACTURERS ARE CLASSIC RECREATION SYSTEMS, INC. & POLIGON, OR EQUIVALENT.
2. SHADE STRUCTURE MANUFACTURER IS RESPONSIBLE FOR ENGINEERING THE STRUCTURE, AND PROVIDE LOAD AND REACTION INFORMATION TO FOUNDATION DESIGN ENGINEER.
3. SHADE STRUCTURE TO BE ENGINEERED AS AN OPEN-AIR STRUCTURE, NO SIDE WALLS.
4. CONTRACTOR IS RESPONSIBLE TO ENGINEER AND PROVIDE THE CONCRETE FOUNDATIONS FOR THE STRUCTURES.

DEFINITIONS:
DL = SERVICE LEVEL DEAD LOAD REACTION WITH THE GREATEST AXIAL LOAD
SL = SERVICE LEVEL SNOW LOAD REACTION WITH THE GREATEST AXIAL LOAD
W-UL = SERVICE LEVEL WIND LOAD REACTION WITH THE GREATEST UPLIFT LOAD
W-Y = SERVICE LEVEL WIND LOAD REACTION WITH THE GREATEST MAGNITUDE OF SHEAR IN THE LOCAL Y DIRECTION
W-Z = SERVICE LEVEL WIND LOAD REACTION WITH THE GREATEST SHEAR VALUE ACTING IN THE SAME DIRECTION AS THE DL SHEAR LOAD
E-Y = SERVICE LEVEL SEISMIC LOAD REACTION WITH THE GREATEST MAGNITUDE OF SHEAR IN THE LOCAL Y DIRECTION
E-Z = SERVICE LEVEL SEISMIC LOAD REACTION WITH THE GREATEST MAGNITUDE OF SHEAR IN THE LOCAL Z DIRECTION

Z (INSIDE OF BUILDING)
Y

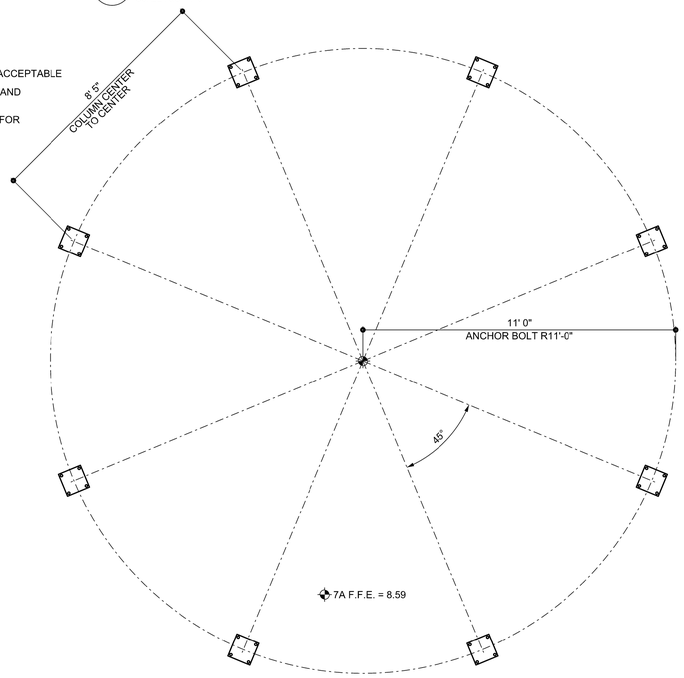
THESE FOUNDATION LOADS ARE FOR ESTIMATING PURPOSE ONLY. THE ACTUAL LOADS WILL BE DETERMINED IN THE FINAL ENGINEERING.

LOADS TO FOUNDATION (KIPS, IN-KIPS) CL1

	FOUNDATION LOADS				
LOAD COMBINATION	AXIAL (Fx)	SHEAR (Fy)	SHEAR (Fz)	MOMENT (My)	MOMENT (Mz)
DL	0.33	0.00	0.00	0.13	0.00
SL	0.45	0.00	0.00	-0.10	0.00
W-UPLIFT	-0.36	0.11	-0.02	2.03	6.38
W-FY	-0.26	-0.11	0.02	-1.95	-6.36
W-FZ	-0.35	-0.04	-0.06	4.87	-2.66
E-FY	-0.01	-0.02	0.00	0.34	-1.09
E-Z	-0.02	-0.01	-0.01	0.82	-0.45

NOTE:

1. POST LOCATIONS TO BE COORDINATED TO NOT INTERFERE WITH ACCESSIBILITY TO COMPLY TO ANSI A117.1 THE AMERICANS WITH DISABILITIES ACT (ADA) AND THE STATE OF DELAWARE'S ARCHITECTURAL ACCESSIBILITY BOARD.



