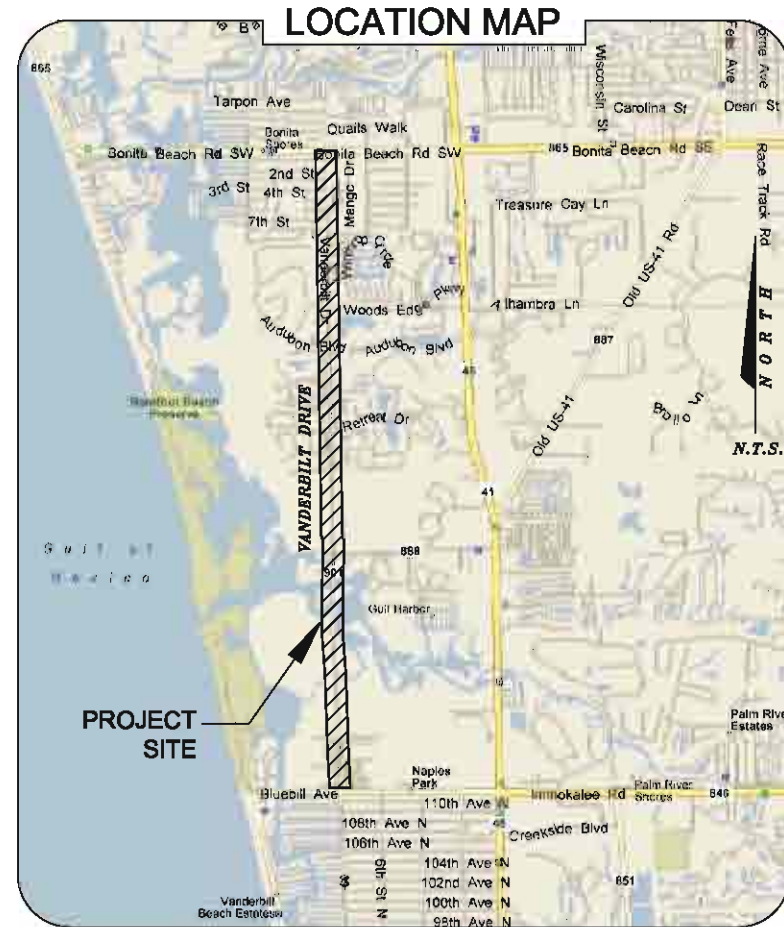
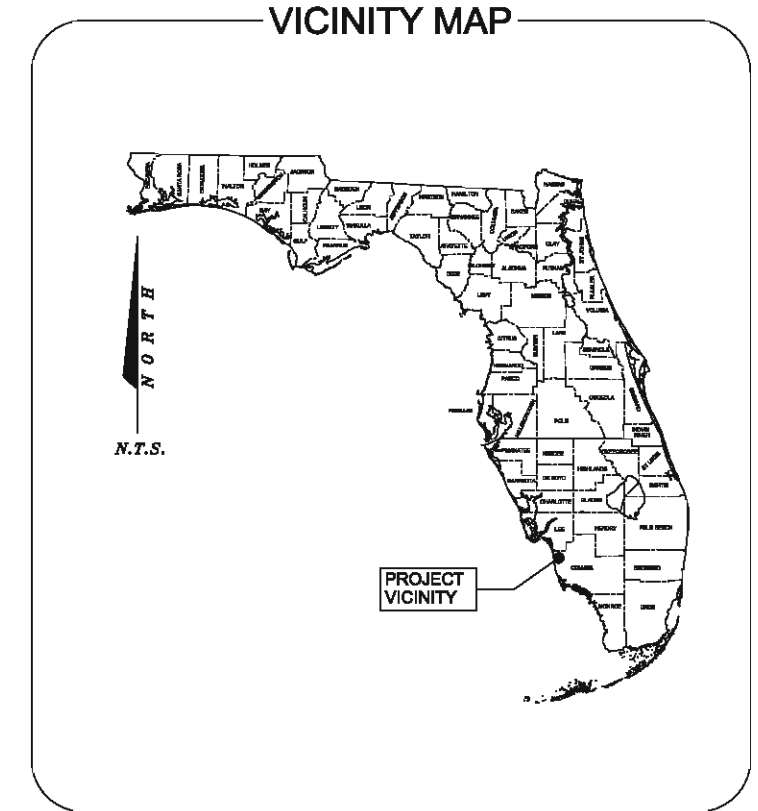


CONSTRUCTION PLANS: VANDERBILT DRIVE GREENWAY PROJECT

COLLIER COUNTY, FLORIDA SECTION 5, 8, 17, TOWNSHIP 48S, RANGE 25E



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PREPARED FOR:
 COLLIER COUNTY
 TRANSPORTATION PLANNING SECTION
 2885 S. HORSESHOE DRIVE
 NAPLES, FL 34104

 COLLIER COUNTY PROJECT MANAGER: ALISON BRADFORD, P.E.

PREPARED BY:

ATKINS

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 TAMPA, FLORIDA 33607
 FBPR CERT. OF AUTH. NO. 24

I, hereby certify that the design of this project, as prepared under my personal direction and control, complies with the applicable portions of the "Collier County Land Development Code" and the "Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways" as adopted by the Florida Department of Transportation pursuant to Subsections 335.075 (1) and (4), Florida Statutes.

Jarivette Vitez Cuadrado, P.E. 72935 Date

| DATE: | SHEETS | BY: |
|--|--------------|-------|
| | | |
| REVISIONS | | |
| VANDERBILT DRIVE GREENWAY PROJECT COLLIER COUNTY, FLORIDA | | |
| JOB NO.100010962 | SHT. 1 OF 56 | |
| DATE: 11/11/2011 | | C-000 |

PROJECT GENERAL NOTES

1. THE LOCATION OF EXISTING UTILITIES HAS BEEN PREPARED FROM THE MOST RELIABLE INFORMATION AVAILABLE TO THE OWNER'S REPRESENTATIVE. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES IN THE FIELD.
2. CONTRACTOR SHALL NOTIFY ALL AFFECTED UTILITY COMPANIES 48 HOURS (MINIMUM) PRIOR TO START OF CONSTRUCTION, AND SHALL HAVE ALL SERVICE LINES LOCATED AND FLAGGED PRIOR TO EXCAVATION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES TO SCHEDULE THE REQUIRED RELOCATIONS. THE LIST WHICH FOLLOWS IS NOT ALL INCLUSIVE:

| | |
|---|----------------------------|
| <u>UTILITY COMPANIES</u> | <u>EMERGENCY PHONE NO.</u> |
| COLLIER COUNTY WATER DISTRIBUTION (PAM LIBBY) | (239)775-2007 |
| COLLIER COUNTY WASTEWATER COLLECTION (STEVE NAGY) | (239)591-0186 |
| MEDIAONE | (239)732-3807 |
| FLORIDA POWER & LIGHT COMPANY | (239)353-6045 |
| CENTURY LINK | (239)263-6214 |
| SUNSHINE STATE ONE-CALL CENTER | 1-800-432-4770 |
| TECO PEOPLES GAS | 1-877-832-6747 |
| COMCAST CABLE (MARK COOK) | (239)415-4733 |
| TIME WARNER | (239)598-1104 |
4. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL UTILITY LINES AND SERVICES DAMAGED DURING CONSTRUCTION, INCLUDING IRRIGATION LINES AND SERVICES. THE APPROPRIATE UTILITY SHALL BE NOTIFIED OF ALL DAMAGED LINES PRIOR TO REPAIR. ALL NECESSARY REPAIRS SHALL BE COORDINATED WITH AFFECTED UTILITY PROVIDER AND COMPLETED AS QUICKLY AS POSSIBLE.
5. ALL UNITED TELEPHONE CABLES AND POLES THAT CONFLICT WITH THE PROPOSED IMPROVEMENT WILL BE RELOCATED BY CENTURY LINK.
6. FLORIDA, POWER & LIGHT WILL RELOCATE ALL FPL POWER POLES AND SERVICES WHICH CONFLICT WITH PROPOSED IMPROVEMENTS.
7. ALL EXISTING WATER MAINS AND EXISTING FORCE MAINS THAT CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE RELOCATED BY THE CONTRACTOR.
8. THE CONTRACTOR SHALL COMPLY WITH STANDARDS SET FORTH IN COLLIER COUNTY ORDINANCE 82-91 (CONSTRUCTION IN PUBLIC RIGHTS-OF-WAY) AND COLLIER COUNTY ORDINANCE 99-17 AS AMENDED (UTILITY ORDINANCE).
9. THE CONTRACTOR SHALL MINIMIZE THE WORK AREA AND WIDTH OF TRENCHES TO AVOID DISTURBANCE OF NATURAL VEGETATION WHEREVER POSSIBLE. SPOIL FROM TRENCHES SHALL BE PLACED ONLY ON PREVIOUSLY CLEANED AREAS OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE OR COUNTY. THE CONTRACTOR SHALL NOT REMOVE OR DISTURB ANY TREES OR SHRUBS WITHOUT PRIOR APPROVAL FROM THE OWNER.
10. THE CONTRACTOR IS REQUIRED TO OBTAIN WRITTEN APPROVAL FROM THE OWNER'S REPRESENTATIVE AND ENGINEER OF RECORD FOR DEVIATIONS FROM THE PLANS AND/OR SPECIFICATIONS.
11. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND NOTIFY THE OWNER'S REPRESENTATIVE AND ENGINEER OF RECORD IMMEDIATELY OF ANY REQUIRED PLAN DEVIATIONS.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRAFFIC DURING CONSTRUCTION. ALL MAINTENANCE OF TRAFFIC SHALL BE IN ACCORDANCE WITH THE MOST RECENT FDOT STANDARD INDEX 600 SERIES. MAINTENANCE OF TRAFFIC (MOT) PLANS INCLUDED IN THIS PLAN SET ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR PREPARING THEIR OWN MOT PLAN TO BE REVIEWED AND APPROVED BY COLLIER COUNTY PRIOR TO BEGINNING CONSTRUCTION. ANY DEVIATIONS FROM THE APPROVED PLAN SHALL BE SUBMITTED AND APPROVED BY THE COUNTY AND/OR OWNER'S REPRESENTATIVE. IN ADDITION, THE CONTRACTOR WILL BE RESPONSIBLE FOR NOTIFYING AND COORDINATING ANY PRIVATE PROPERTY OWNERS WHOSE ACCESS WILL BE EFFECTED BY CONSTRUCTION. FINALLY, THE CONTRACTOR WILL BE REQUIRED TO ENSURE ADEQUATE INGRESS AND EGRESS FOR ALL PROPERTY OWNERS AT ALL TIMES ALONG THE CORRIDOR.
13. CONTRACTOR SHALL MARK THE PROPERTY LINE LOCATION AND NOTIFY BUSINESS/HOME OWNERS TO REMOVE ANY EXISTING LANDSCAPING (I.E. SOD, BUSHES, TREES, ETC.) AND/OR SPRINKLER PIPES OR SPRINKLER HEADS AND FENCING THAT IS LOCATED WITHIN THE EXISTING RIGHT-OF-WAY OR EASEMENT AT LEAST 1 WEEK PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
14. ALL DRIVEWAYS, LANDSCAPING, SIGNS, ETC. SHALL BE REMOVED, RELOCATED, OR RESTORED TO A CONDITION EQUIVALENT TO PRE-CONSTRUCTION CONDITION UNLESS OTHERWISE APPROVED BY THE OWNER'S REPRESENTATIVE.
15. WHERE PROPOSED PIPES CROSS EXISTING PAVEMENT, THE PAVEMENT IS TO BE OPEN CUT UNLESS OTHERWISE NOTED. ALL PAVEMENT CUTS, INCLUDING DRIVEWAY CUTS, SHALL BE PROMPTLY RESTORED PER SPECIFICATIONS TO AVOID UNNECESSARY TRAFFIC DELAYS. TRAFFIC CIRCULATION MUST BE MAINTAINED DURING ALL OPEN CUTS. DETOURS WILL BE ALLOWED IF APPROVED BY COLLIER COUNTY TRANSPORTATION.

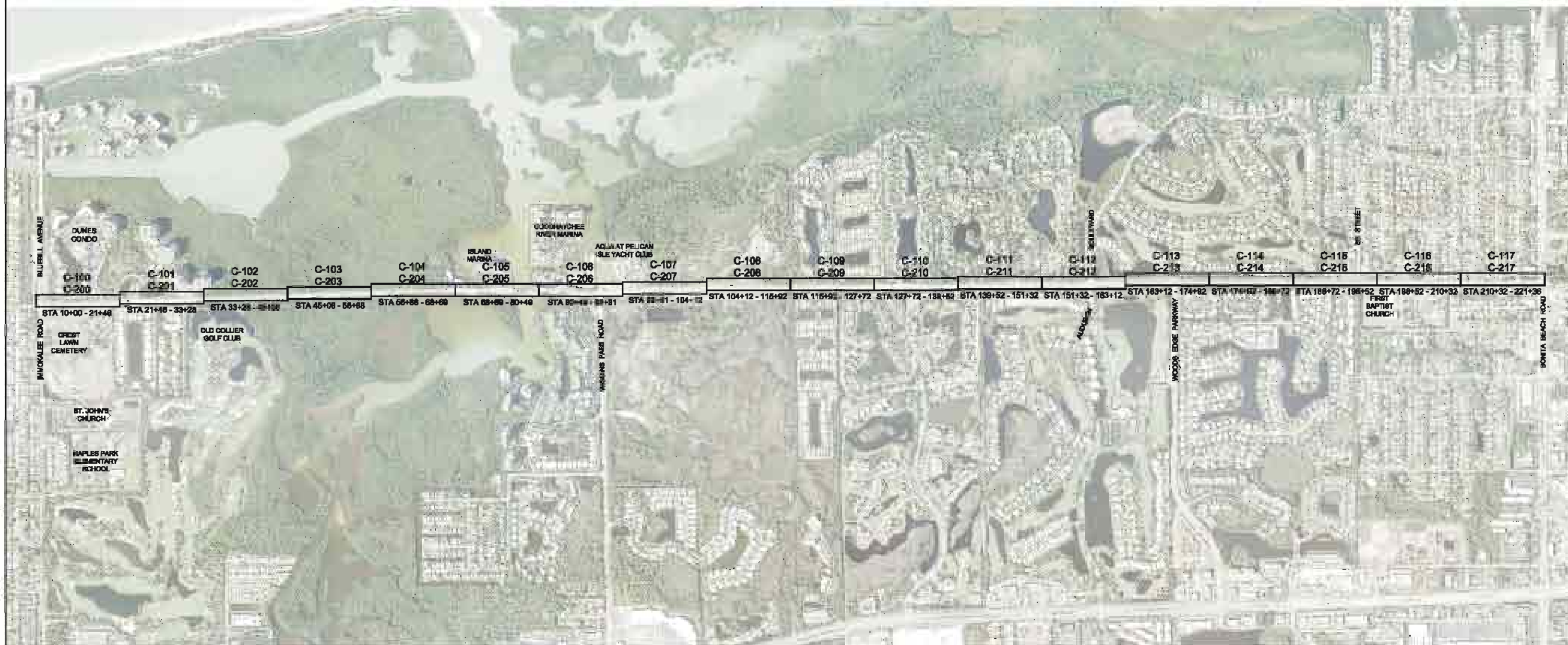
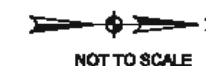
16. EXTREME CAUTION SHALL BE EXERCISED IN AREAS OF BURIED UTILITIES AND CONTACT FLORIDA SUNSHINE STATE ONE CALL CENTER OF FLORIDA, INC. AT 1-800-432-4770. A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
17. CONTRACTOR SHALL NOTIFY RESIDENTS AT LEAST 48 HOURS IN ADVANCE OF ANY DISRUPTION IN SERVICE, INCLUDING DRIVEWAY CUTS.
18. THE CONTRACTOR SHALL PROVIDE 48 HOUR WRITTEN NOTICE TO THE OWNER'S REPRESENTATIVE AND COUNTY PRIOR TO THE FOLLOWING ACTIVITIES:
 - a. COMMENCEMENT OF CONSTRUCTION
 - b. CHANGES TO APPROVED SCHEDULES
 - c. TRENCH AND BACKFILL COMPACTION AND DENSITY TESTING
 - d. FINAL INSPECTION
19. ALL COUNTY UTILITY CONSTRUCTION SHALL BE IN ACCORDANCE WITH COLLIER COUNTY UTILITY DEPARTMENT SPECIFICATIONS. SPECIAL ATTENTION IS DIRECTED TO SECTION 1 PART 1.5, CONNECTION TO COLLIER COUNTY FACILITIES AND SECTION 2, DIVISION 1, SECTION 01045-CONNECTION TO EXISTING SYSTEMS.
20. ELEVATIONS ARE NATIONAL GEODETIC VERTICAL DATUM (NGVD) 1929.
21. THE BENCH MARK STATION AND OFFSETS ARE REFERENCED FROM THE BASELINE OF SURVEY. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION/COST FOR RELOCATION OF ANY CONCRETE MONUMENTS AND/OR SURVEY MARKERS ASSOCIATED WITH THIS PROJECT.
22. ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED BY THE CONTRACTOR. ALL CORNER MONUMENTS SHALL BE PROPERLY REINFORCED. ANY PUBLIC LAND CORNERS THAT HAVE BEEN DAMAGED OR DESTROYED SHALL BE REPLACED BY A REGISTERED SURVEYOR & MAPPER AT THE CONTRACTORS EXPENSE.
23. THE CONTRACTOR SHALL VERIFY WITH THE OWNER'S REPRESENTATIVE STATUS OF PROPOSED EASEMENTS OR RIGHT-OF-WAY BEFORE START OF CONSTRUCTION.
24. DIMENSIONS ARE IN FEET AND DECIMALS UNLESS OTHERWISE NOTED.
25. AERIALS WERE OBTAINED FROM THE COLLIER COUNTY APPRAISER'S OFFICE AND WERE FLOWN BETWEEN DECEMBER 2004 & MARCH 2005.
26. PAVEMENT STATIONS AND OFFSETS ARE REFERENCED FROM BASELINE OF CONSTRUCTION.
27. EXISTING MANHOLE FRAMES, COVERS AND VALVE BOXES WITHIN THE LIMITS OF CONSTRUCTION SHALL BE ADJUSTED TO PROPOSED GRADE BY THE CONTRACTOR UNLESS OTHERWISE SHOWN ON THE PLAN.
28. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BECOME FAMILIAR WITH THE PERMIT AND INSPECTION REQUIREMENTS OF THE VARIOUS GOVERNMENTAL AGENCIES. THE CONTRACTOR SHALL OBTAIN NECESSARY CONSTRUCTION PERMITS PRIOR TO CONSTRUCTION, AND SCHEDULE INSPECTIONS ACCORDING TO AGENCY INSTRUCTION.
29. ALL WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE PLANS AND GENERAL NOTES CONTAINED HEREIN, SPECIFICATIONS AND/OR OTHERWISE REQUIRED BY APPLICABLE FEDERAL, STATE, AND LOCAL CODES, ORDINANCES, AND REGULATIONS. IN THE EVENT OF A CONFLICT BETWEEN THE REQUIREMENTS, THE MOST STRINGENT SHALL APPLY AS DETERMINED BY THE OWNER'S REPRESENTATIVE.
30. ALL WORK SHALL BE DONE IN ACCORDANCE WITH FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION, AS AMENDED BY COLLIER COUNTY STANDARD SPECIFICATIONS.
31. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FURNISH SUITABLE BORROW MATERIAL FOR THE PROJECT AND DISPOSE OF ANY UNSUITABLE OR WASTE MATERIAL OFFSITE. UNSUITABLE MATERIALS INCLUDE BUT ARE NOT LIMITED TO: ORGANICS, PEAT, MUCK, HARDPAN, ETC. THIS EFFORT SHALL BE PERFORMED IN COMPLIANCE WITH FDOT INDEX NO. 500.
32. COLLIER COUNTY MAY HAVE OTHER CONTRACTS UNDER CONSTRUCTION DURING THE LIFE OF THIS CONTRACT. THE CONTRACTOR'S ATTENTION IS CALLED TO SUB-SECTION 8-4.4 OF THE COLLIER COUNTY STANDARD SPECIFICATIONS "COORDINATION WITH OTHER CONTRACTORS". THE OWNER'S REPRESENTATIVE SHALL COORDINATE THE INTERFACE AND COOPERATION BETWEEN THE CONTRACTORS.
33. THE CONTRACTOR SHALL ENSURE THAT POSITIVE AND ADEQUATE DRAINAGE IS MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS. THIS MAY INCLUDE, BUT NOT BE LIMITED TO, REPLACEMENT OR RECONSTRUCTION OF EXISTING DRAINAGE STRUCTURES THAT HAVE BEEN DAMAGED OR REMOVED, OR REGRADING AS REQUIRED BY THE OWNER'S REPRESENTATIVE, EXCEPT FOR THOSE DRAINAGE ITEMS SHOWN AT SPECIFIC LOCATIONS IN THE PLANS AND HAVING SPECIFIC PAY ITEMS IN THE CONTRACT DOCUMENTS. NO SEPARATE PAYMENT WILL BE MADE FOR ANY COST INCURRED TO COMPLY WITH THIS REQUIREMENT.
34. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO OR CONCURRENT WITH LAND DISTURBANCE ACTIVITIES AND SHALL BE MAINTAINED AT ALL TIMES. ADDITIONAL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED IF DEEMED NECESSARY BY ON SITE INSPECTION OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE. IN ADDITION, THE CONTRACTOR IS RESPONSIBLE FOR FILING ANY/ALL PAPERWORK INCLUDING AN NOI WITH FDEP AND SFWMD.