1 FOUNDATION PLAN - 25' PAVILION

SCALE : 3/8"= 1'-0"

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS	
1 REVISED NOTES & DETAIL: J.A.A. 05/17/13	

SCALE AS NOTED

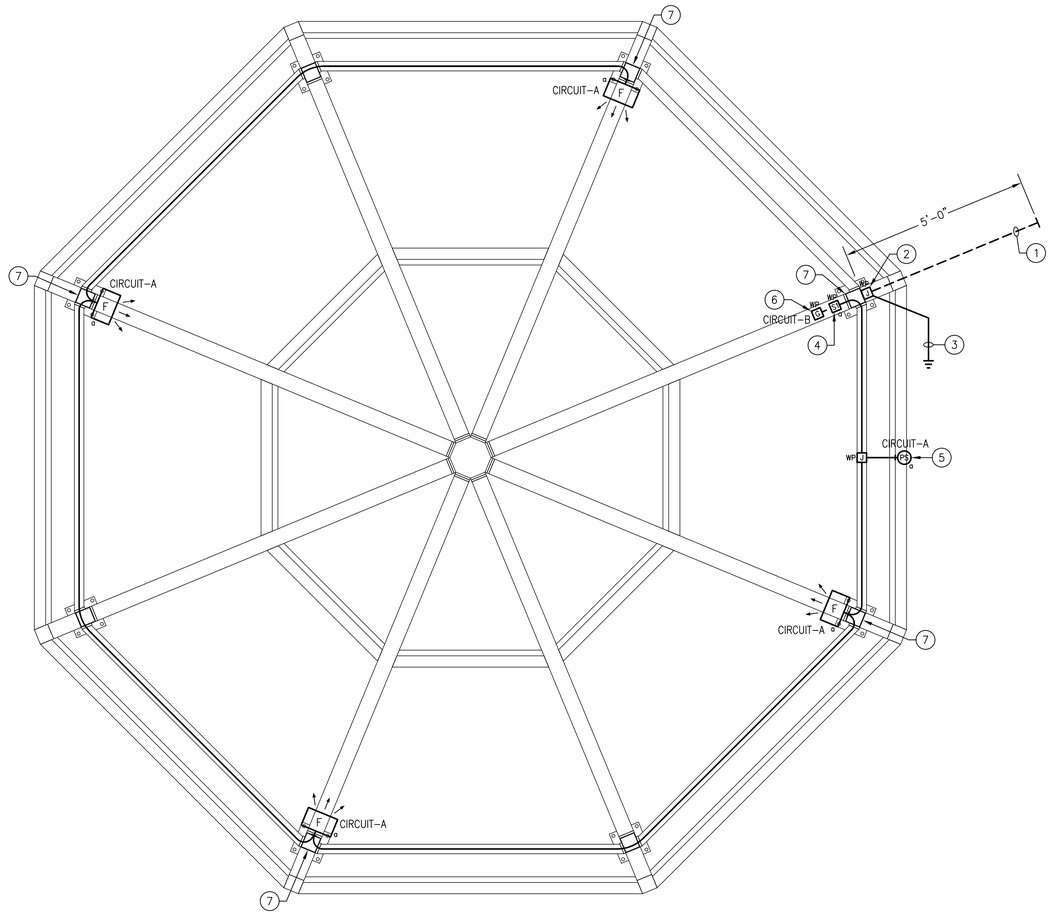
INDIAN RIVER INLET
PARK ENHANCEMENTS

CONTRACT	BRIDGE NO.	X	
T200507303	DRAWN BY:	JAA	
COUNTY			
SUSSEX	CHECKED BY:	WJS	

25' SHADE PAVILION -
BUILDING 7A

A7-02

SHEET NO.
CD254
TOTAL SHTS.
282



25' SHADE PAVILION – ELECTRICAL PLAN

N 1 E7-02 SCALE: 1/2"=1'–0"

SHEET NOTES:

1. EMPTY 1" SCHEDULE 80 PVC UNDERGROUND CONDUIT STUB–OUT WITH PULL STRING FOR LIGHTING & RECEPTACLE BRANCH CIRCUITS TO PAVILION (CONDUCTORS PROVIDED BY OTHERS). TOP OF CONDUIT SHALL BE BURIED MINIMUM 36" BELOW FINISHED GRADE. PROVIDE CONTINUOUS DETECTABLE RED WARNING TAPE IN BACKFILL 12" BELOW FINISHED GRADE ("CAUTION – BURIED ELECTRIC LINE BELOW").

2. PROVIDE WEATHERPROOF JUNCTION BOX SIZED AS REQUIRED TO DO THE FOLLOWING:
   A. TERMINATE CIRCUITS –A & –B FOR CONNECTION TO BRANCH CIRCUIT CONDUCTORS BY OTHERS. PROVIDE MINIMUM 12" OF SLACK FOR EACH CIRCUIT.
   B. PROVIDE EQUIPMENT GROUNDING BUS SIZED AS REQUIRED TO TERMINATE EQUIPMENT GROUNDING CONDUCTORS AND GROUNDING ELECTRODE CONDUCTOR. EQUIPMENT GROUNDING BUS SHALL BE BONDED TO JUNCTION BOX HOUSING. NEUTRAL CONDUCTORS SHALL NOT BE BONDED TO EQUIPMENT GROUNDS ANYWHERE AT PAVILION.

3. PROVIDE THE FOLLOWING GROUNDING ELECTRODE CONDUCTORS FROM EQUIPMENT GROUNDING BUS IN JUNCTION BOX:
   A. 1#6 COPPER TO MINIMUM OF (2) 3/4" x 10'–0" COPPER–BONDED GROUND RODS SPACED MINIMUM 10'–0" APART. TOP OF RODS SHALL BE BURIED MINIMUM 12" BELOW FINISHED GRADE.
   B. 1#6 COPPER TO BUILDING STRUCTURAL METAL (INCLUDING METAL ROOF).

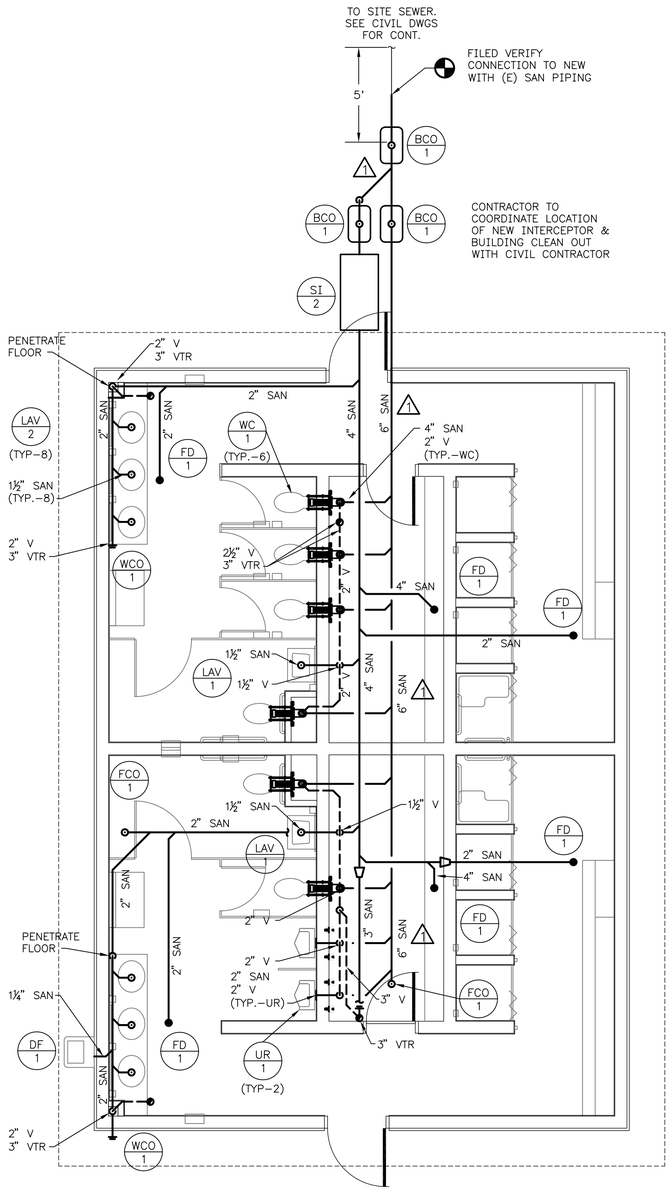
4. PAVILION LIGHTING MAINTENANCE SWITCH; SEE EXTERIOR LIGHTING CONTROL WIRING DIAGRAM 1/E0–02.

5. OUTDOOR PHOTOSENSOR FOR CONTROL OF PAVILION LIGHTING FIXTURES (SEE EXTERIOR LIGHTING CONTROL WIRING DIAGRAM 1/E0–02 FOR DETAILS). MOUNT AS REQUIRED ON NORTH SIDE OF STRUCTURE.