35. ALL OFFSET DISTANCES TO DRAINAGE STRUCTURES SHOWN ON THE PLANS ARE TO THE CENTER OF THE STRUCTURE BOTTOM. ALL PIPE LENGTHS SHOWN ON THE PLANS ARE INSIDE WALL TO INSIDE WALL OF THE UPSTREAM AND DOWNSTREAM STRUCTURES, ROUNDED UP TO THE NEAREST FOOT. ALL CATCH BASINS AND MANHOLES SHALL HAVE THE APPROPRIATE FDOT TRAFFIC RATED FRAME AND GRATE.
36. WHERE CURB INLETS, MANHOLE TOPS, VALVE BOXES ETC. FALL WITHIN A SIDEWALK OR TRAIL PATH, THE RIM SHALL BE CONSTRUCTED FLUSH WITH SIDEWALK OR TRAIL GRADE. A LIP OR EDGE CREATING A TRIP HAZARD WILL NOT BE ACCEPTED.
37. SHOULD DEWATERING BE NECESSARY, THE CONTRACTOR IS RESPONSIBLE TO COMPLY WITH THE F.D.E.P. GENERIC PERMIT FOR THE DISCHARGE OF PRODUCED GROUNDWATER FROM ANY NON-CONTAMINATED SITE ACTIVITY (62-821.300(2)).
38. ALL SPECIFICATIONS AND DOCUMENTS REFERRED TO SHALL BE OF THE LATEST REVISIONS AND/OR LATEST EDITION.
39. ALL DISTURBED AREAS WITHIN PUBLIC RIGHT-OF-WAY ARE TO BE RESTORED TO ORIGINAL CONDITION OR BETTER. SEEDING AND SODDING IS TO BE PER FDOT SPECIFICATIONS AND UTILIZING AN APPROVED BAHIA GRASS MIX OR AS SPECIFIED IN THE PLANS.
40. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING HARDCOPY AS-BUILT DRAWINGS SIGNED AND SEALED BY A FLORIDA LICENSED SURVEYOR, AS REQUIRED BY COLLIER COUNTY. AS-BUILT DRAWINGS IN AUTOCAD FORMAT AND ADOBE READER ARE ALSO REQUIRED.
41. CONSTRUCTION EQUIPMENT IS TO BE PLACED ON CONSTRUCTION SITE ONLY. NO STREET IS TO BE UTILIZED DURING CONSTRUCTION FOR THE PURPOSE OF STORING MATERIAL OR EQUIPMENT (UNLESS OTHERWISE PERMITTED BY THE COUNTY).
42. CONTRACTOR SHALL CLEAR AND GRUB ONLY THOSE PORTIONS OF THE SITE NECESSARY FOR CONSTRUCTION. DISTURBED AREAS WILL BE SEEDED, MULCHED, OR PLANTED WITH APPROVED LANDSCAPE MATERIAL IMMEDIATELY FOLLOWING CONSTRUCTION.
43. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND WILL PROVIDE BRACING, SHEETING OR SHORING AS NECESSARY. TRENCHES SHALL BE KEPT DRY WHILE PIPE AND APPURTENANCES ARE BEING PLACED.
44. IF WIND EROSION BECOMES SIGNIFICANT DURING CONSTRUCTION AS DETERMINED BY THE OWNER'S REPRESENTATIVE, THE CONTRACTOR SHALL STABILIZE THE AFFECTED AREA USING SPRINKLING, IRRIGATION, OR OTHER ACCEPTABLE METHODS.
45. ALL DRAINAGE STRUCTURE GRATES AND COVERS WITHIN TRAFFIC AREAS SHALL CONFORM TO ASTM A48 CLASS 35.
46. PROTECTION OF EXISTING STORM SEWER SYSTEMS: DURING CONSTRUCTION, ALL STORM SEWER INLETS IN THE VICINITY OF THE PROJECT SHALL BE PROTECTED BY SEDIMENT TRAPS SUCH AS SECURED SYNTHETIC HAY BALES, SOD, STONE, OR OTHER SUITABLE MATERIALS, WHICH SHALL BE MAINTAINED AND MODIFIED AS REQUIRED BY CONSTRUCTION PROGRESS.
47. CONTRACTOR IS RESPONSIBLE FOR INSURING THAT SUFFICIENT CARE IS TAKEN DURING CONSTRUCTION SO THAT SEDIMENTS OR DEBRIS DO NOT LEAVE THE CONSTRUCTION SITE OR ENTER ENVIRONMENTALLY SENSITIVE AREAS.
48. TEMPORARY AND/OR PERMANENT CONSTRUCTION EASEMENT WILL BE REQUIRED FOR ANY WORK PROPOSED OUTSIDE THE RIGHT OF WAY.

User Name: 22180
Drawing Name: \\saps01\COMMON\100010962_Vanderbilt Drive Pathway\Shawn\JC-001 - GENERAL NOTES.dwg
Date: 11/11/2011 11:04am

| | | | | | | |
|--|----------------|-------------------------|---------------|-------------------------|---------|---|
| 101 Arthur Andersen Parkway, Suite 260 Sarasota, Florida 34232 Ph. (941) 378-0272 Fax. (941) 371-7297 www.atkinsglobal.com/northamerica <small>Atkins, North America (Principal Address) 4030 W. Boy Scout Boulevard Suite 700, Tampa, FL 33607 FBPR Certificate of Authorization No.: 24</small> | CLIENT | PROJECT | TASK | ORIGINAL DATE: 11/17/09 | 6 _____ | JOB NO. 100010962 DATE 11/11/2011 DESIGNED JVC PE JVC CHECKED MRR QC RU / NLW SHEET C-001 |
| | COLLIER COUNTY | VANDERBILT DRIVE | GENERAL NOTES | REVISIONS: | 7 _____ | |
| | | GREENWAY PROJECT | | 1 _____ | 8 _____ | |
| | | COLLIER COUNTY, FLORIDA | | 2 _____ | 9 _____ | |
| | | | 3 _____ | 10 _____ | | |
| | | | 4 _____ | 11 _____ | | |
| | | | 5 _____ | 12 _____ | | |

Jarivette Vélaz Cuadrado, PE
FL# 72935



Job No: 2100
 Drawing Name: Vanderbilt Drive Greenway Project - Key Map with Aerial
 Date: 11/11/2011 11:04 AM

| | | | | | | |
|---|----------------|--------------------------------------|---------------------|-------------------------|---------|--|
| <p>101 Arthur Andersen Parkway, Suite 250 Sarasota, Florida 34232 Ph. (941) 379-0272 Fax. (941) 371-7287 www.atkinsglobal.com/northamerica</p> <p><small>Atkins, North America (Principal Address) 4500 W. Boy Scout Boulevard Suite 700, Tampa, FL 33607 FPR Certificate of Authorization No.: 24</small></p> | CLIENT | PROJECT | TASK | ORIGINAL DATE: 11/17/09 | 6 _____ | JOB NO. 100010962 DATE 11/11/2011 DESIGNED JVC PE JVC CHECKED MRR QC RLJ/NLW SHEET C-002 |
| | COLLIER COUNTY | VANDERBILT DRIVE GREENWAY PROJECT | KEY MAP WITH AERIAL | REVISIONS: | 7 _____ | |
| | | COLLIER COUNTY, FLORIDA | | 1. _____ | 8 _____ | |
| | | | | 2. _____ | 9 _____ | |
| | | | 3. _____ | 10 _____ | | |
| | | | 4. _____ | 11 _____ | | |
| | | | 5. _____ | 12 _____ | | |

Jarvelia Vázquez Cuadrado, PE
FL# 72495

STRUCTURE SUMMARY TABLE

| STRUCTURE ID | STA / OFFSET * | STRUCTURE TYPE | NORTH | | | | SOUTH | | | | EAST | | | | WEST | | | |
|--------------|----------------------|--------------------------------------|----------|----------------|----------------|--------|----------|----------------|----------------|--------|----------|----------------|----------------|--------|----------------|---------------|----------------|--------|
| | | | PIPE ID | SIZE | LENGTH & SLOPE | INVERT | PIPE ID | SIZE | LENGTH & SLOPE | INVERT | PIPE ID | SIZE | LENGTH & SLOPE | INVERT | PIPE ID | SIZE | LENGTH & SLOPE | INVERT |
| S-01 | 12+98.33 / 13.77' L | M.E.S. | P-01 | 12" x 18" ERCP | 110 LF @ 0.45% | 8.50' | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| S-02 | 14+09.99 / 12.04' L | M.E.S. | -- | -- | -- | -- | P-01 | 12" x 18" ERCP | 110 LF @ 0.45% | 8.00' | -- | -- | -- | -- | -- | -- | -- | |
| S-03 | 22+48.71 / 13.05' L | M.E.S. | P-02 | 14" x 23" ERCP | 101 LF @ 0.23% | 6.30' | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| S-04 | 23+50.03 / 23.77' L | 4"Ø TYPE 'P' MANHOLE | P-03 | 14" x 23" ERCP | 250 LF @ 0.22% | 6.06' | P-02 | 14" x 23" ERCP | 101 LF @ 0.23% | 6.06' | -- | -- | -- | -- | -- | -- | -- | |
| S-05 | 26+00.50 / 15.02' L | M.E.S. | -- | -- | -- | -- | P-03 | 14" x 23" ERCP | 250 LF @ 0.22% | 5.50' | -- | -- | -- | -- | -- | -- | -- | |
| S-06 | 33+29.73 / 12.74' L | M.E.S. | P-04 | 19" x 30" ERCP | 50 LF @ 1.00% | 2.50' | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| S-07 | 33+78.43 / 26.78' L | M.E.S. | -- | -- | -- | -- | P-04 | 19" x 30" ERCP | 50 LF @ 1.00% | 2.00' | -- | -- | -- | -- | -- | -- | -- | |
| S-08 | 95+24.82 / 10.18' L | DOGHOUSE MH RIM = 5.50' | EXISTING | 19" x 30" ERCP | 54 LF @ 0.49% | 2.39' | EXISTING | 19" x 30" ERCP | UNKNOWN | 2.34' | -- | -- | -- | -- | -- | -- | -- | |
| S-09 | 93+87.06 / 9.21' L | M.E.S. | P-05 | 19" x 30" ERCP | 145 LF @ 0.00% | 5.50' | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| S-10 | 95+11.47 / 14.83' L | M.E.S. | -- | -- | -- | -- | P-05 | 19" x 30" ERCP | 145 LF @ 0.00% | 4.50' | -- | -- | -- | -- | -- | -- | -- | |
| S-11 | 100+72.94 / 16.54' L | M.E.S. | P-06 | 19" x 30" ERCP | 120 LF @ 0.00% | 5.50' | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| S-12 | 101+92.54 / 34.61' L | M.E.S. | -- | -- | -- | -- | P-06 | 19" x 30" ERCP | 120 LF @ 0.00% | 5.50' | -- | -- | -- | -- | -- | -- | -- | |
| S-13 | 127+30.93 / 26.15' L | M.E.S. | P-07 | 14" x 23" ERCP | 89 LF @ 0.00% | 7.00' | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| S-14 | 128+19.83 / 18.48' L | 4"Ø TYPE 'P' MH RIM = 9.90' | P-08 | 14" x 23" ERCP | 44 LF @ 0.00% | 7.00' | P-07 | 14" x 23" ERCP | 89 LF @ 0.00% | 7.00' | -- | -- | -- | -- | -- | -- | -- | |
| S-15 | 128+82.45 / 28.87' L | M.E.S. | -- | -- | -- | -- | P-08 | 14" x 23" ERCP | 44 LF @ 0.00% | 7.00' | -- | -- | -- | -- | -- | -- | -- | |
| S-16 | 132+41.53 / 18.99' L | EXISTING INLET | P-09 | 24" RCP | 385 LF @ 0.08% | 4.27' | EXISTING | 24" RCP | 195 LF @ 0.89% | 4.27' | EXISTING | 48" RCP | 59 LF @ 0.20% | 4.27' | -- | -- | -- | |
| S-17 | 136+28.46 / 13.95' L | FDOT TYPE 'D' INLET GRATE EL = 7.10' | -- | -- | -- | -- | P-09 | 24" RCP | 385 LF @ 0.08% | 4.58' | -- | -- | -- | -- | -- | -- | -- | |
| S-18 | 137+16.13 / 16.13' L | M.E.S. | P-10 | 19" x 30" ERCP | 50 LF @ 0.18% | 7.15' | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| S-19 | 137+84.97 / 27.08' L | M.E.S. | -- | -- | -- | -- | P-10 | 19" x 30" ERCP | 50 LF @ 0.18% | 7.25' | -- | -- | -- | -- | -- | -- | -- | |
| S-20 | 139+46.73 / 27.45' L | M.E.S. | P-11 | 19" x 30" ERCP | 59 LF @ 0.00% | 7.00' | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| S-21 | 140+22.74 / 26.01' L | M.E.S. | -- | -- | -- | -- | P-11 | 19" x 30" ERCP | 59 LF @ 0.00% | 7.00' | -- | -- | -- | -- | -- | -- | -- | |
| S-22 | 145+15.29 / 26.50' L | M.E.S. | P-12 | 19" x 30" ERCP | 72 LF @ 0.00% | 7.00' | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| S-23 | 145+86.10 / 26.98' L | M.E.S. | -- | -- | -- | -- | P-12 | 19" x 30" ERCP | 72 LF @ 0.00% | 7.00' | -- | -- | -- | -- | -- | -- | -- | |
| S-24 | 146+52.17 / 27.93' L | M.E.S. | P-13 | 19" x 30" ERCP | 83 LF @ 0.14% | 7.00' | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| S-25 | 147+37.61 / 34.71' L | FDOT TYPE 'D' INLET GRATE EL = 9.40' | P-14 | 24" x 38" ERCP | 263 LF @ 0.08% | 6.88' | P-13 | 19" x 30" ERCP | 83 LF @ 0.14% | 6.88' | -- | -- | -- | -- | -- | -- | -- | |
| S-26 | 150+02.58 / 14.61' L | M.E.S. | -- | -- | -- | -- | P-14 | 24" x 38" ERCP | 263 LF @ 0.08% | 6.67' | -- | -- | -- | -- | -- | -- | -- | |
| S-27 | 157+09.94 / 12.42' L | M.E.S. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | P-15 | 24" x 38" ERCP | 27 LF @ 0.00% | 7.50' | |
| S-28 | 157+10.58 / 39.71' L | M.E.S. | -- | -- | -- | -- | -- | -- | -- | -- | P-15 | 24" x 38" ERCP | 27 LF @ 0.00% | 7.50' | -- | -- | -- | |
| S-29 | 171+19.78 / 36.33' L | M.E.S. | -- | -- | -- | -- | P-16 | 14" x 23" ERCP | 15 LF @ 0.177% | 8.85' | -- | -- | -- | -- | -- | -- | -- | |
| S-30 | 175+51.91 / 25.78' L | M.E.S. | P-17 | 19" x 30" ERCP | 38 LF @ 0.00% | 7.50' | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| S-31 | 175+89.92 / 32.37' L | M.E.S. | -- | -- | -- | -- | P-17 | 19" x 30" ERCP | 38 LF @ 0.00% | 7.50' | -- | -- | -- | -- | -- | -- | -- | |
| S-32 | 179+50.31 / 36.62' L | M.E.S. | P-18 | 19" x 30" ERCP | 38 LF @ 0.00% | 7.50' | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| S-33 | 179+88.77 / 26.91' L | M.E.S. | -- | -- | -- | -- | P-18 | 19" x 30" ERCP | 38 LF @ 0.00% | 7.50' | -- | -- | -- | -- | -- | -- | -- | |
| S-34 | 182+86.65 / 28.45' L | M.E.S. | P-19 | 19" x 30" ERCP | 38 LF @ 0.00% | 7.50' | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| S-35 | 183+04.87 / 33.66' L | M.E.S. | -- | -- | -- | -- | P-19 | 19" x 30" ERCP | 38 LF @ 0.00% | 7.50' | -- | -- | -- | -- | -- | -- | -- | |
| S-36 | 186+79.16 / 37.71' L | M.E.S. | P-20 | 19" x 30" ERCP | 38 LF @ 0.00% | 8.00' | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| S-37 | 187+16.34 / 29.35' L | M.E.S. | -- | -- | -- | -- | P-20 | 19" x 30" ERCP | 38 LF @ 0.00% | 8.00' | -- | -- | -- | -- | -- | -- | -- | |
| S-38 | 191+59.38 / 19.97' L | M.E.S. | P-21 | 14" x 23" ERCP | 34 LF @ 0.00% | 8.00' | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| S-39 | 191+91.49 / 31.28' L | M.E.S. | -- | -- | -- | -- | P-21 | 14" x 23" ERCP | 34 LF @ 0.00% | 8.00' | -- | -- | -- | -- | -- | -- | -- | |
| S-40 | 192+23.11 / 26.32' L | M.E.S. | P-22 | 18" RCP | 40 LF @ 0.25% | 8.00' | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |

* STATION / OFFSET FOR ALL DRAINAGE STRUCTURES AND MES ARE FROM CENTER LINE OF THE STRUCTURE.