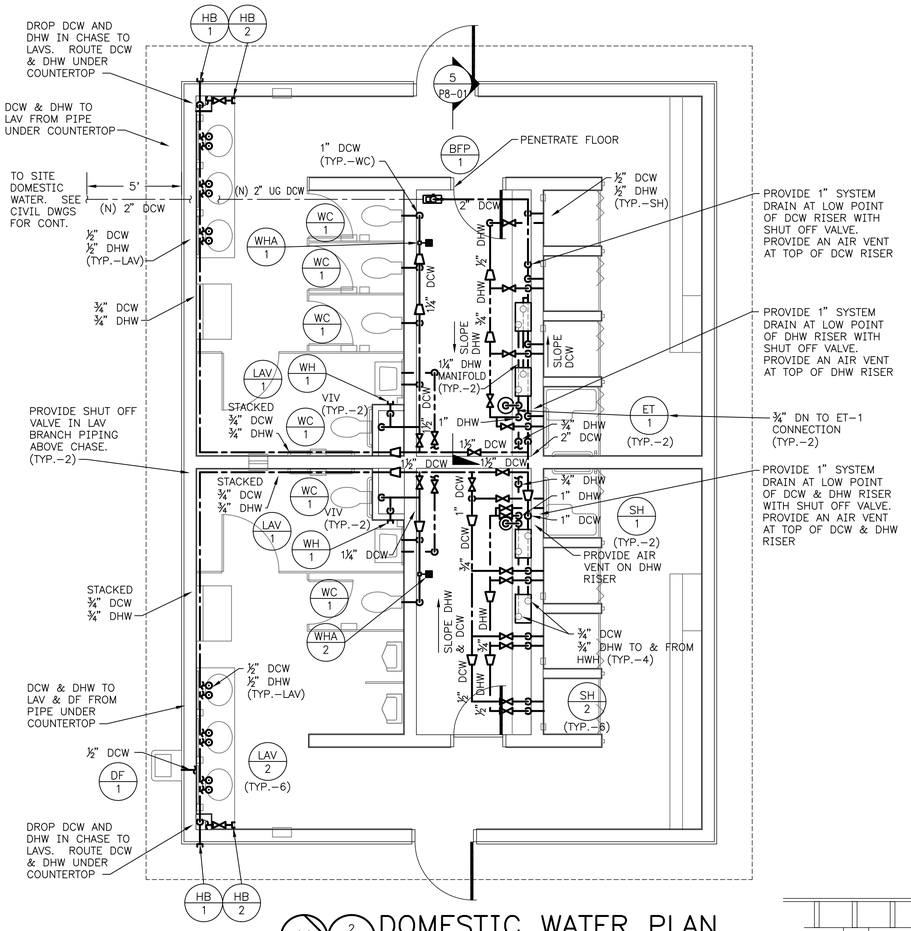
6. PROVIDE VERTICAL WEATHERPROOF WHILE–IN–USE DEVICE COVER. COVER SHALL BE HEAVY DUTY GRAY DIE–CAST ALUMINUM OR ZINC (HUBBELL CAT. NO. WP826 OR APPROVED EQUAL BY PASS & SEYMOUR).

7. ROUTE CIRCUITING WITHIN STRUCTURAL POST; COORDINATE WITH ARCHITECTURAL PLANS.

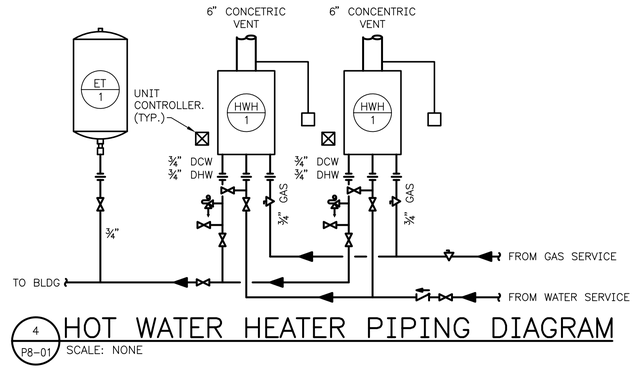
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS ⚠ NEW SHEET: A.H.H. 05/17/13	SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT T200507303	BRIDGE NO. X	25' SHADE PAVILION BUILDING 7A ELECTRICAL PLAN ⚠ A7-02A	SHEET NO. CD254A
				COUNTY SUSSEX	DRAWN BY: AHH		TOTAL SHTS. CD282
					CHECKED BY: JRF		



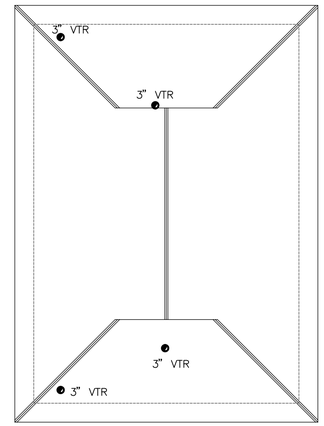
N 1 P8-01 SANITARY PLAN
SCALE: 1/4"=1'-0"



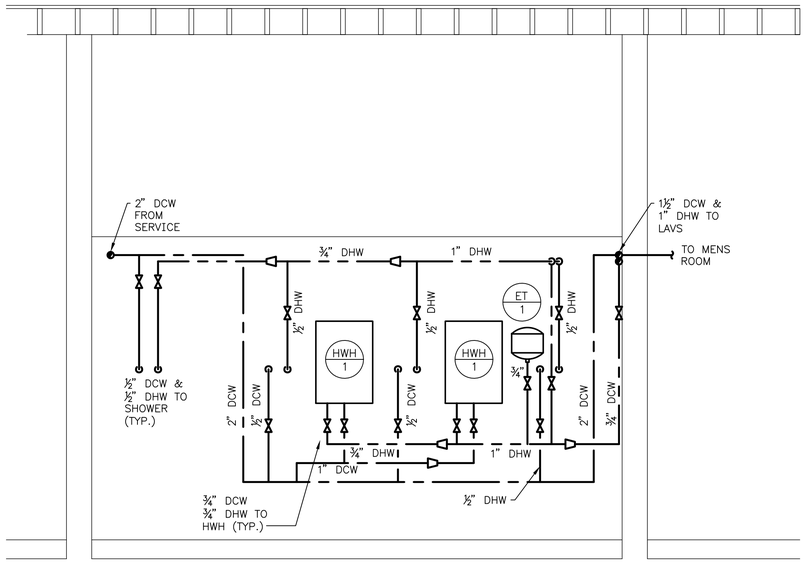
N 2 P8-01 DOMESTIC WATER PLAN
SCALE: 1/4"=1'-0"