User Name: 22180
 Drawing Name: \\saps01\COMMON\100010962_Vanderbilt Drive_Rainway\Drawings\00010962_STRUCTURE SUMMARY TABLE.dwg
 Nov 11, 2011 - 11:11am



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CLIENT
COLLIER COUNTY

PROJECT
**VANDERBILT DRIVE
 GREENWAY PROJECT
 COLLIER COUNTY, FLORIDA**

TASK
STRUCTURE SUMMARY TABLE

ORIGINAL DATE: 11/17/09
 REVISIONS:
 1 _____
 2 _____
 3 _____
 4 _____
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 7 _____
 8 _____
 9 _____
 10 _____
 11 _____
 12 _____

JOB NO. 100010962
 DATE 11/11/2011
 DESIGNED JVC
 PE JVC
 CHECKED MRR
 QC RU / NLW
 Jarivette Vélaz Cuadrado, PE
 FL# 72935
SHEET C-004

STRUCTURE SUMMARY TABLE

| STRUCTURE ID | STA / OFFSET * | STRUCTURE TYPE | NORTH | | | | SOUTH | | | | EAST | | | | WEST | | | |
|--------------|----------------------|--|----------|----------------|----------------|--------|---------|----------------|----------------|--------|---------|------|----------------|--------|----------------|----------------|----------------|--------|
| | | | PIPE ID | SIZE | LENGTH & SLOPE | INVERT | PIPE ID | SIZE | LENGTH & SLOPE | INVERT | PIPE ID | SIZE | LENGTH & SLOPE | INVERT | PIPE ID | SIZE | LENGTH & SLOPE | INVERT |
| S-41 | 192+84.88 / 27.05' L | M.E.S. | -- | -- | -- | -- | P-22 | 18" RCP | 40 LF @ 0.25% | 7.90' | -- | -- | -- | -- | -- | -- | -- | |
| S-42 | 192+98.07 / 29.53' L | M.E.S. | P-23 | 14" x 23" ERCP | 35 LF @ 0.00% | 8.00' | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| S-43 | 193+31.61 / 22.40' L | M.E.S. | -- | -- | -- | -- | P-23 | 14" x 23" ERCP | 35 LF @ 0.00% | 8.00' | -- | -- | -- | -- | -- | -- | -- | |
| S-44 | 194+74.33 / 23.42' L | M.E.S. | P-24 | 14" x 23" ERCP | 32 LF @ 1.35% | 8.00' | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| S-45 | 195+09.76 / 33.20' L | M.E.S. | -- | -- | -- | -- | P-24 | 14" x 23" ERCP | 32LF @ 1.35% | 8.50' | -- | -- | -- | -- | -- | -- | -- | |
| S-46 | 196+46.22 / 27.25' L | M.E.S. | P-25 | 18" RCP | 32 LF @ 0.00% | 9.40' | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| S-47 | 196+75.21 / 13.93' L | M.E.S. | -- | -- | -- | -- | P-25 | 18" RCP | 32 LF @ 0.00% | 9.40' | -- | -- | -- | -- | -- | -- | -- | |
| S-48 | 197+46.72 / 14.13' L | M.E.S. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | P-26 | 12" x 19" ERCP | 15 LF @ 0.083% | 10.80' | |
| S-49 | 199+89.14 / 25.73' L | M.E.S. | P-27 | 18" RCP | 32 LF @ 0.00% | 9.70' | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| S-50 | 200+16.59 / 9.85' L | M.E.S. | -- | -- | -- | -- | P-27 | 18" RCP | 32 LF @ 0.00% | 9.70' | -- | -- | -- | -- | -- | -- | -- | |
| S-51 | 201+59.45 / 10.33' L | M.E.S. | P-28 | 18" RCP | 34 LF @ 0.00% | 9.70' | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| S-52 | 201+91.92 / 20.15' L | M.E.S. | -- | -- | -- | -- | P-28 | 18" RCP | 34 LF @ 0.00% | 9.70' | -- | -- | -- | -- | -- | -- | -- | |
| S-53 | 203+01.92 / 23.86' L | M.E.S. | P-29 | 18" RCP | 36 LF @ 0.00% | 9.70' | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| S-54 | 203+35.11 / 11.08' L | M.E.S. | -- | -- | -- | -- | P-29 | 18" RCP | 36 LF @ 0.00% | 9.70' | -- | -- | -- | -- | -- | -- | -- | |
| S-55 | 204+75.50 / 11.20' L | M.E.S. | P-30 | 14" x 23" ERCP | 38 LF @ 0.13% | 9.00' | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| S-56 | 205+11.95 / 21.40' L | M.E.S. | -- | -- | -- | -- | P-30 | 14" x 23" ERCP | 38 LF @ 0.13% | 8.50' | -- | -- | -- | -- | -- | -- | -- | |
| S-57 | 206+25.88 / 24.88' L | M.E.S. | P-31 | 14" x 23" ERCP | 36 LF @ 0.00% | 9.50' | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| S-58 | 206+59.89 / 12.91' L | M.E.S. | -- | -- | -- | -- | P-31 | 14" x 23" ERCP | 36 LF @ 0.00% | 9.50' | -- | -- | -- | -- | -- | -- | -- | |
| S-59 | 207+94.08 / 12.91' L | M.E.S. | P-32 | 14" x 23" ERCP | 35 LF @ 0.00% | 9.50' | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| S-60 | 208+26.57 / 28.49' L | M.E.S. | -- | -- | -- | -- | P-32 | 14" x 23" ERCP | 358 LF @ 0.00% | 9.50' | -- | -- | -- | -- | -- | -- | -- | |
| S-61 | 208+80.12 / 26.26' L | M.E.S. | P-33 | 24" RCP | 47 LF @ 0.00% | 8.50' | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| S-62 | 209+07.24 / 26.26' L | M.E.S. | -- | -- | -- | -- | P-33 | 24" RCP | 47 LF @ 0.00% | 8.50' | -- | -- | -- | -- | -- | -- | -- | |
| S-63 | 209+44.14 / 26.89' L | M.E.S. | P-34 | 18" RCP | 34 LF @ 0.00% | 8.50' | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| S-64 | 209+75.70 / 14.70' L | M.E.S. | -- | -- | -- | -- | P-34 | 18" RCP | 34 LF @ 0.00% | 8.50' | -- | -- | -- | -- | -- | -- | -- | |
| S-65 | 211+21.86 / 15.27' L | M.E.S. | P-35 | 18" RCP | 34 LF @ 0.00% | 8.50' | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| S-66 | 211+54.33 / 25.08' L | M.E.S. | -- | -- | -- | -- | P-35 | 18" RCP | 34 LF @ 0.00% | 8.50' | -- | -- | -- | -- | -- | -- | -- | |
| S-67 | 211+77.62 / 29.03' L | M.E.S. | P-36 | 19" x 30" ERCP | 45 LF @ 0.00% | 8.50' | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| S-68 | 212+23.16 / 28.97' L | M.E.S. | -- | -- | -- | -- | P-36 | 19" x 30" ERCP | 45 LF @ 0.00% | 8.50' | -- | -- | -- | -- | -- | -- | -- | |
| S-69 | 212+49.34 / 27.00' L | M.E.S. | P-37 | 18" RCP | 35 LF @ 0.00% | 8.50' | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| S-70 | 212+82.20 / 15.02' L | M.E.S. | -- | -- | -- | -- | P-37 | 18" RCP | 35 LF @ 0.00% | 8.50' | -- | -- | -- | -- | -- | -- | -- | |
| S-71 | 214+38.60 / 16.29' L | M.E.S. | P-38 | 18" RCP | 41 LF @ 0.00% | 8.50' | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| S-72 | 214+78.63 / 26.39' L | M.E.S. | -- | -- | -- | -- | P-38 | 18" RCP | 41 LF @ 0.00% | 8.50' | -- | -- | -- | -- | -- | -- | -- | |
| S-73 | 215+02.57 / 26.63' L | M.E.S. | P-39 | 18" RCP | 43 LF @ 0.93% | 8.50' | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| S-74 | 215+47.25 / 19.76' L | EXISTING INLET | EXISTING | 18" RCP | 336 LF @ 1.16% | 7.90' | P-39 | 18" RCP | 43 LF @ 0.93% | 7.90' | -- | -- | -- | -- | -- | -- | -- | |
| S-75 | 215+96.55 / 17.85' L | DOGHOUSE MH RIM EL = 11.90 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | P-40 | 15" RCP | 30 LF @ 0.17% | 7.60' | |
| S-76 | 216+28.33 / 23.63' L | FDOT TYPE 'D' INLET GRATE = 10.50' | -- | -- | -- | -- | P-40 | 15" RCP | 30 LF @ 0.17% | 7.65' | -- | -- | -- | -- | -- | -- | -- | |

* STATION / OFFSET FOR ALL DRAINAGE STRUCTURES AND MES ARE FROM CENTER LINE OF THE STRUCTURE.



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PROJECT
**VANDERBILT DRIVE
GREENWAY PROJECT
COLLIER COUNTY, FLORIDA**

TASK
STRUCTURE SUMMARY TABLE

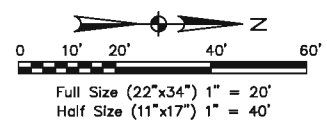
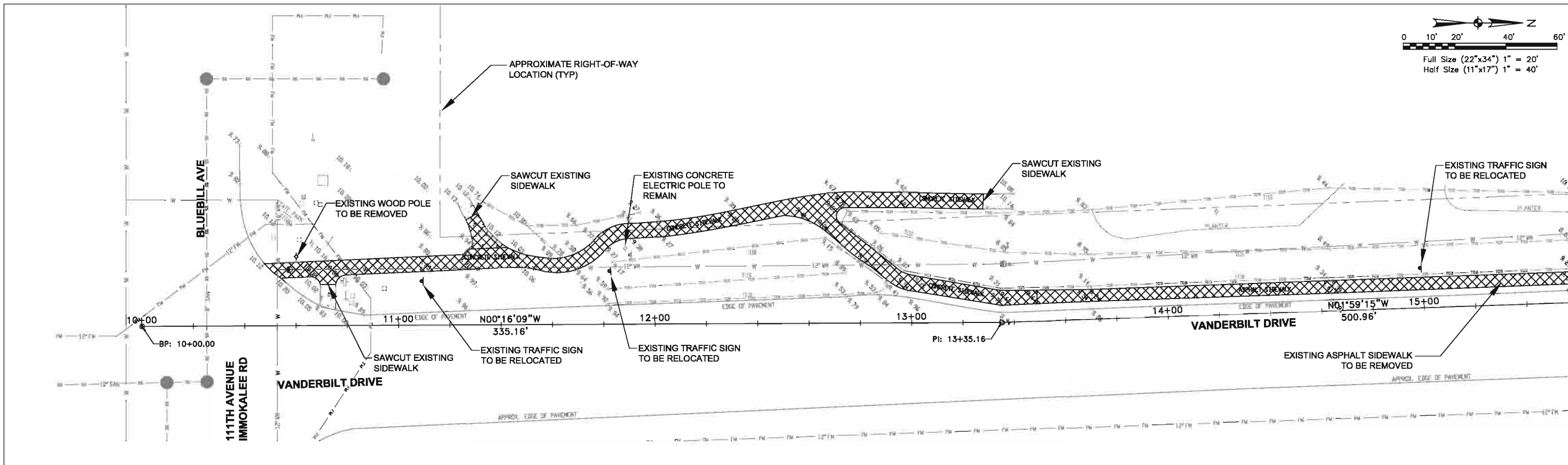
ORIGINAL DATE: 11/17/09
REVISIONS:
1 _____
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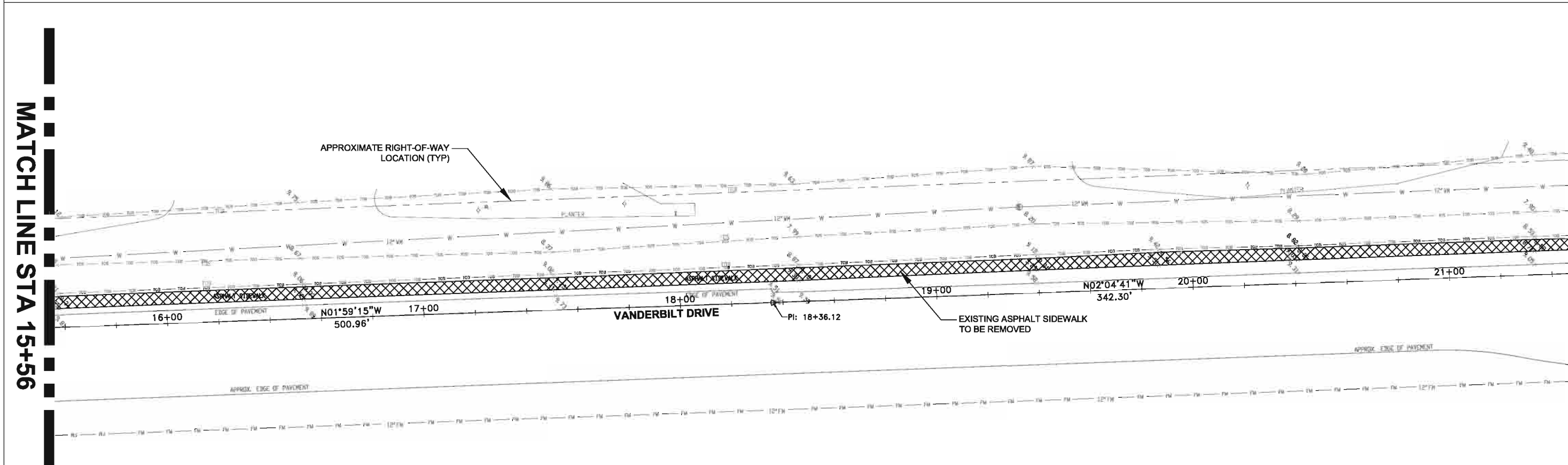
Jarivette Vélaz Cuadrado, PE
FL# 72935

JOB NO. 100010962
DATE 11/11/2011
DESIGNED JVC
PE JVC
CHECKED MRR
QC RU / NLW
SHEET C-005

User Name: 22180
 Drawing Name: \\saps01\com\atkins\100010962_Vanderbilt Drive Pathway\Shwa's\10 - EXISTING CONDITIONS, DEMOLITION AND REMOVAL PLAN.dwg
 Nov 10, 2011 - 2:35pm



MATCH LINE STA 15+56

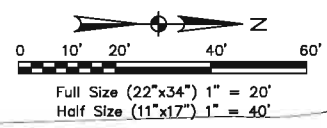


MATCH LINE STA 15+56

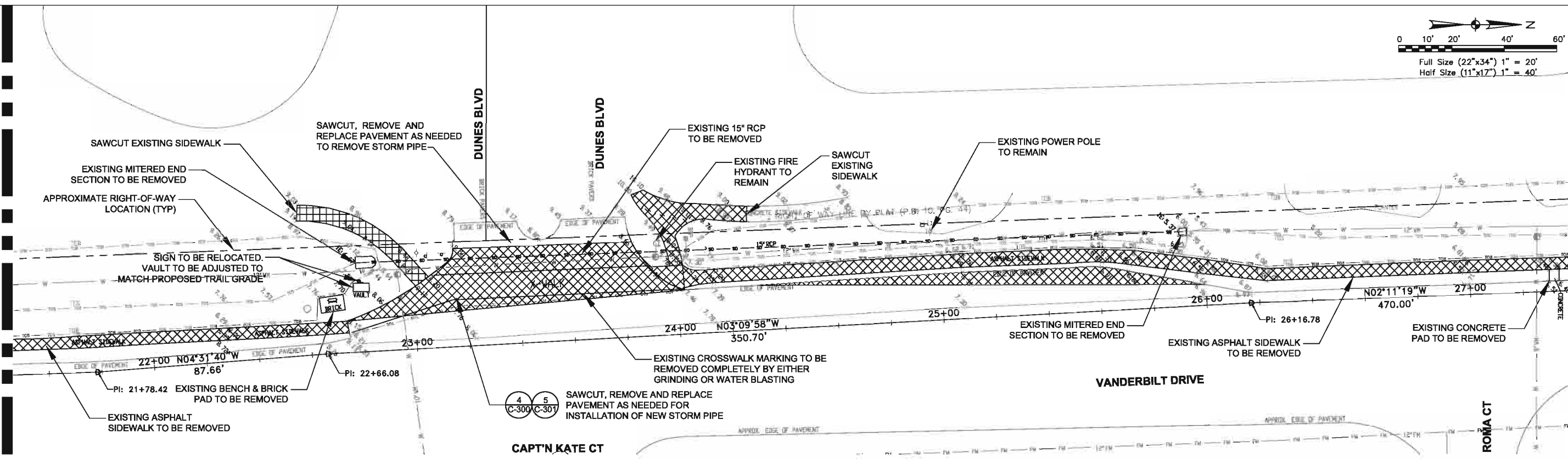
MATCH LINE STA 21+46

| | | | | | | | |
|---|----------------|--------------------------------------|---|-------------------------|---------|---|---|
| <h1 style="margin: 0;">ATKINS</h1> <p style="font-size: small; margin: 0;"> 101 Arthur Andersen Parkway, Suite 260 Sarasota, Florida 34232 Ph. (941) 378-0272 Fax. (941) 371-7297 www.atkinsglobal.com/northamerica </p> <p style="font-size: x-small; margin: 0;"> Atkins, North America (Principal Address) 4030 W. Boy Scout Boulevard Suite 700, Tampa, FL 33607 FBPR Certificate of Authorization No.: 24 </p> | CLIENT | PROJECT | TASK | ORIGINAL DATE: 11/17/09 | 6 _____ | <p style="font-size: x-small; margin: 0;"> Jarivette Vélaz Cuadrado, PE FL# 72935 </p> | <p style="font-size: x-small; margin: 0;"> JOB NO. 100010962 DATE 11/11/2011 DESIGNED JVC PE JVC CHECKED MRR QC RU / NLW SHEET C-100 </p> |
| | COLLIER COUNTY | VANDERBILT DRIVE GREENWAY PROJECT | EXISTING CONDITIONS, DEMOLITION AND REMOVAL PLAN | REVISIONS: | 7 _____ | | |
| | | COLLIER COUNTY, FLORIDA | | 1 _____ | 8 _____ | | |
| | | | | 2 _____ | 9 _____ | | |
| | | | 3 _____ | 10 _____ | | | |
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MATCH LINE STA 21+46

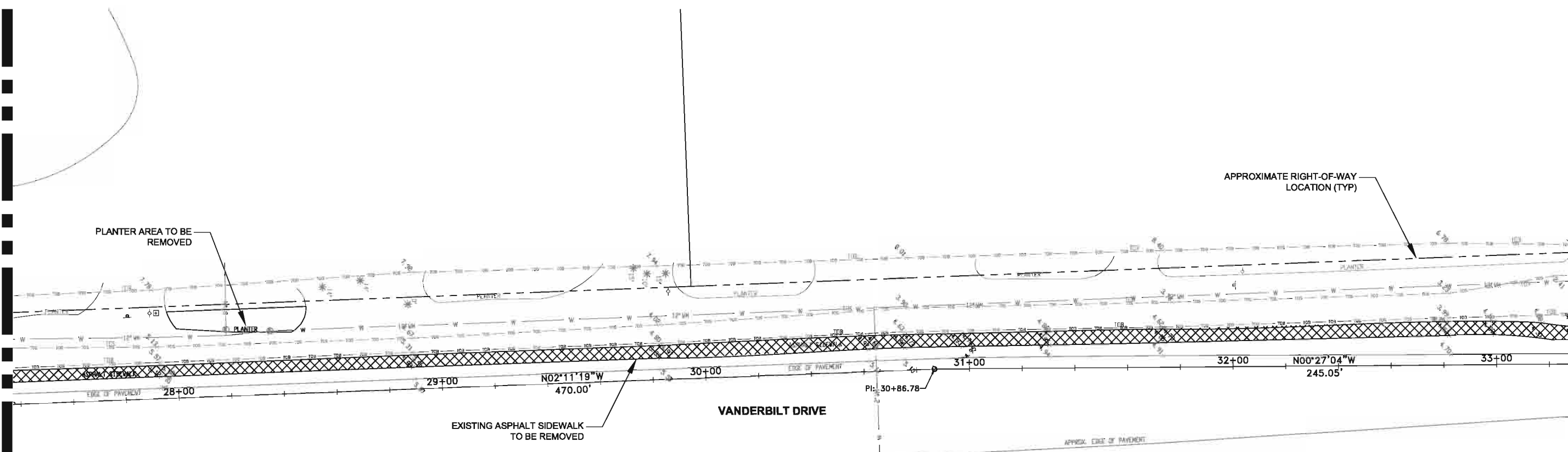


MATCH LINE STA 27+36



MATCH LINE STA 27+36

MATCH LINE STA 33+28



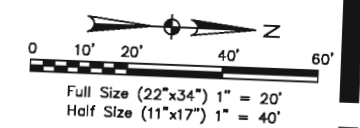
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Nov 11, 2011 - 11:50am



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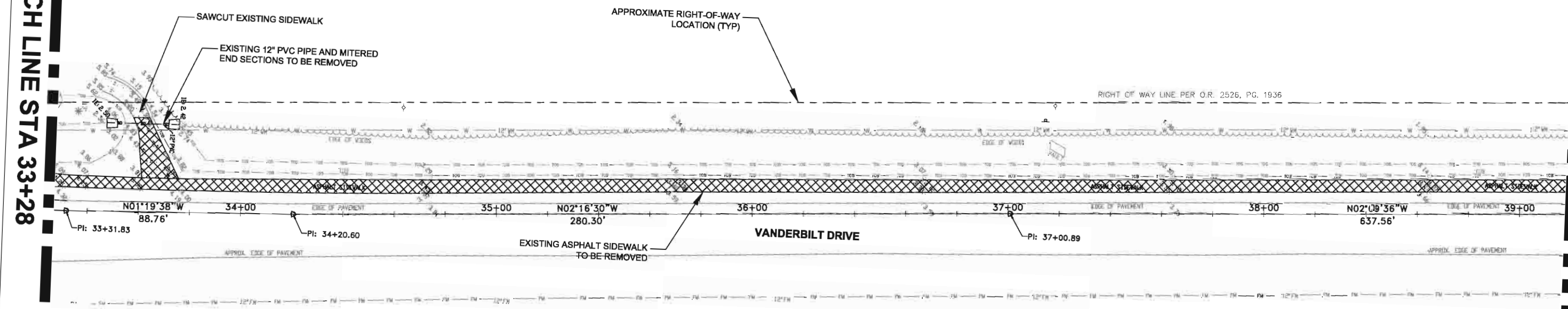
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|---------------------------------|---|--|---|--|---|
| CLIENT COLLIER COUNTY | PROJECT VANDERBILT DRIVE GREENWAY PROJECT COLLIER COUNTY, FLORIDA | TASK EXISTING CONDITIONS, DEMOLITION AND REMOVAL PLAN | ORIGINAL DATE: 11/17/09 | 6 _____ | JOB NO. 100010962 DATE 11/11/2011 DESIGNED JVC PE JVC CHECKED MRR QC RU / NLW SHEET C-101 |
| | | | REVISIONS: | 7 _____ | |
| | | | 1 _____ 2 _____ 3 _____ 4 _____ 5 _____ | 8 _____ 9 _____ 10 _____ 11 _____ 12 _____ | |
| | | | Jarivette Vélaz Cuadrado, PE FL# 72935 | | |



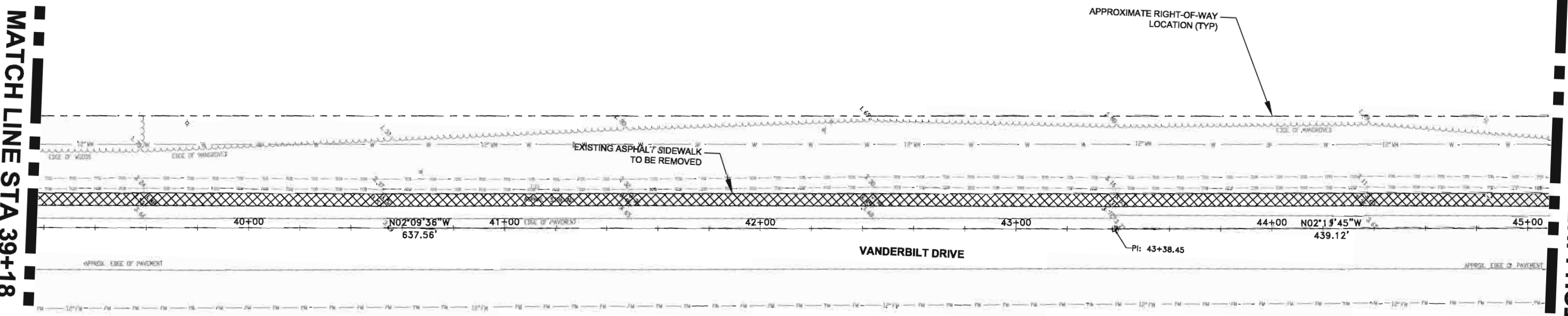
MATCH LINE STA 33+28

MATCH LINE STA 39+18



MATCH LINE STA 39+18

MATCH LINE STA 45+08



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| CLIENT | PROJECT | TASK |
| COLLIER COUNTY | VANDERBILT DRIVE GREENWAY PROJECT COLLIER COUNTY, FLORIDA | EXISTING CONDITIONS, DEMOLITION AND REMOVAL PLAN |

| | |
|-------------------------|----|
| ORIGINAL DATE: 11/17/09 | 6 |
| REVISIONS: | 7 |
| 1 | 8 |
| 2 | 9 |
| 3 | 10 |
| 4 | 11 |
| 5 | 12 |

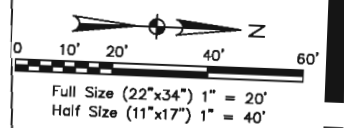
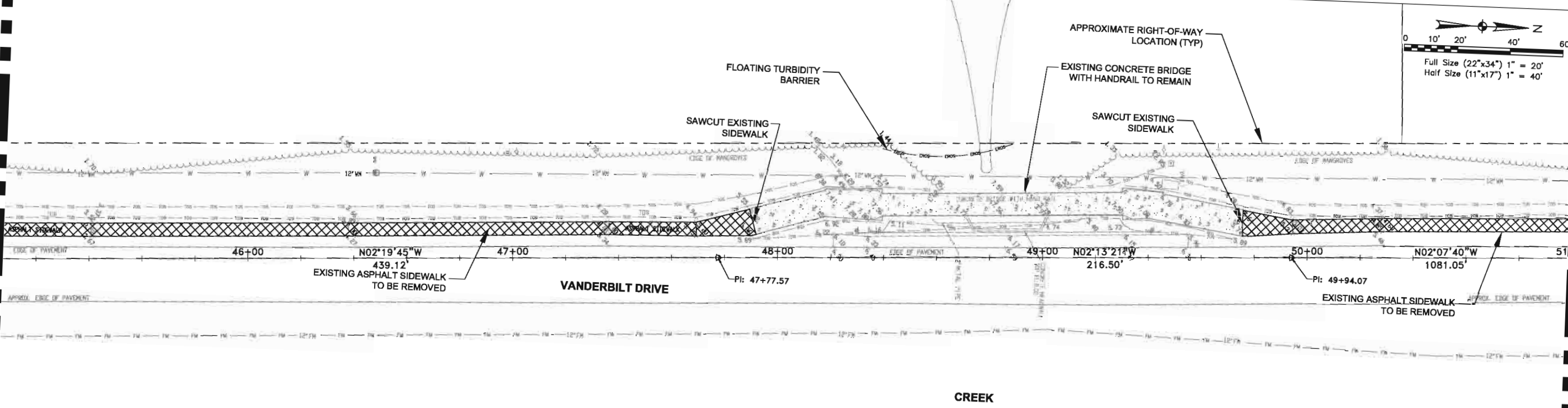
Jarivette Vélez Cuadrado, PE
FL# 72935

JOB NO. 100010962
DATE 11/11/2011
DESIGNED JVC
PE JVC
CHECKED MRR
QC RU / NLW
SHEET C-102

User Name: 21196
Drawing Name: \\saps31\COMMON\100010962\Workset\Draw\Plan\Demolition and Removal Plan.dwg
Nov 11, 2011 - 11:14am

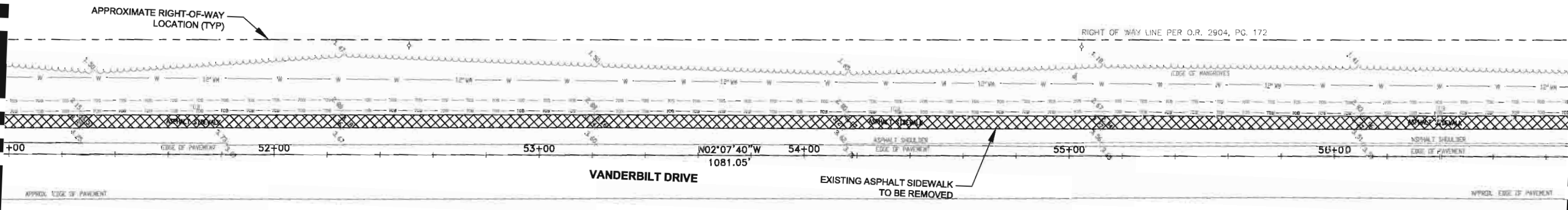
MATCH LINE STA 45+08

MATCH LINE STA 50+98



MATCH LINE STA 50+98

MATCH LINE STA 56+88



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| | | |
|----------------|---|---|
| CLIENT | PROJECT | TASK |
| COLLIER COUNTY | VANDERBILT DRIVE GREENWAY PROJECT COLLIER COUNTY, FLORIDA | EXISTING CONDITIONS, DEMOLITION AND REMOVAL PLAN |

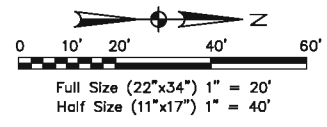
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| ORIGINAL DATE: 11/17/09 | 6 |
| REVISIONS: | 7 |
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| 2 | 9 |
| 3 | 10 |
| 4 | 11 |
| 5 | 12 |

Jarivette Vález Cuadrado, PE
FL# 72935

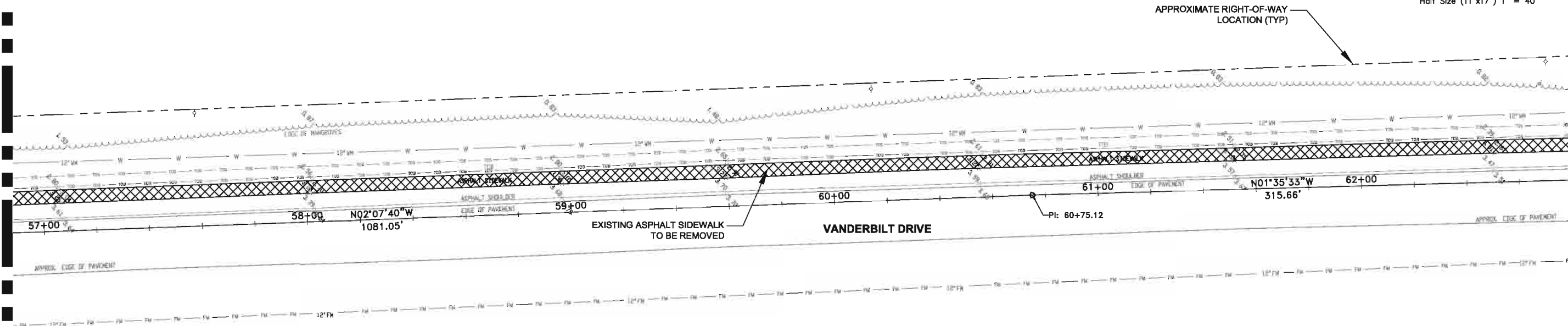
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DATE 11/11/2011
DESIGNED JVC
PE JVC
CHECKED MRR
QC RU / NLW
SHEET C-103

User Name: 2116
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 Nov 11, 2011 - 11:14am

MATCH LINE STA 56+88

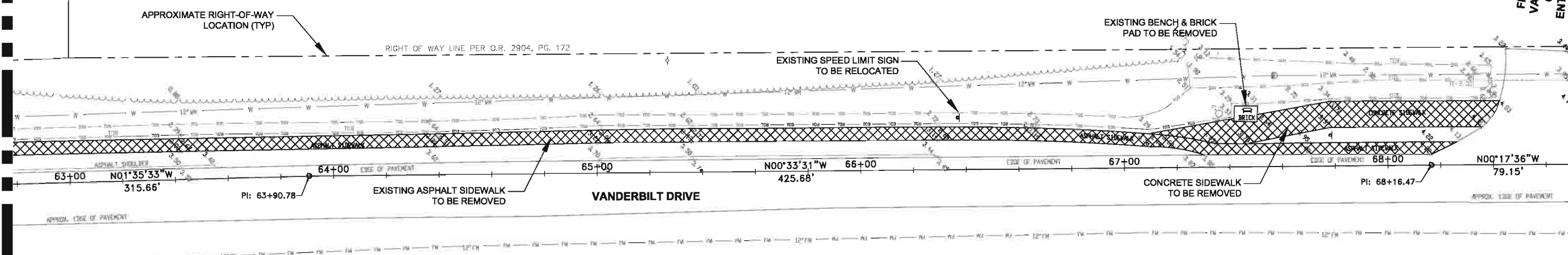


MATCH LINE STA 62+79



MATCH LINE STA 62+79

MATCH LINE STA 68+69



FLORIDA VACATION CLUB ENTRANCE

User Name: 22180
 Drawing Name: \\saps01\com\proj\100010962_Vanderbilt_Drive_Roadway\Drawings\104 - EXISTING CONDITIONS, DEMOLITION AND REMOVAL PLAN.dwg
 Nov 11, 2011 - 11:58am

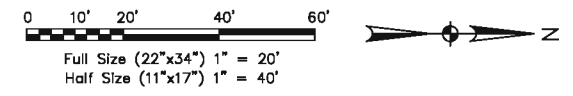


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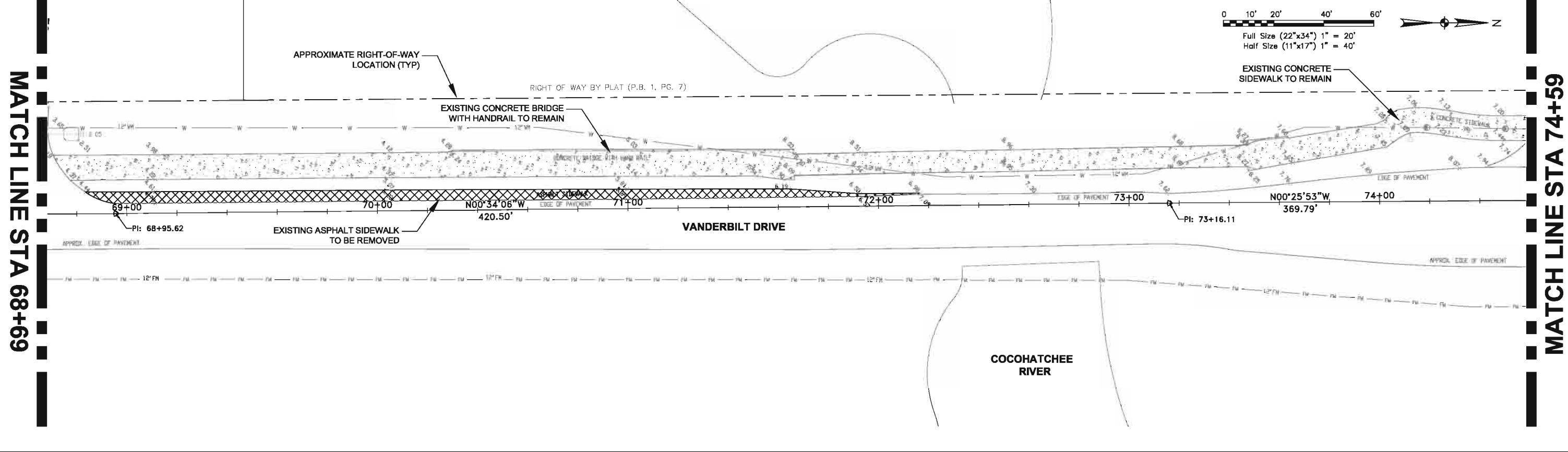
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|---------------------------------|---|--|---|--|---|
| CLIENT COLLIER COUNTY | PROJECT VANDERBILT DRIVE GREENWAY PROJECT COLLIER COUNTY, FLORIDA | TASK EXISTING CONDITIONS, DEMOLITION AND REMOVAL PLAN | ORIGINAL DATE: 11/17/09 | 6 _____ | JOB NO. 100010962 DATE 11/11/2011 DESIGNED JVC PE JVC CHECKED MRR QC RU / NLW SHEET C-104 |
| | | | REVISIONS: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____ | 7 _____ | |
| | | | | 8 _____ 9 _____ 10 _____ 11 _____ 12 _____ | |
| | | | Jarivette Vélaz Cuadrado, PE FL# 72935 | | |

MATCH LINE STA 68+69

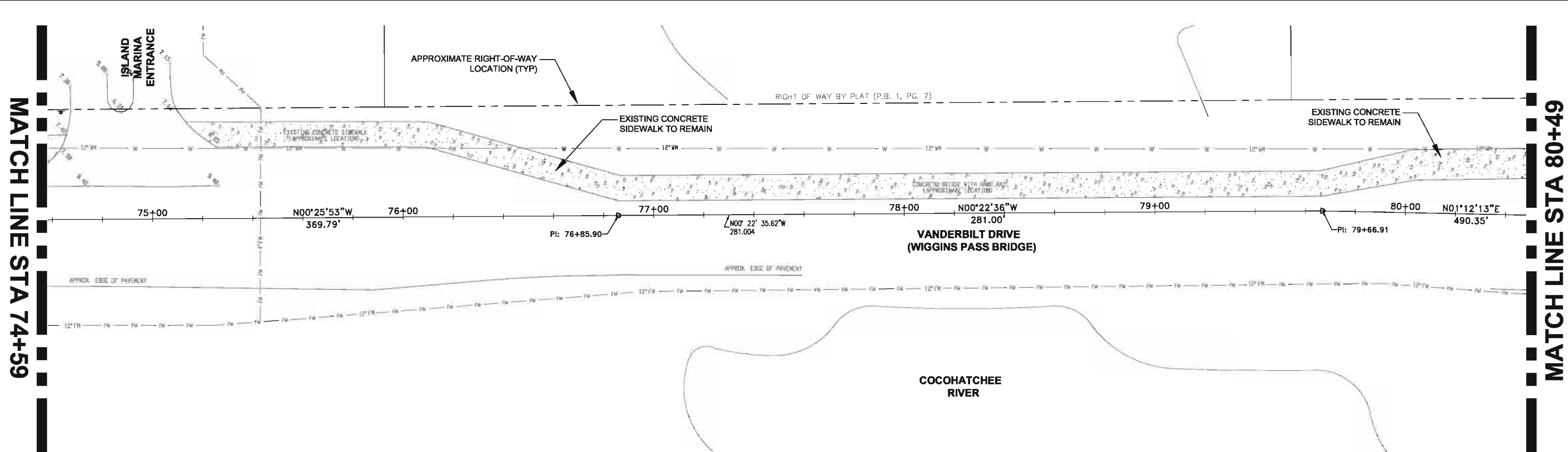


MATCH LINE STA 74+59



MATCH LINE STA 74+59

MATCH LINE STA 80+49



User Name: 22180
Drawing Name: \\saps01\COMMON\00010862_Vanderbilt_Drive_Roadway\Shawn\105 - EXISTING CONDITIONS, DEMOLITION AND REMOVAL PLAN.dwg
Nov 11, 2011 - 11:06am

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| CLIENT | COLLIER COUNTY |
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| PROJECT | VANDERBILT DRIVE GREENWAY PROJECT COLLIER COUNTY, FLORIDA |
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| TASK | EXISTING CONDITIONS, DEMOLITION AND REMOVAL PLAN |
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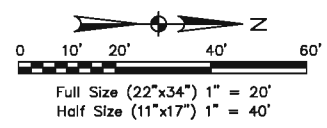
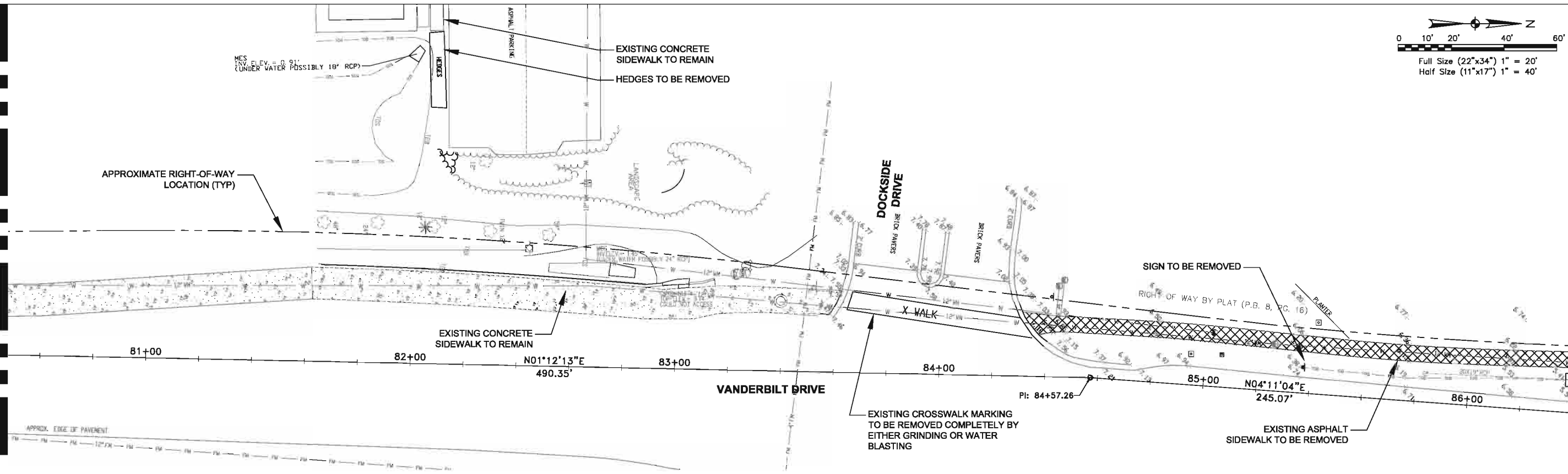
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| ORIGINAL DATE: 11/17/09 | 6 _____ |
| REVISIONS: | 7 _____ |
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Jarivette Vélez Cuadrado, PE
FL# 72935