4 P8-01 HOT WATER HEATER PIPING DIAGRAM
SCALE: NONE



N 3 P8-01 SANITARY ROOF PLAN
SCALE: 1/4"=1'-0"



5 P8-01 HWH ELEVATION
SCALE: 1/2"=1'-0"

NOTES:

1. REFER TO P0-01 FOR PLUMBING NOTES AND LEGEND
2. SLOPE ALL PIPING TOWARDS SYSTEM DRAIN.
3. CONTRACTOR TO PROVIDE SHUT OFF VALVE IN ALL FIXTURE BRANCHES. NOT SHOWN ON DRAWING FOR CLARITY.
4. CONTRACTOR TO MANIFOLD HWH'S TOGETHER FOR DCW AND DHW.
5. CONTRACTOR TO COORDINATE PROPANE TANK LOCATION WITH CIVIL CONTRACTOR.
6. SEE DETAIL 6/P0-04 FOR JANITORS ROOM DRY VENT DETAIL.
7. IN AREA'S WHERE WCO & WH-1 ARE TO BE STACKED, CONTRACTOR TO STACK PIPING WITH ADEQUATE CLEARANCE FOR COVER PLATES.
8. CONTRACTOR TO LOCATE EXISTING SANITARY PIPING FOR NEW PIPING TIE IN.

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

1 INCREASED UNDERGROUND SANITARY MAIN TO 6" & REVERSED MAINS	MLF	5/17/13

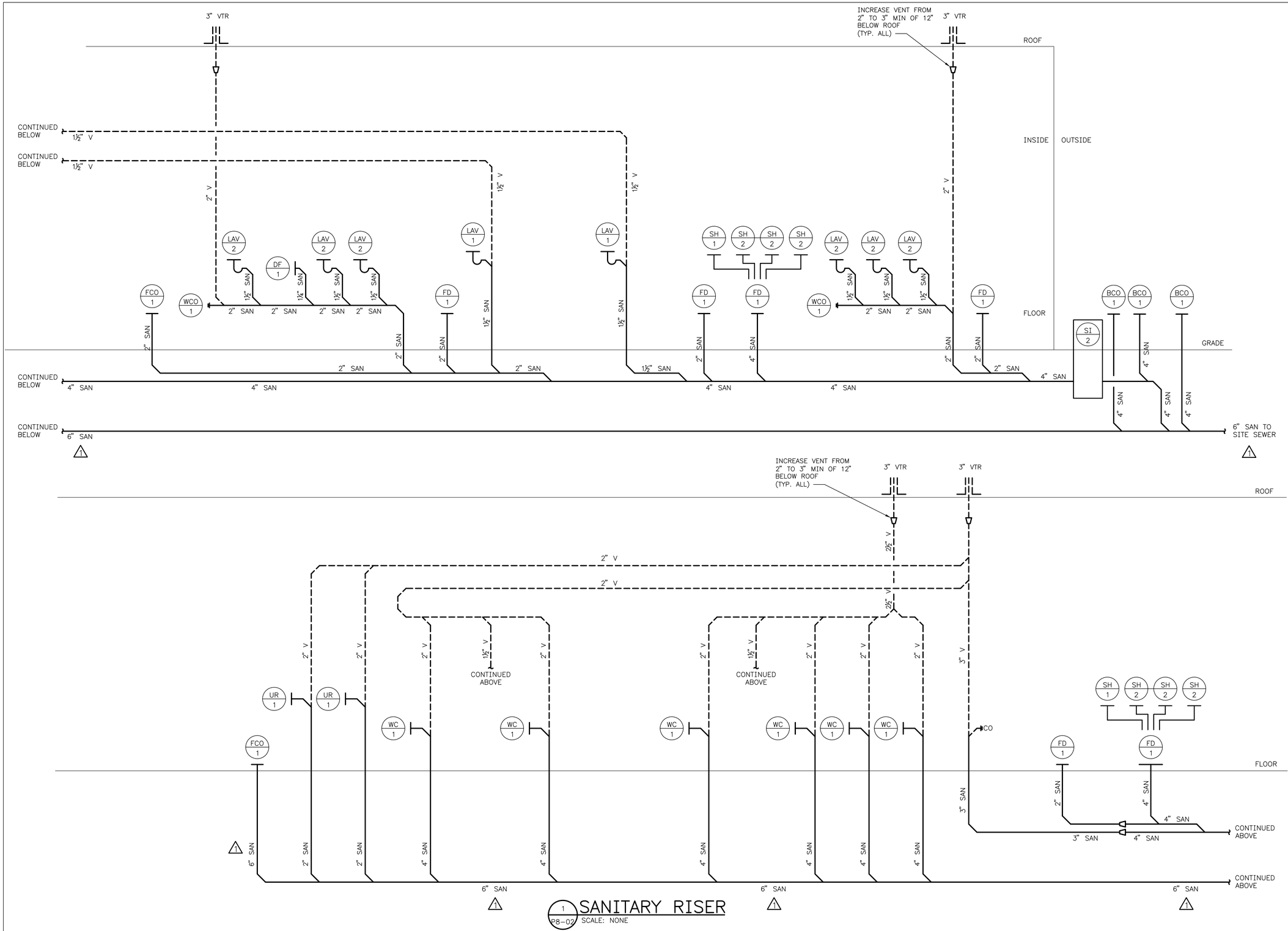
SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

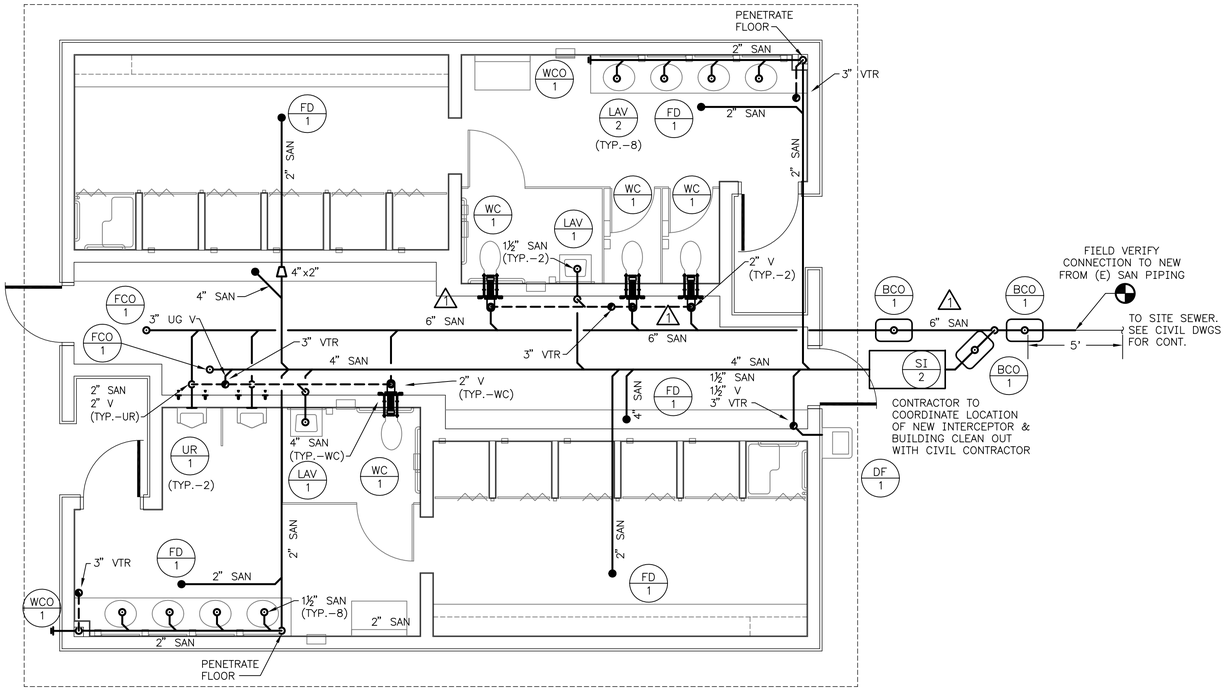
CONTRACT	T200507303	BRIDGE NO.	X
COUNTY	SUSSEX	DRAWN BY:	MLF
		CHECKED BY:	JRF

EXIST. SOUTHEAST BATH HOUSE
BUILDING 8
PLUMBING PLANS, DETAILS, & ELEVATIONS
P8-01

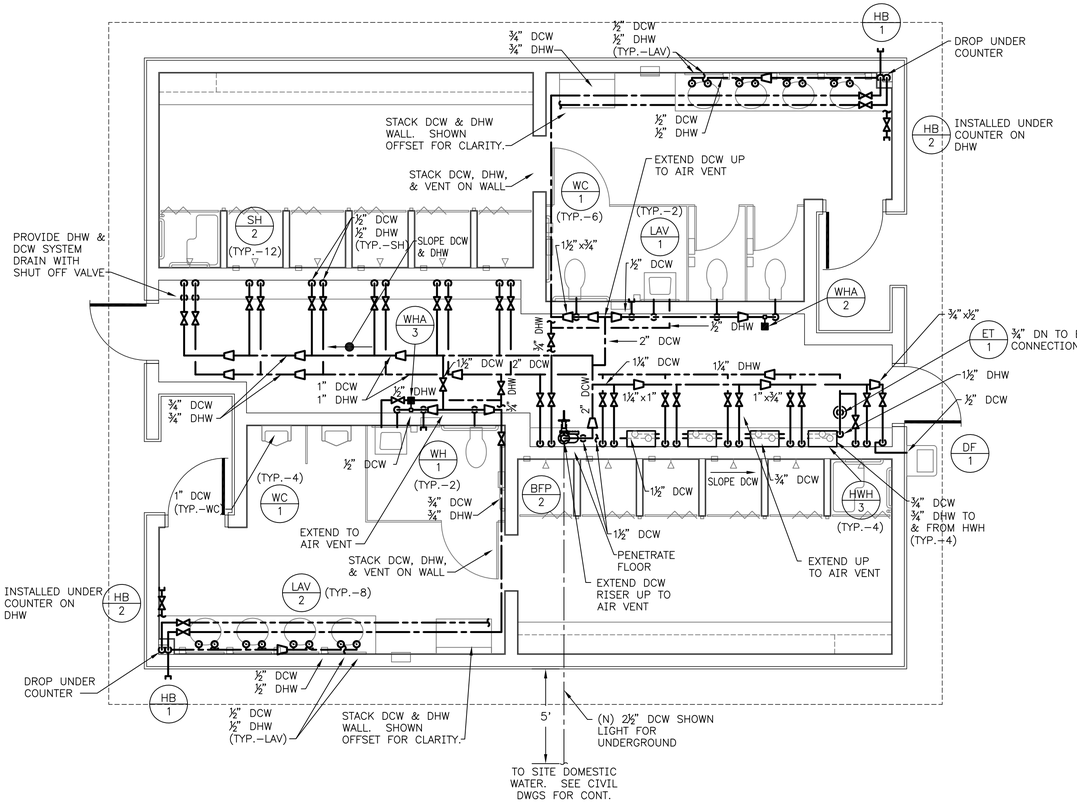
SHEET NO.	CD264
TOTAL SHTS.	CD282



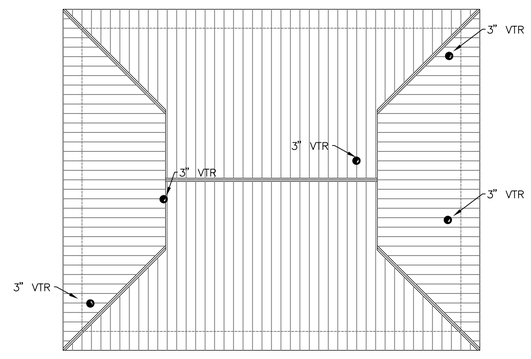
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS			SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT	BRIDGE NO.	X	EXIST. SOUTHEAST BATH HOUSE BUILDING 8 RISER DIAGRAMS (SHEET 1 OF 2) P8-02	SHEET NO.
	⚠1 INCREASED UNDERGROUND SANITARY MAIN TO 6"	MLF	5/17/13			T200507303	DRAWN BY:	MLF		CD265
						COUNTY				TOTAL SHTS.
						SUSSEX	CHECKED BY:	JRF		CD282



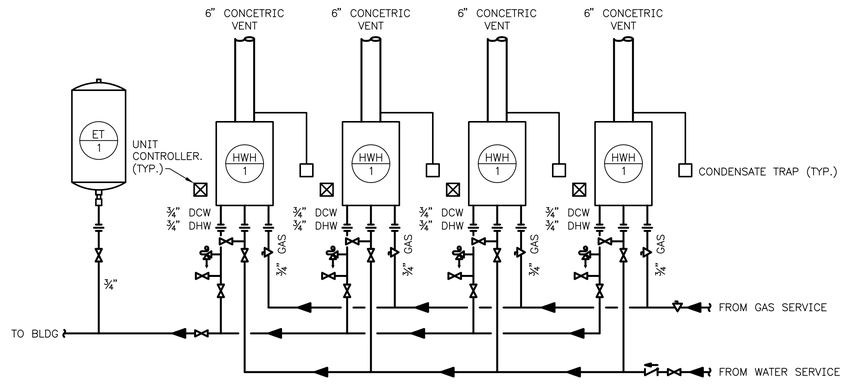
N 1 P9-01 SANITARY PLAN