JOB NO. 100010962
DATE 11/11/2011
DESIGNED JVC
PE JVC
CHECKED MRR
QC RU / NLW
SHEET C-105

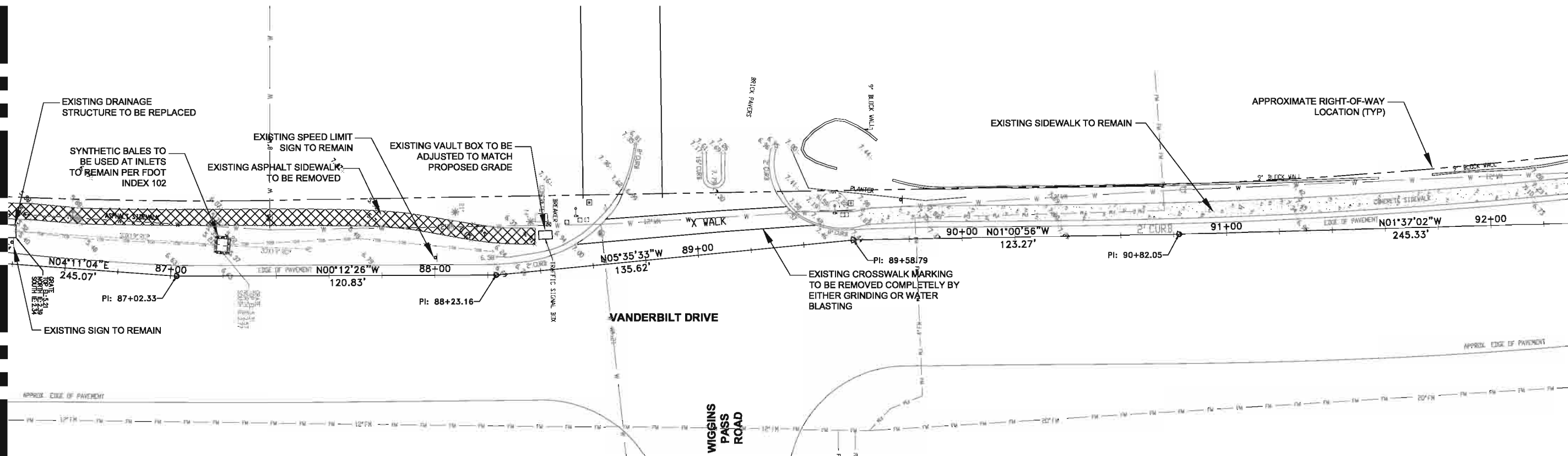
MATCH LINE STA 80+49

MATCH LINE STA 86+39



MATCH LINE STA 86+39

MATCH LINE STA 92+31



User Name: Z110
 Drawing Name: \\saps01\com\atkins\100010962_Vanderbilt_Drive_Roadway\Drawings\106 - EXISTING CONDITIONS, DEMOLITION AND REMOVAL PLAN.dwg
 Nov 11, 2011 - 11:17am

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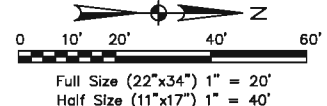
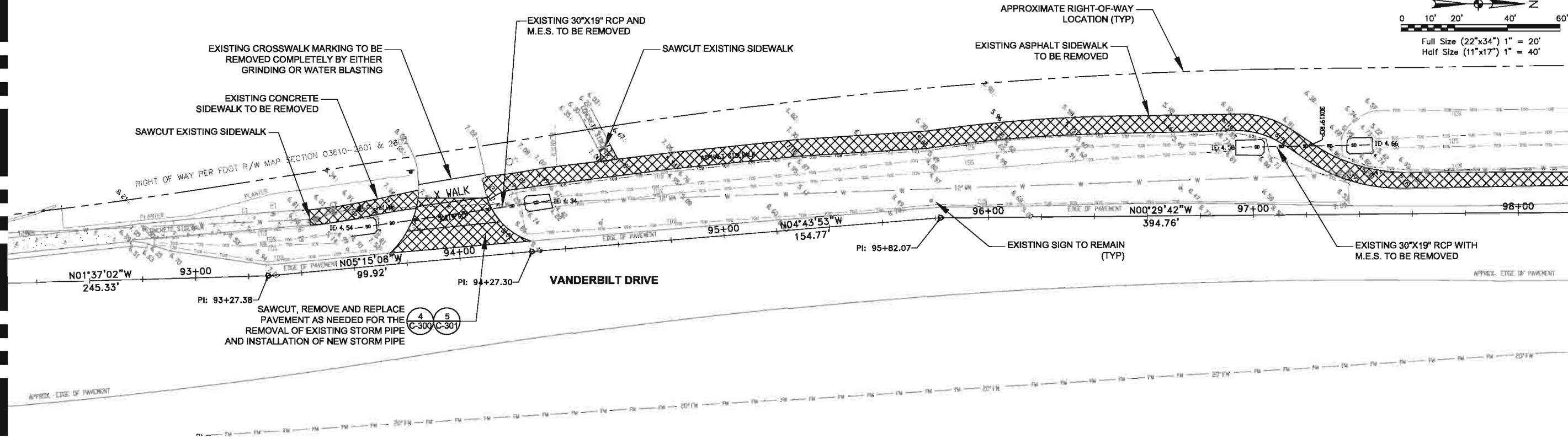
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|-------------------------|--------------------------------------|---|---|---|---|--|
| CLIENT | PROJECT | TASK | ORIGINAL DATE: 11/17/09 | 6 _____ | JOB NO. 100010962 DATE 11/11/2011 | |
| COLLIER COUNTY | VANDERBILT DRIVE GREENWAY PROJECT | EXISTING CONDITIONS, DEMOLITION AND REMOVAL PLAN | REVISIONS: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____ | 7 _____ 8 _____ 9 _____ 10 _____ 11 _____ 12 _____ | | DESIGNED JVC PE JVC CHECKED MRR QC RU / NLW |
| COLLIER COUNTY, FLORIDA | | | | | Jarivette Vélez Cuadrado, PE FL# 72935 | SHEET C-106 |

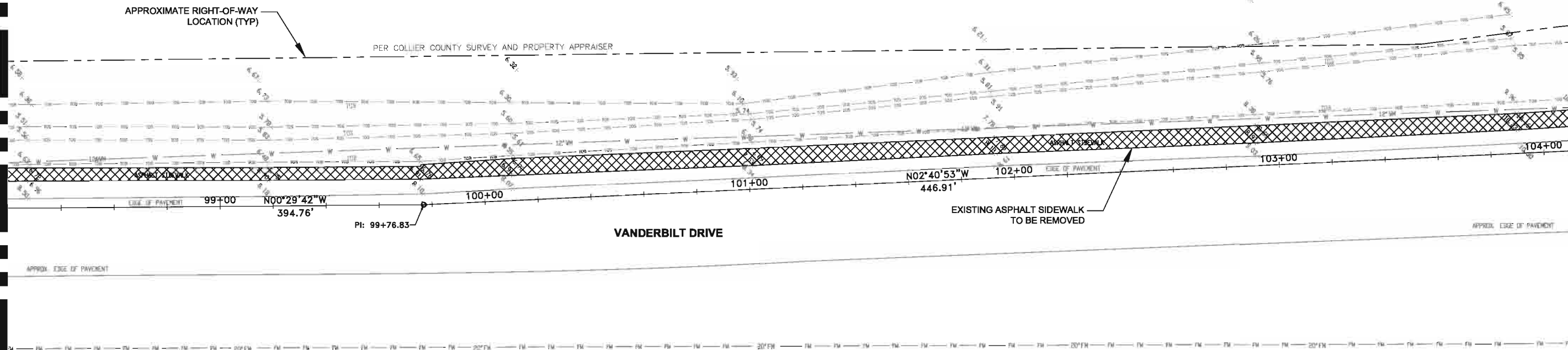
MATCH LINE STA 92+31

MATCH LINE STA 98+22



MATCH LINE STA 98+22

MATCH LINE STA 104+12



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| CLIENT | COLLIER COUNTY |
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| PROJECT | VANDERBILT DRIVE GREENWAY PROJECT COLLIER COUNTY, FLORIDA |
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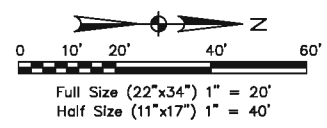
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| TASK | EXISTING CONDITIONS, DEMOLITION AND REMOVAL PLAN |
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| ORIGINAL DATE: 11/17/09 | 6 _____ |
| REVISIONS: | 7 _____ |
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| 4 _____ | 11 _____ |
| 5 _____ | 12 _____ |

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| Jarivette Vélaz Cuadrado, PE FL# 72935 |
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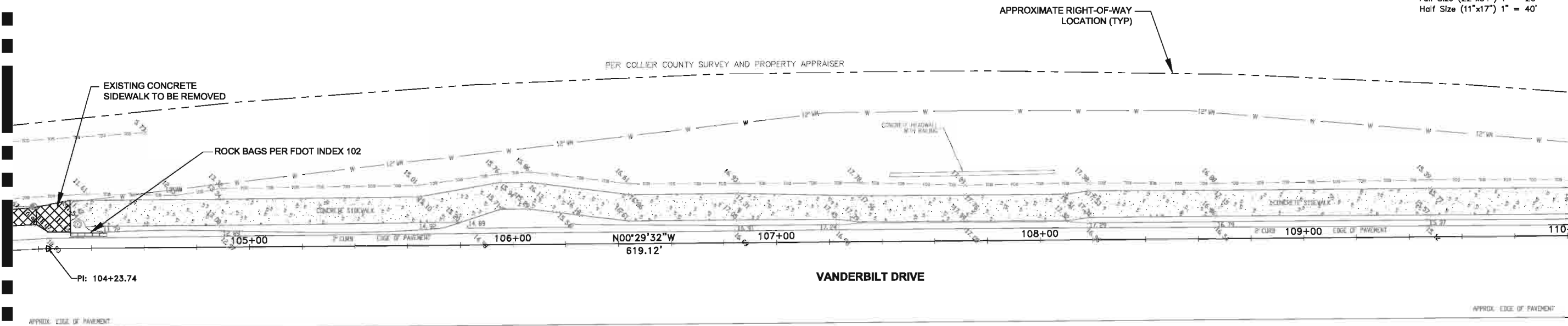
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| JOB NO. 100010962 DATE 11/11/2011 DESIGNED JVC PE JVC CHECKED MRR QC RU/NLW SHEET C-107 |
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User Name: 22180
Drawing Name: \\saps01\com\proj\100010962_Vanderbilt_Drive_Roadway\Drawings\107 - EXISTING CONDITIONS, DEMOLITION AND REMOVAL PLAN.dwg
Nov 11, 2011 - 11:58am



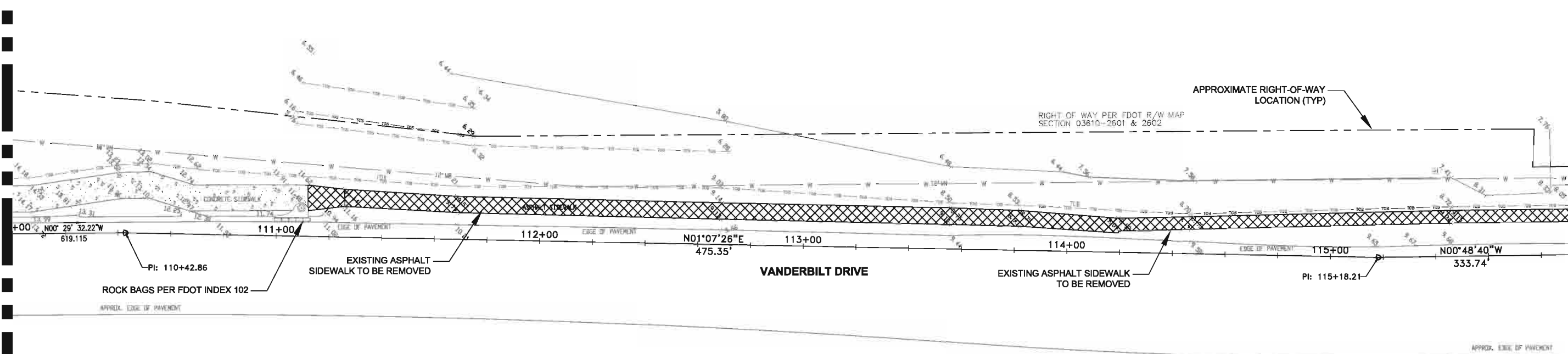
MATCH LINE STA 104+12

MATCH LINE STA 110+02



MATCH LINE STA 110+02

MATCH LINE STA 115+92



User Name: 22180
Drawing Name: \\saps01\COMMON\100010962_Vanderbilt_Drive_Roadway\Shawn\108 - EXISTING CONDITIONS, DEMOLITION AND REMOVAL PLAN.dwg Nov 11, 2011 11:20am



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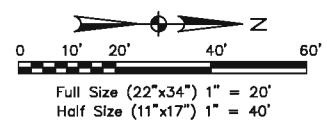
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| CLIENT | PROJECT | TASK |
| COLLIER COUNTY | VANDERBILT DRIVE GREENWAY PROJECT | EXISTING CONDITIONS, DEMOLITION AND REMOVAL PLAN |
| | COLLIER COUNTY, FLORIDA | |

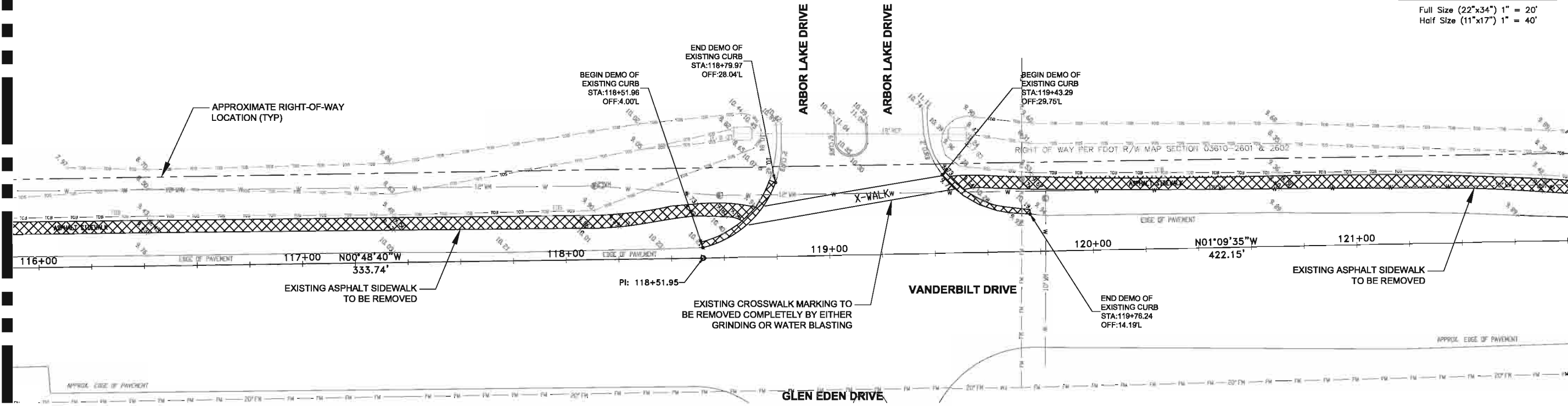
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| ORIGINAL DATE: 11/17/09 | 6 _____ | JOB NO. 100010962 DATE 11/11/2011 DESIGNED JVC PE JVC CHECKED MRR QC RU / NLW Jarivette Vélez Cuadrado, PE FL# 72935 |
| REVISIONS: | 7 _____ | |
| 1 _____ | 8 _____ | |
| 2 _____ | 9 _____ | |
| 3 _____ | 10 _____ | |
| 4 _____ | 11 _____ | |
| 5 _____ | 12 _____ | |