SCALE: 1/4"=1'-0"



N 2 P9-01 DOMESTIC WATER PLAN
SCALE: 1/4"=1'-0"



N 3 P9-01 SANITARY ROOF PLAN
SCALE: 1/8"=1'-0"



4 P9-01 HOT WATER HEATER PIPING DIAGRAM
SCALE: NONE

NOTES:

1. REFER TO P0-01 FOR PLUMBING NOTES AND LEGEND
2. SLOPE ALL PIPING TOWARDS SYSTEM DRAIN.
3. CONTRACTOR TO PROVIDE SHUT OFF VALVE IN ALL FIXTURE BRANCHES. NOT SHOWN ON DRAWING FOR CLARITY.
4. CONTRACTOR TO MANIFOLD HWH'S TOGETHER FOR DCW AND DHW.
5. CONTRACTOR TO COORDINATE PROPANE TANK LOCATION WITH CIVIL CONTRACTOR.
6. SEE DETAIL 6/P0-04 FOR JANITORS ROOM DRY VENT DETAIL.
7. IN AREA'S WHERE WCO & WH-1 ARE TO BE STACKED, CONTRACTOR TO STACK PIPING WITH ADEQUATE CLEARANCE FOR COVER PLATES.
8. CONTRACTOR TO LOCATE EXISTING SANITARY PIPING FOR NEW PIPING TIE IN.

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

1	INCREASED UNDERGROUND SANITARY MAIN TO 6"	MLF	5/17/13

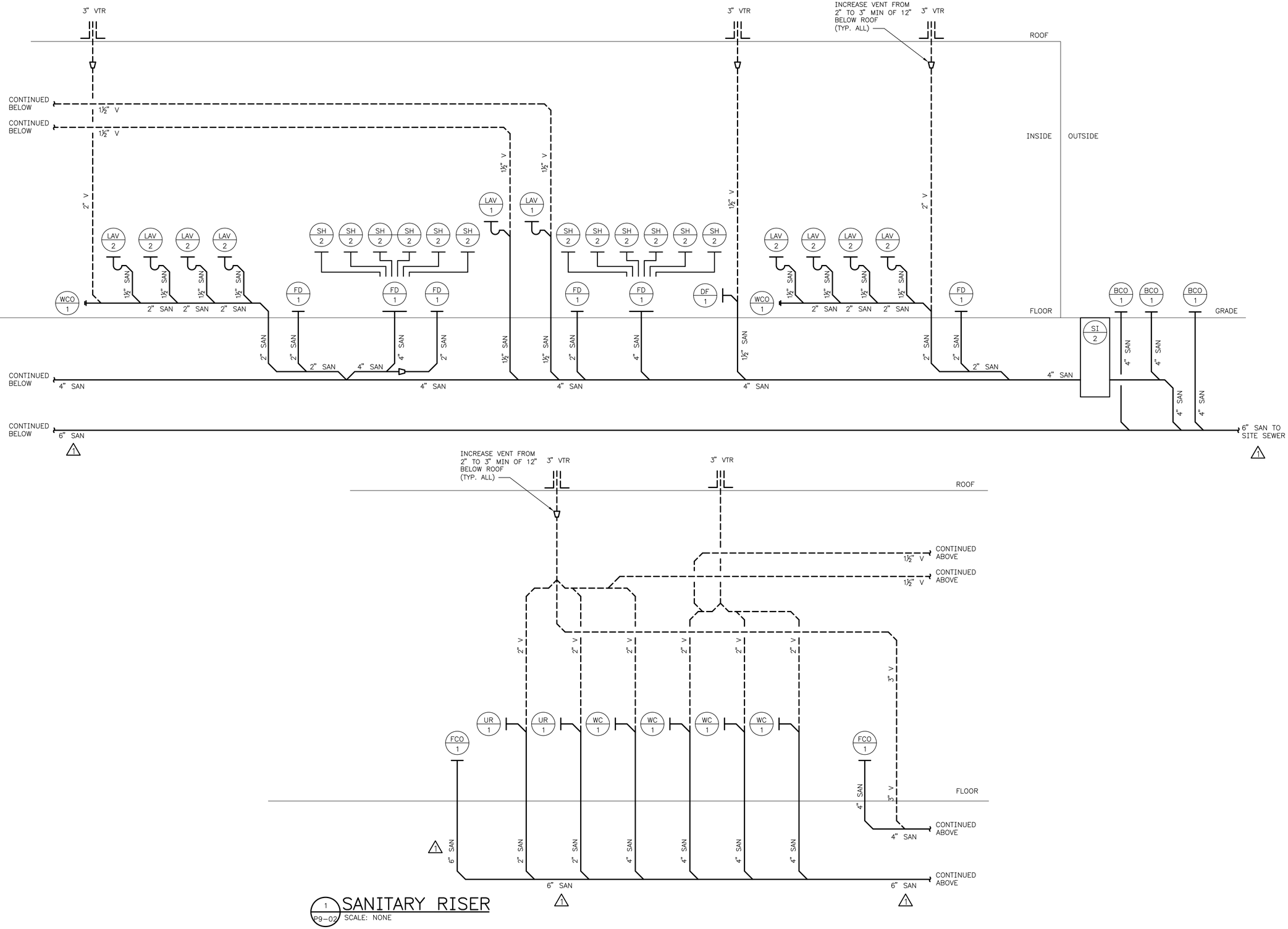
SCALE AS NOTED

INDIAN RIVER INLET
PARK ENHANCEMENTS

CONTRACT	T200507303
COUNTY	SUSSEX
BRIDGE NO.	X
DRAWN BY:	MLF
CHECKED BY:	JRF

EXIST. SOUTHWEST BATH HOUSE
BUILDING 9
PLUMBING PLANS & DIAGRAMS
P9-01

SHEET NO.	
CD278	
TOTAL SHTS.	
CD282	



1 P9-02 SANITARY RISER
SCALE: NONE

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS			SCALE AS NOTED	INDIAN RIVER INLET PARK ENHANCEMENTS	CONTRACT	BRIDGE NO. X	EXIST. SOUTHWEST BATH HOUSE BUILDING 9 RISER DIAGRAMS (SHEET 1 OF 2) P9-02	SHEET NO.
	1 INCREASED UNDERGROUND SANITARY MAIN TO 6"	MLF	5/17/13			T200507303	DRAWN BY: MLF		CD279
						COUNTY			TOTAL SHTS.
						SUSSEX	CHECKED BY: JRF		CD282