SHEET C-108

MATCH LINE STA 115+92

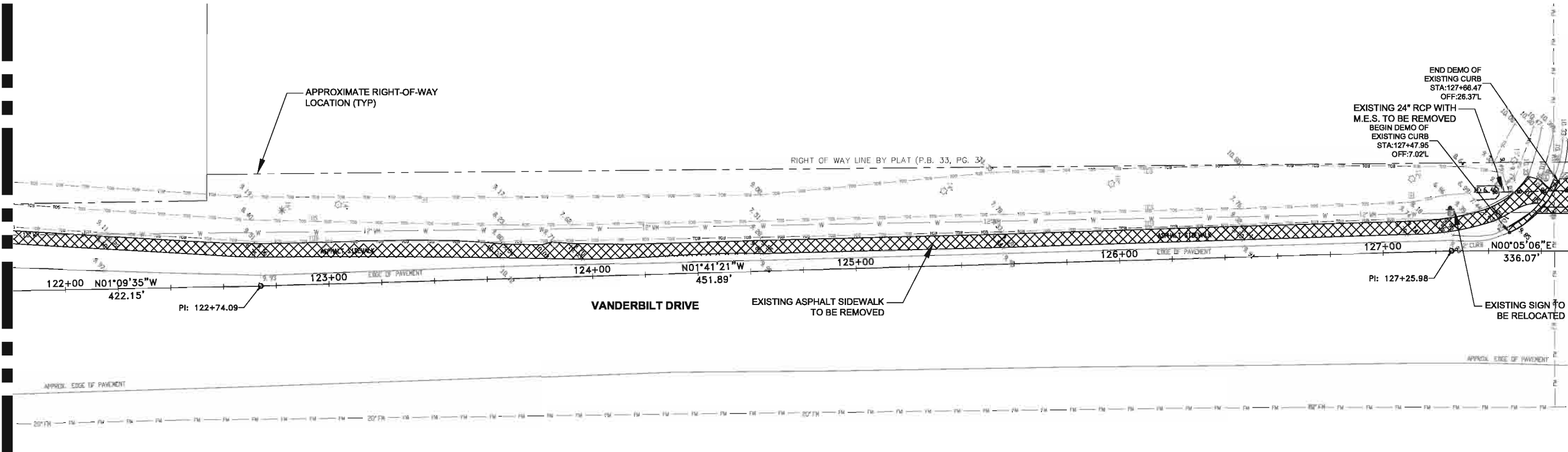


MATCH LINE STA 121+82



MATCH LINE STA 121+82

MATCH LINE STA 127+72



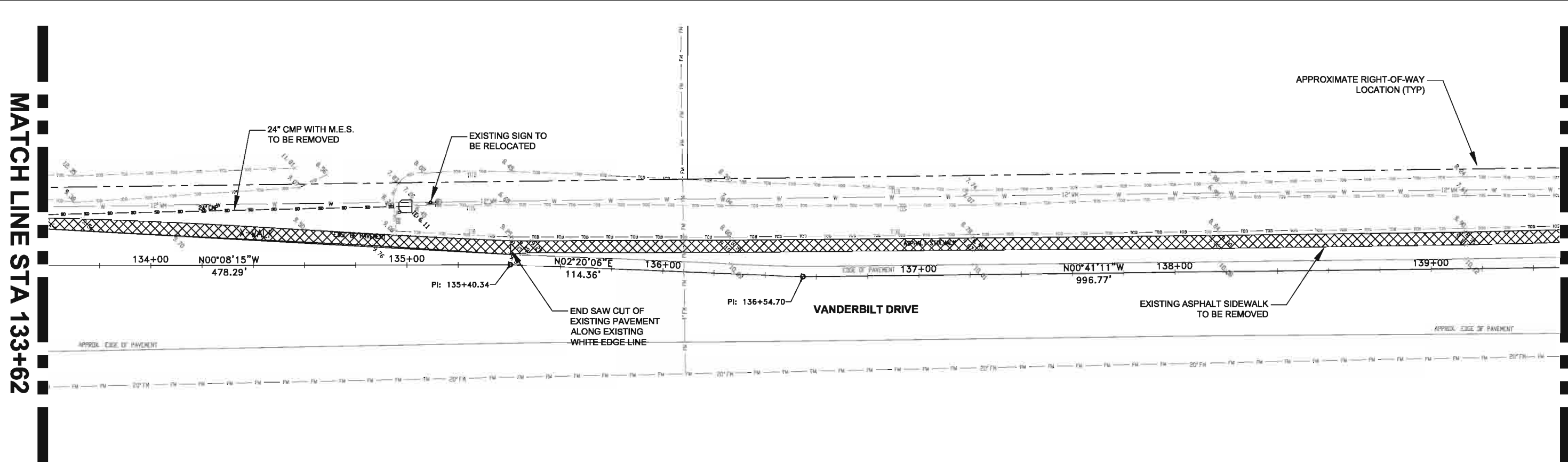
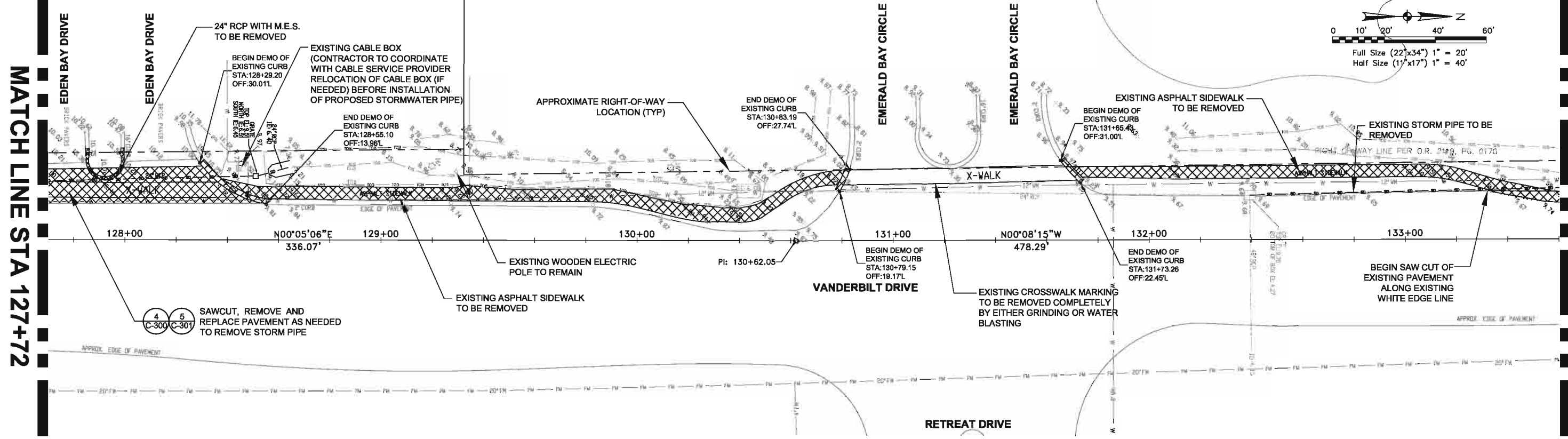
User Name: 22180
 Drawing Name: \\saps01\com\proj\100010862_Vanderbilt_Drive_Roadway\Drawings\10 - EXISTING CONDITIONS, DEMOLITION AND REMOVAL PLAN.dwg
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|---------------------------------|---|--|--|--|---|
| CLIENT COLLIER COUNTY | PROJECT VANDERBILT DRIVE GREENWAY PROJECT COLLIER COUNTY, FLORIDA | TASK EXISTING CONDITIONS, DEMOLITION AND REMOVAL PLAN | ORIGINAL DATE: 11/17/09 | 6 _____ | JOB NO. 100010962 DATE 11/11/2011 DESIGNED JVC PE JVC CHECKED MRR QC RU / NLW SHEET C-109 |
| | | | REVISIONS: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____ | 7 _____ | |
| | | | | 8 _____ 9 _____ 10 _____ 11 _____ 12 _____ | |

Jarivette Vélaz Cuadrado, PE
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| CLIENT | COLLIER COUNTY |
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| PROJECT | VANDERBILT DRIVE GREENWAY PROJECT COLLIER COUNTY, FLORIDA |
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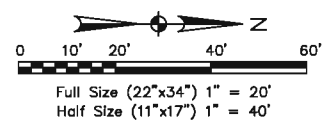
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| TASK | EXISTING CONDITIONS, DEMOLITION AND REMOVAL PLAN |
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| ORIGINAL DATE: 11/17/09 | 6 _____ |
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Jarivette Vélaz Cuadrado, PE
FL# 72935

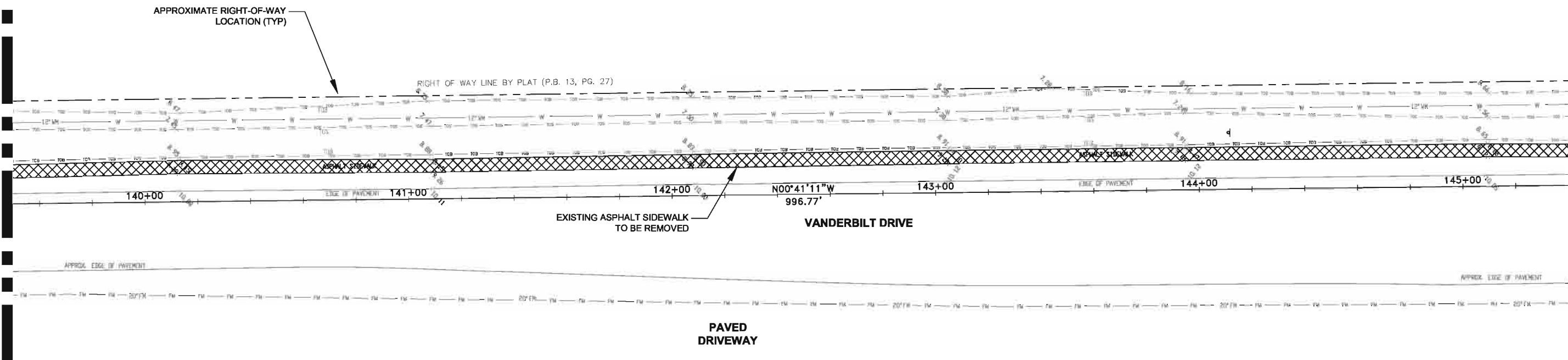
JOB NO. 100010962
DATE 11/11/2011
DESIGNED JVC
PE JVC
CHECKED MRR
QC RU / NLW
SHEET C-110

User Name: ZJ190
 Drawing Name: \\saps01\com\proj\100010962_Vanderbilt_Drive_Roadway\Sheet\C-110 - EXISTING CONDITIONS, DEMOLITION AND REMOVAL PLAN.dwg
 Nov 11, 2011 - 11:21am



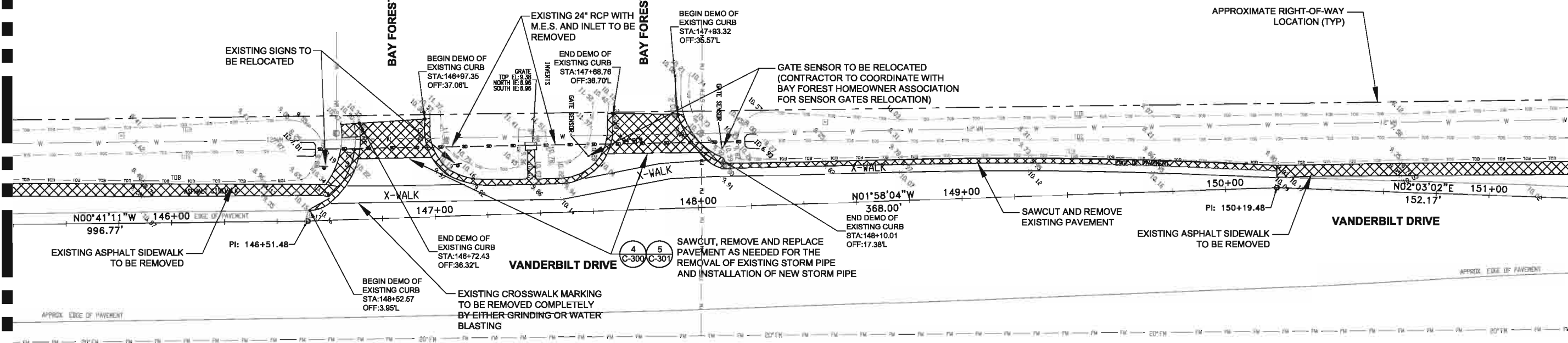
MATCH LINE STA 139+52

MATCH LINE STA 145+42



MATCH LINE STA 145+42

MATCH LINE STA 151+32



User Name: 22180
Drawing Name: \\saps01\COMMON\00010882_Vanderbilt_Drive_Roadway\Shawn\0-111 - EXISTING CONDITIONS, DEMOLITION AND REMOVAL PLAN.dwg
Nov 11, 2011 - 11:25am



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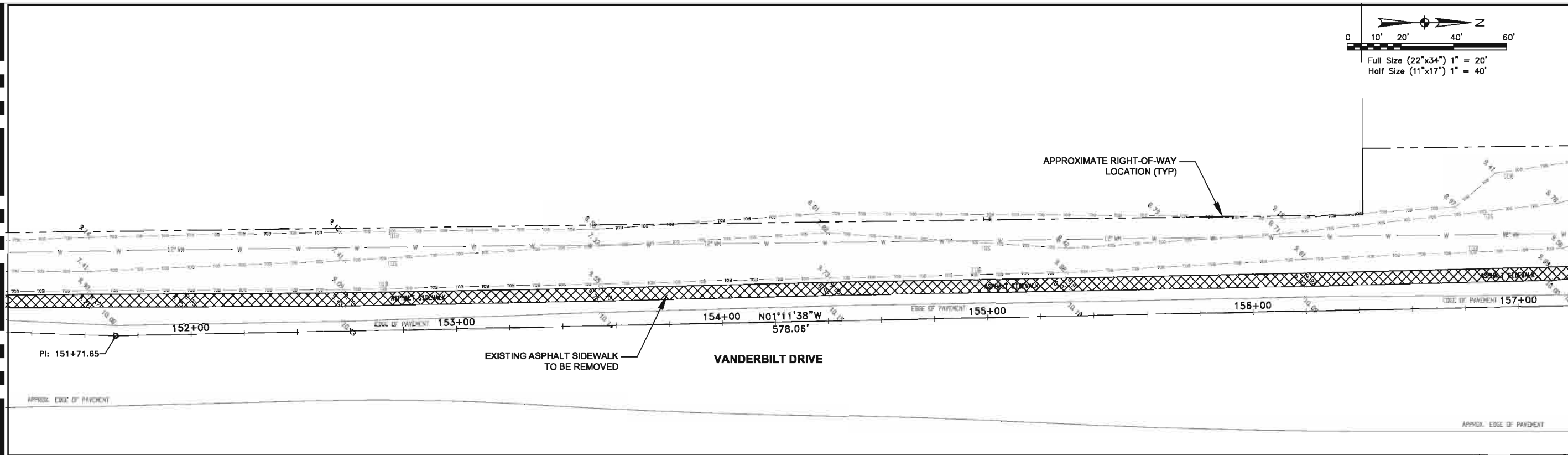
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|---------------------------------|---|--|---|--|---|
| CLIENT COLLIER COUNTY | PROJECT VANDERBILT DRIVE GREENWAY PROJECT COLLIER COUNTY, FLORIDA | TASK EXISTING CONDITIONS, DEMOLITION AND REMOVAL PLAN | ORIGINAL DATE: 11/17/09 | 6 _____ | JOB NO. 100010962 DATE 11/11/2011 DESIGNED JVC PE JVC CHECKED MRR QC RU / NLW SHEET C-111 |
| | | | REVISIONS: | 7 _____ | |
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Jarivette Velez Cuadrado, PE
FL# 72935

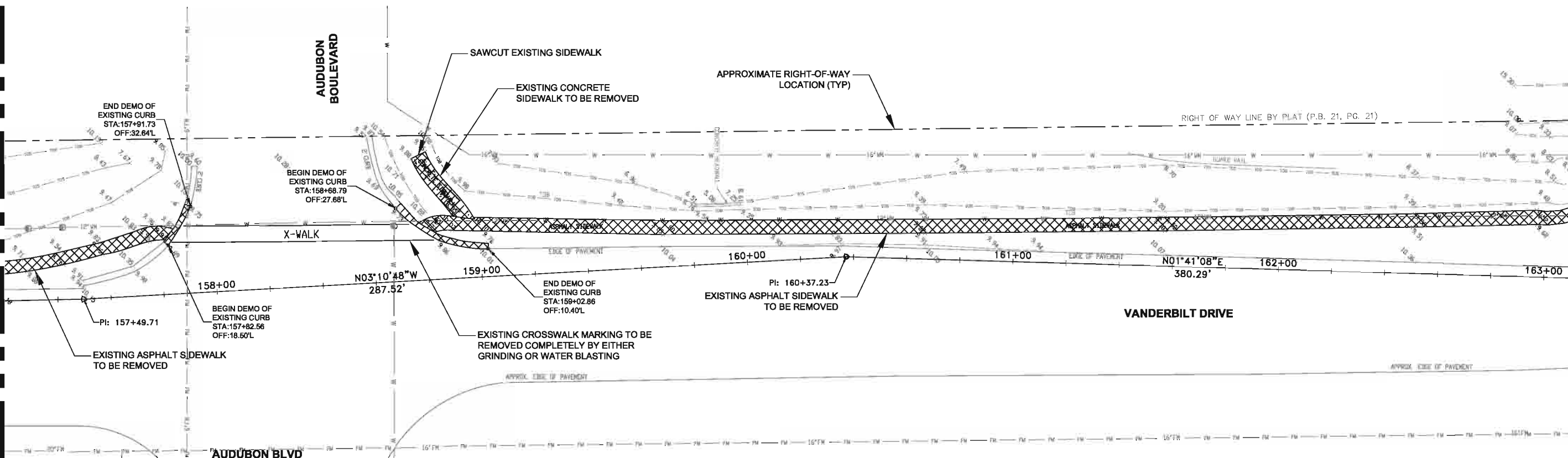
MATCH LINE STA 151+32

MATCH LINE STA 157+22



MATCH LINE STA 157+22

MATCH LINE STA 163+12



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| CLIENT | COLLIER COUNTY |
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| PROJECT | VANDERBILT DRIVE GREENWAY PROJECT COLLIER COUNTY, FLORIDA |
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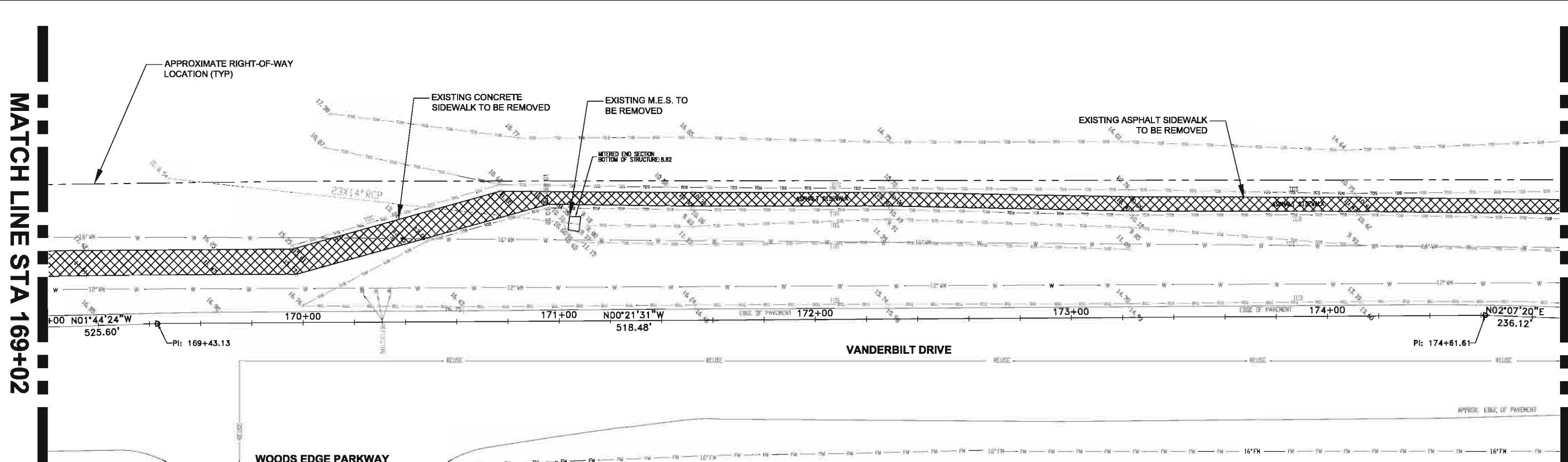
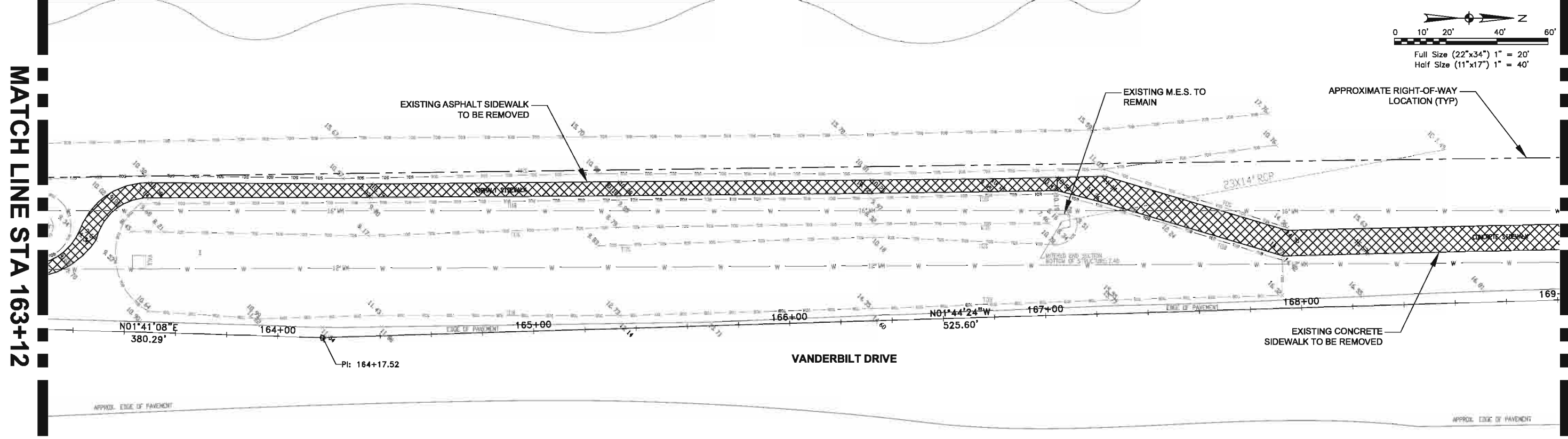
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| TASK | EXISTING CONDITIONS, DEMOLITION AND REMOVAL PLAN |
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| ORIGINAL DATE: 11/17/09 | 6 _____ |
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Jarivette Vélaz Cuadrado, PE
FL# 72935

JOB NO. 100010962
DATE 11/11/2011
DESIGNED JVC
PE JVC
CHECKED MRR
QC RU / NLW
SHEET C-112

User Name: 22180
Drawing Name: \\saps01\COMMON\100010962_Vanderbilt Drive_Roadway\Sheet\C-112 - EXISTING CONDITIONS, DEMOLITION AND REMOVAL PLAN.dwg
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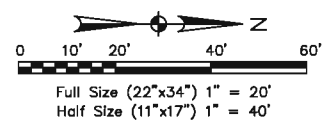
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| CLIENT | PROJECT | TASK |
| COLLIER COUNTY | VANDERBILT DRIVE GREENWAY PROJECT | EXISTING CONDITIONS, DEMOLITION AND REMOVAL PLAN |
| | COLLIER COUNTY, FLORIDA | |

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| Jarivette Vélez Cuadrado, PE FL# 72935 |
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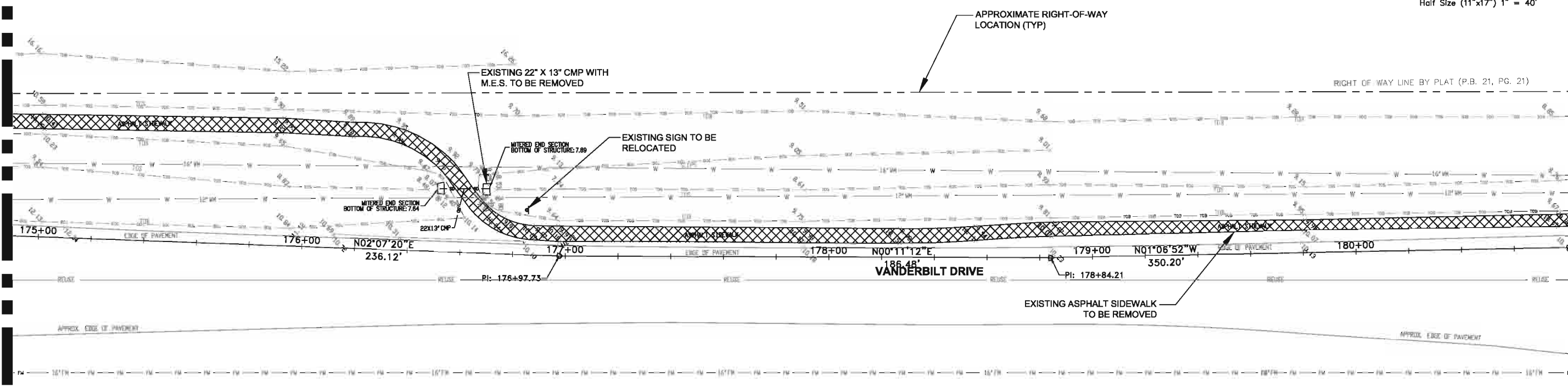
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| JOB NO. 100010962 |
| DATE 11/11/2011 |
| DESIGNED JVC |
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| CHECKED MRR |
| QC RU / NLW |
| SHEET C-113 |

User Name: ZJ190
 Drawing Name: \\saps01\com\proj\100010962_Vanderbilt Drive Parkway\Drawings\113 - EXISTING CONDITIONS, DEMOLITION AND REMOVAL PLAN.dwg
 Nov 11, 2011 - 11:26am



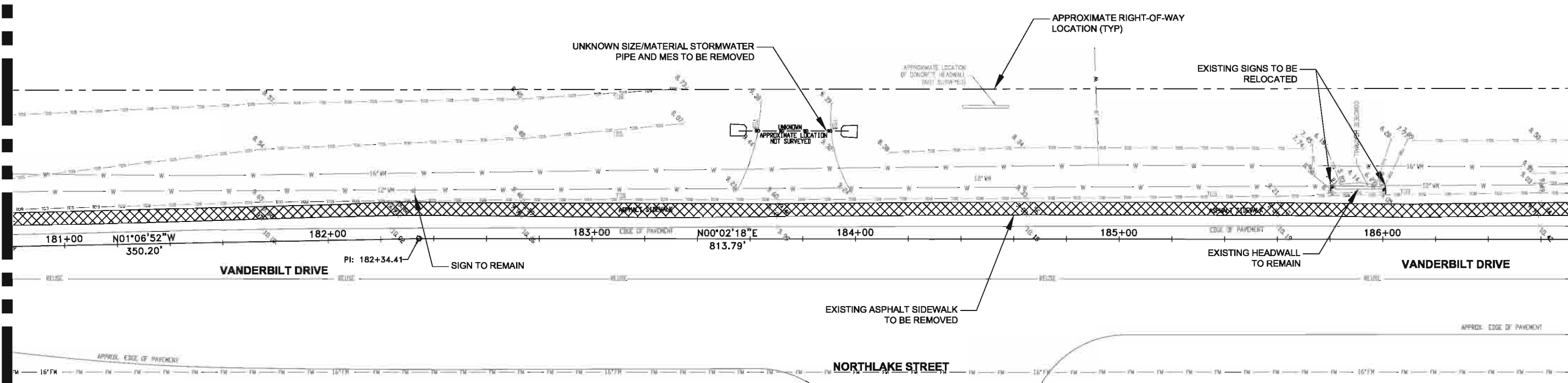
MATCH LINE STA 174+92

MATCH LINE STA 180+82



MATCH LINE STA 180+82

MATCH LINE STA 186+72



User Name: 22180
Drawing Name: \\G:\P\301\COMMON\10001082_Vanderbilt_Drive_Roadway\Sheet\C-114 - EXISTING CONDITIONS, DEMOLITION AND REMOVAL PLAN.dwg
Nov 11, 2011 - 11:25am



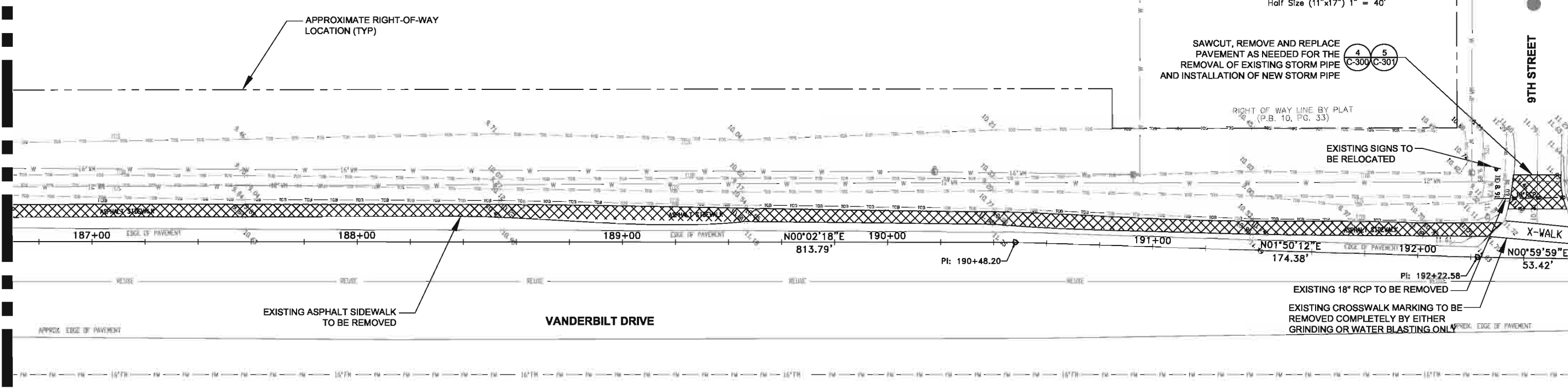
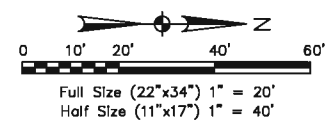
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| CLIENT COLLIER COUNTY | PROJECT VANDERBILT DRIVE GREENWAY PROJECT COLLIER COUNTY, FLORIDA | TASK EXISTING CONDITIONS, DEMOLITION AND REMOVAL PLAN | ORIGINAL DATE: 11/17/09 | 6 _____ | JOB NO. 100010962 DATE 11/11/2011 DESIGNED JVC PE JVC CHECKED MRR QC RU / NLW SHEET C-114 |
| | | | REVISIONS: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____ | 7 _____ | |
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| | | | Jarivette Vélez Cuadrado, PE FL# 72935 | | |

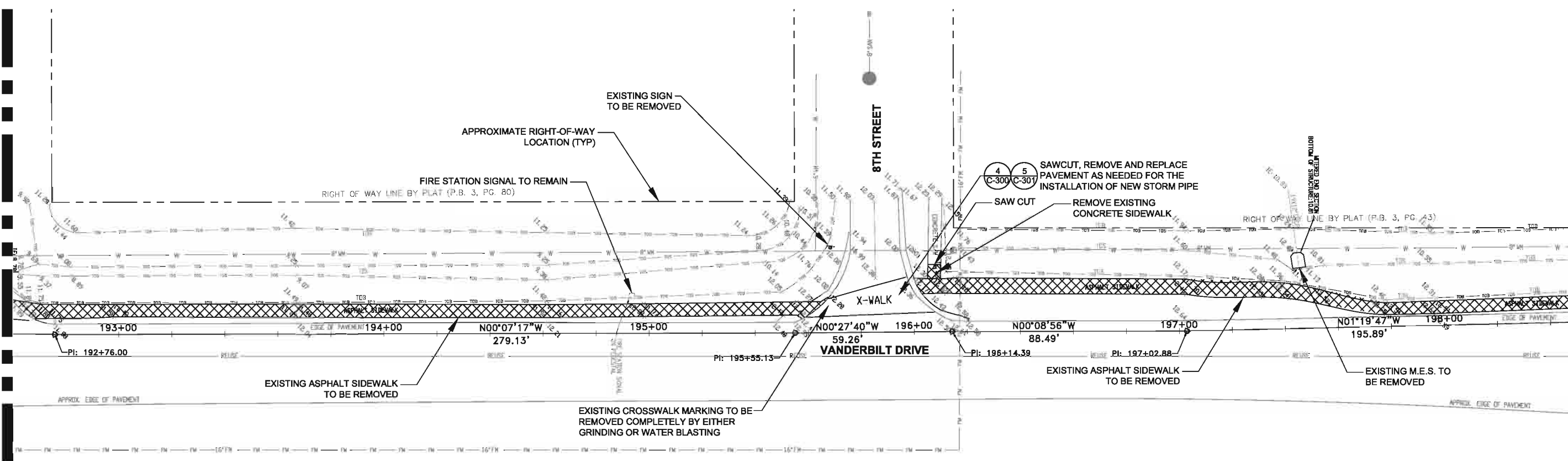
MATCH LINE STA 186+72

MATCH LINE STA 192+62



MATCH LINE STA 192+62

MATCH LINE STA 198+52



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| PROJECT | VANDERBILT DRIVE GREENWAY PROJECT COLLIER COUNTY, FLORIDA |
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| ORIGINAL DATE: 11/17/09 | 6 _____ |
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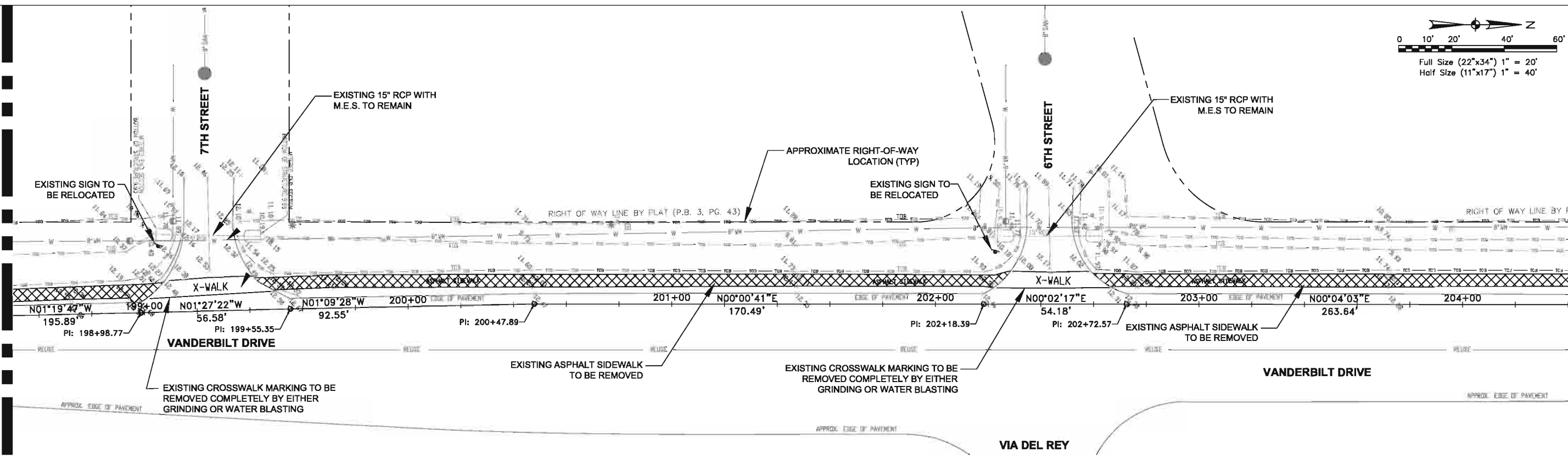
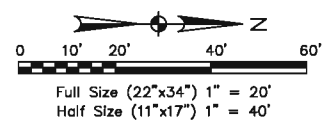
Jarivette Vélaz Cuadrado, PE
FL# 72935

JOB NO. 100010962
DATE 11/11/2011
DESIGNED JVC
PE JVC
CHECKED MRR
QC RU / NLW
SHEET C-115

User Name: 22180
Drawing Name: \\saps01\com\atkins\100010962_Vanderbilt_Drive_Roadway\Shawn\11-15 - EXISTING CONDITIONS, DEMOLITION AND REMOVAL PLAN.dwg
Nov 11, 2011 - 11:26am

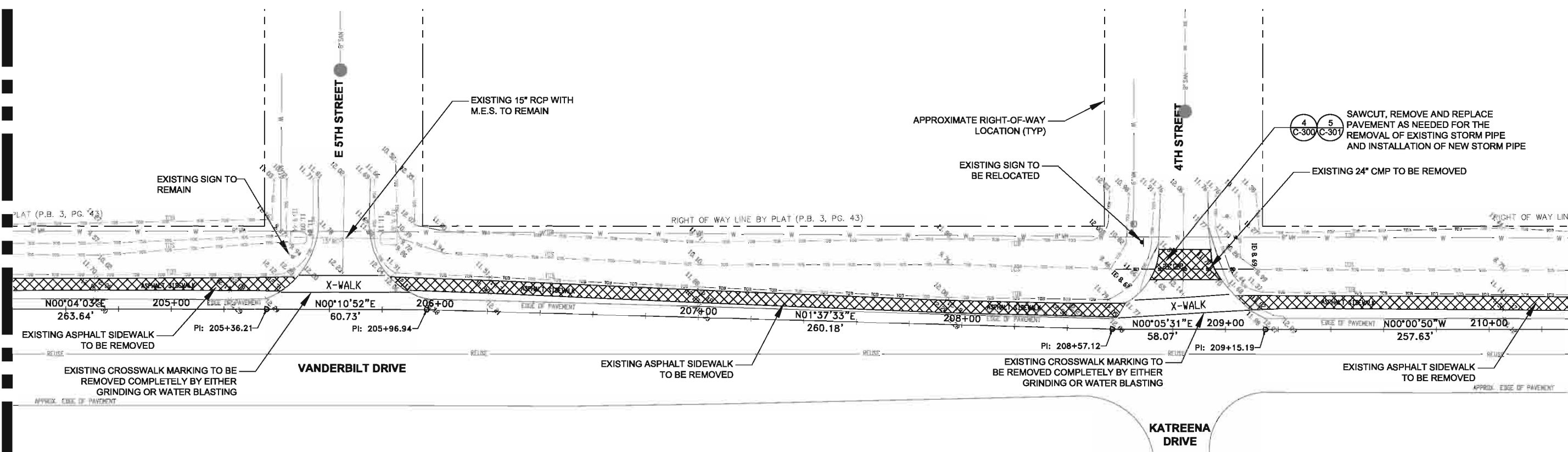
MATCH LINE STA 198+52

MATCH LINE STA 204+42



MATCH LINE STA 204+42

MATCH LINE STA 210+32



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CLIENT
COLLIER COUNTY

PROJECT
VANDERBILT DRIVE
GREENWAY PROJECT
COLLIER COUNTY, FLORIDA

TASK
EXISTING CONDITIONS,
DEMOLITION AND REMOVAL PLAN

ORIGINAL DATE: 11/17/09
REVISIONS:
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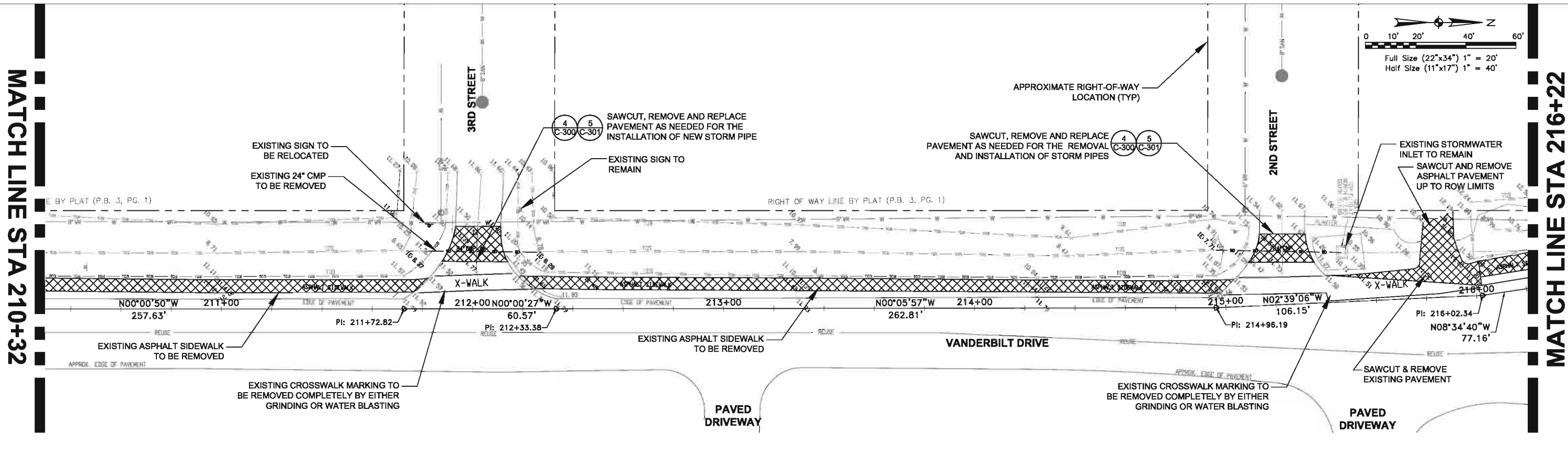
Jarivette Vélaz Cuadrado, PE
FL# 72935

JOB NO. 100010962
DATE 11/11/2011
DESIGNED JVC
PE JVC
CHECKED MRR
QC RU / NLW
SHEET C-116

User Name: Z1180
Drawing Name: \\saps01\com\atkins\100010962_Vanderbilt_Drive_Roadway\Drawings\C-116 - EXISTING CONDITIONS, DEMOLITION AND REMOVAL PLAN.dwg
Nov 11, 2011 11:25am

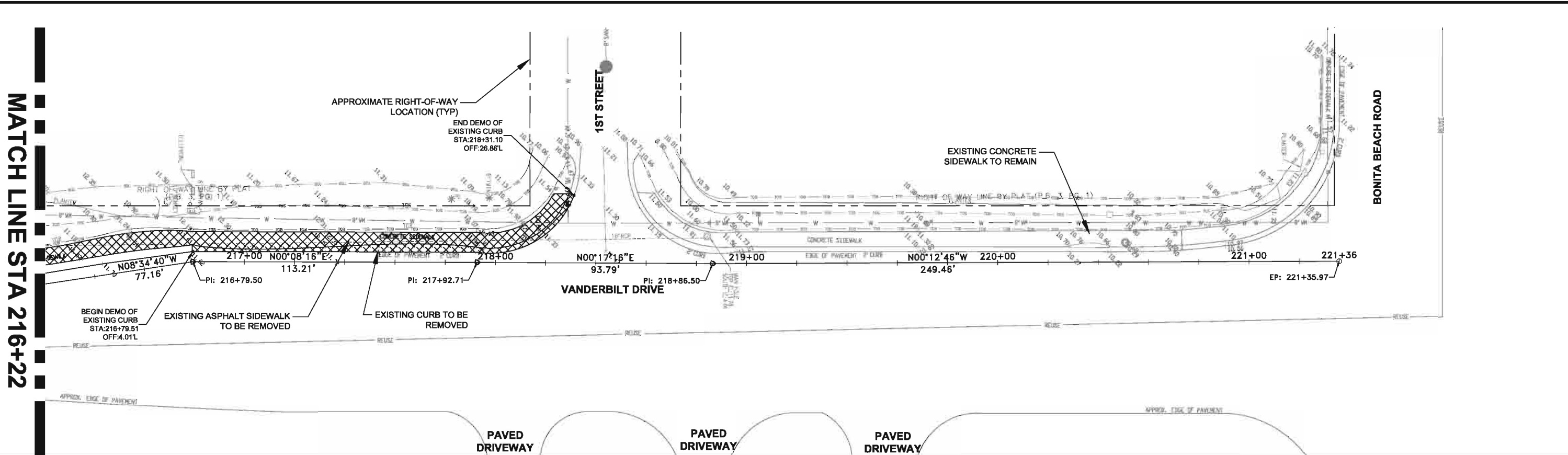
MATCH LINE STA 210+32

MATCH LINE STA 216+22



MATCH LINE STA 216+22

BONITA BEACH ROAD



ATKINS

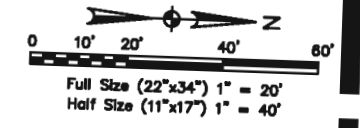
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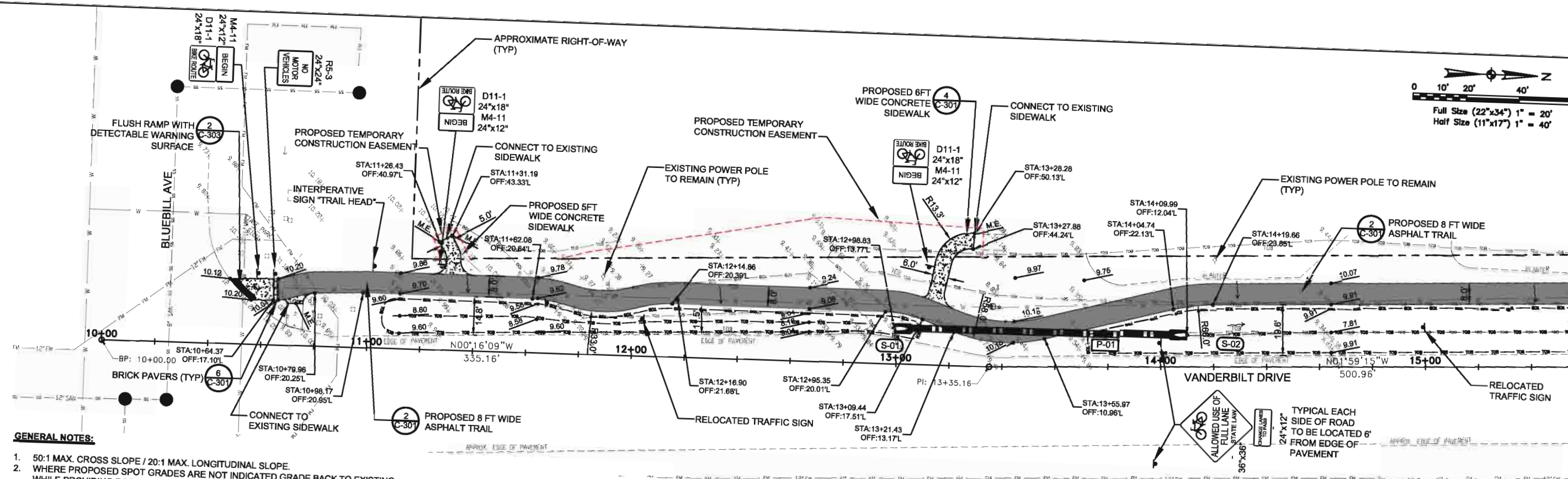
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| CLIENT | PROJECT | TASK |
| COLLIER COUNTY | VANDERBILT DRIVE GREENWAY PROJECT COLLIER COUNTY, FLORIDA | EXISTING CONDITIONS, DEMOLITION AND REMOVAL PLAN |

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| ORIGINAL DATE: 11/17/09 | 6 _____ | JOB NO. 100010962 DATE 11/11/2011 DESIGNED JVC PE JVC CHECKED MRR QC RU / NLW Jarivette Vélaz Cuadrado, PE FL# 72935 SHEET C-117 |
| REVISIONS: | 7 _____ | |
| 1 _____ | 8 _____ | |
| 2 _____ | 9 _____ | |
| 3 _____ | 10 _____ | |
| 4 _____ | 11 _____ | |
| 5 _____ | 12 _____ | |

User Name: 22180
 Drawing Name: \\saps01\com\proj\100010962_Vanderbilt_Drive_Roadway\Drawings\117 - EXISTING CONDITIONS, DEMOLITION AND REMOVAL PLAN.dwg
 Nov 11, 2011 - 11:50am

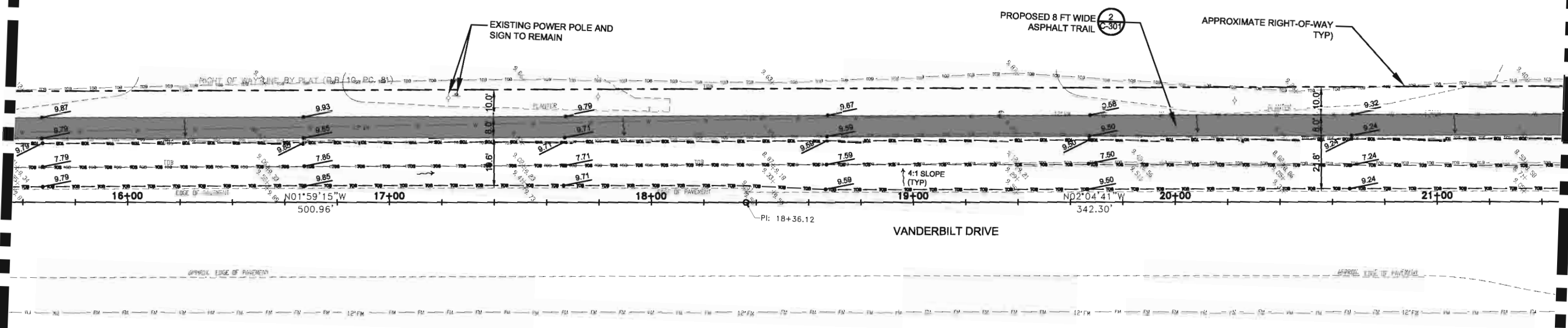


MATCH LINE STA 15+56



- GENERAL NOTES:**
- 50:1 MAX. CROSS SLOPE / 20:1 MAX. LONGITUDINAL SLOPE.
 - WHERE PROPOSED SPOT GRADES ARE NOT INDICATED GRADE BACK TO EXISTING WHILE PROVIDING POSITIVE DRAINAGE TO STORMWATER FEATURES.
 - STATION AND OFFSETS PROVIDED FROM BASE LINE TYPICALLY 2 FT EAST OF EXISTING ROADWAY EOP. OFFSET DATA PROVIDED AT POINT OF INFLECTIONS FOR EAST SIDE OF TRAIL ONLY.
 - RIP RAP STABILIZATION TO BE PROVIDED AT THE BASE OF ALL MES PER DETAILS ON SHEET C-300 IN ADDITION TO THE SPECIFIED AREAS ON THE PLANS.
 - FLOW ARROWS AND TYPICAL CROSS SECTIONS ARE PROVIDED WHERE CHANGES IN TRAIL SLOPE OCCUR AND ARE INTENDED TO AUGMENT PROPOSED SPOT GRADE ELEVATIONS. TRANSITIONS BETWEEN DIFFERING TYPICAL CROSS SECTIONS MUST BE GRADUAL AND CONTINUOUS OVER A SPAN OF 20 TO 30 FEET.

MATCH LINE STA 15+56



MATCH LINE STA 21+46

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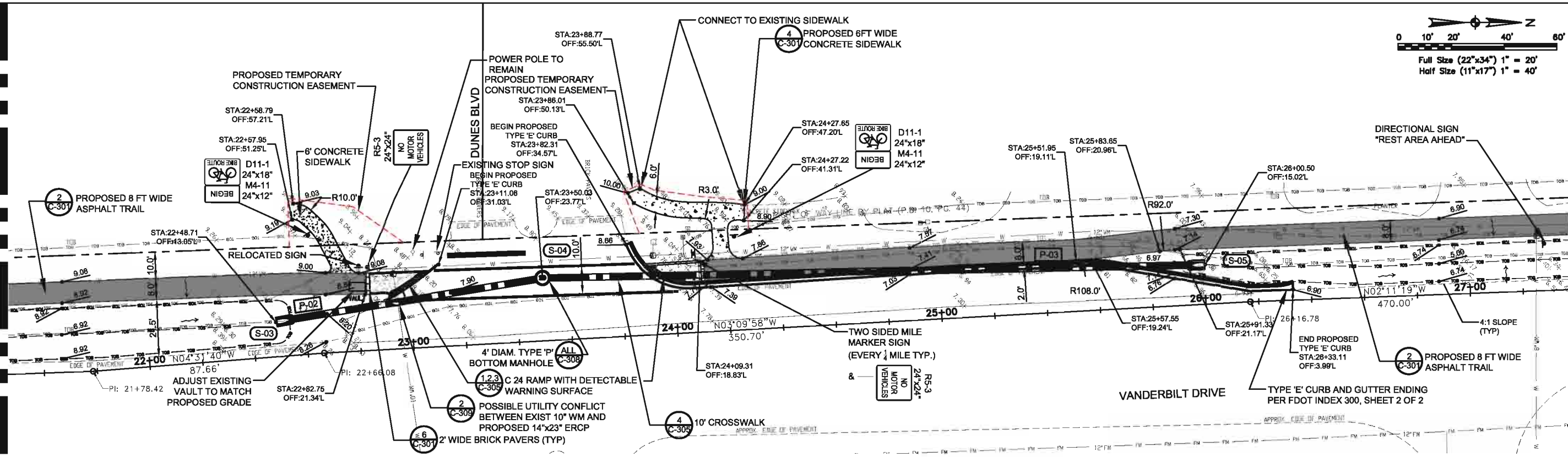
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|----------------|---|------------------------------------|---|-------------------------------|--|
| CLIENT | PROJECT | TASK | ORIGINAL DATE: 11/17/09 | 6 | JOB NO. 100010962 DATE 11/11/2011 DESIGNED JVC PE JVC CHECKED MRR QC RU / NLW |
| COLLIER COUNTY | VANDERBILT DRIVE GREENWAY PROJECT COLLIER COUNTY, FLORIDA | SITE, GRADING AND DRAINAGE PLAN | REVISIONS: 1 2 3 4 5 | 7 8 9 10 11 12 | |
| | | | Jarivette Vélez Cuadrado, PE FL# 72935 | | SHEET C-200 |

Nov 11, 2011 - 11:03 AM
User Name: 22180
Drawing Name: \\server\atkins\projects\2011\022_Vandervt\Sheet C-200 - SITE PLAN.dwg

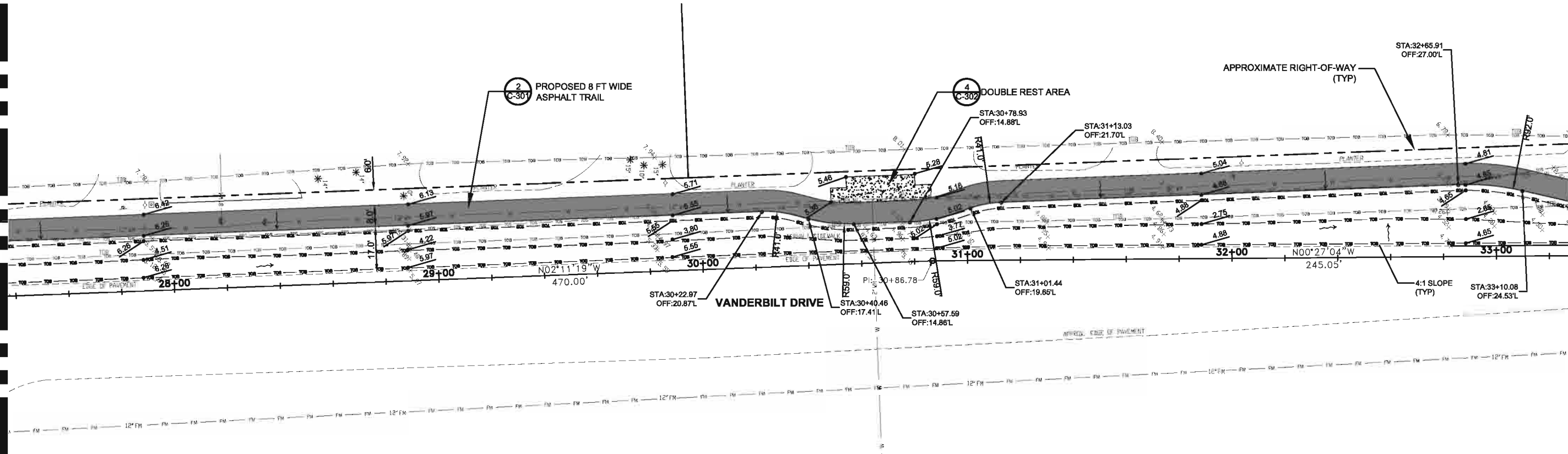
MATCH LINE STA 21+46

MATCH LINE STA 27+36



MATCH LINE STA 27+36

MATCH LINE STA 33+28



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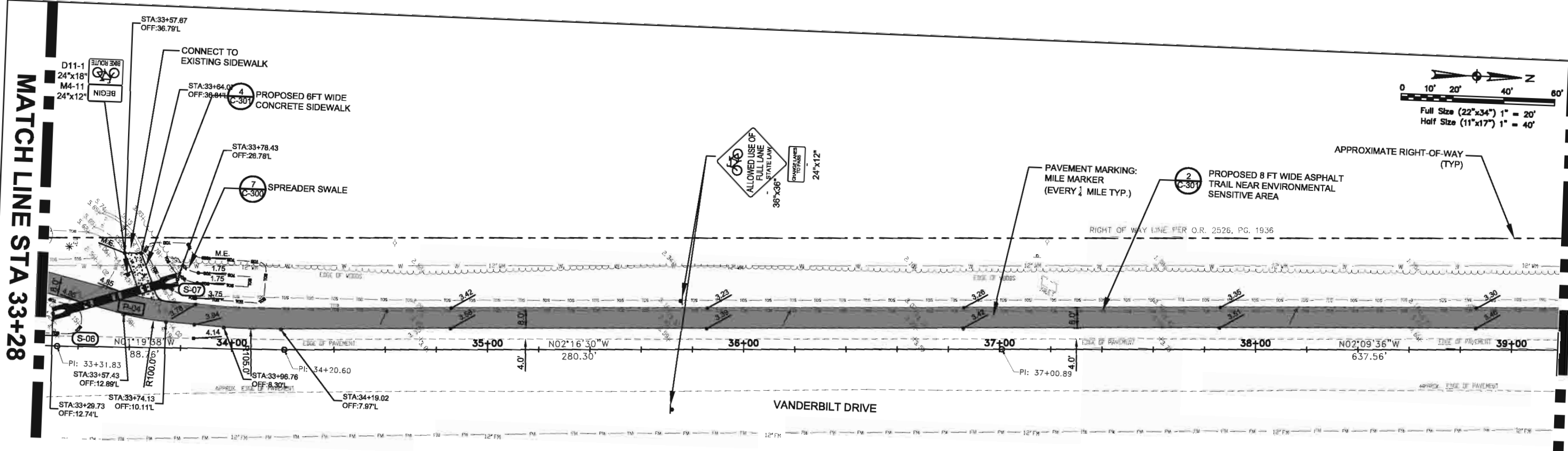
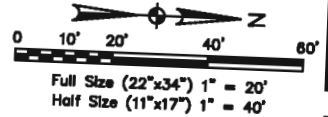
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|--------|----------------|---------|---|------|------------------------------------|-------------------------|---------|---|
| CLIENT | COLLIER COUNTY | PROJECT | VANDERBILT DRIVE GREENWAY PROJECT COLLIER COUNTY, FLORIDA | TASK | SITE, GRADING AND DRAINAGE PLAN | ORIGINAL DATE: 11/17/09 | 6 _____ | JOB NO. 100010962 DATE 11/11/2011 DESIGNED JVC PE JVC CHECKED MRR QC RU / NLW SHEET C-201 |
| | REVISIONS: | | 7 _____ | | | | | |
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| | 5 _____ | | | | 12 _____ | | | |

Jarivette Vélaz Cuadrado, PE
FL# 72935

User Name: Z2180
Drawing Name: \\atkins\corporate\project\100010962_Vanderbilt_Drive_Roadway\Sheet\C-201 - SITE PLAN.dwg
Nov 11, 2011 - 11:25am

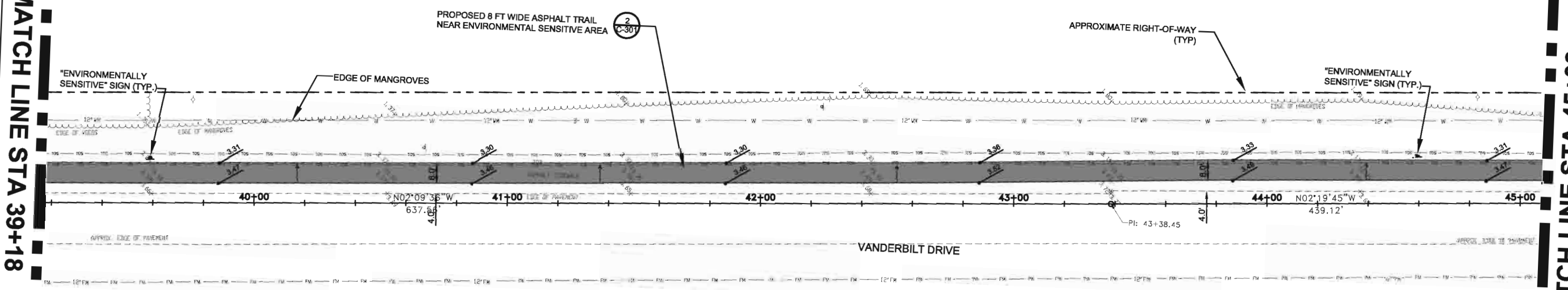
MATCH LINE STA 33+28

MATCH LINE STA 39+18



MATCH LINE STA 39+18

MATCH LINE STA 45+08



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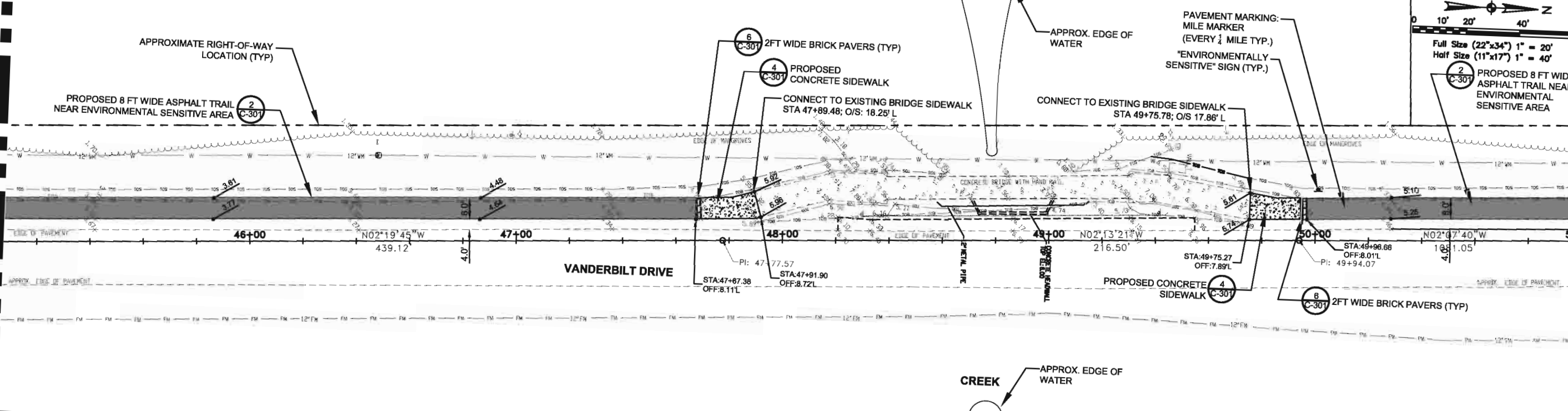
Atkins, North America (Principal Address)
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Suite 700, Tampa, FL 33607
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| CLIENT | PROJECT | TASK | ORIGINAL DATE: 11/17/09 | 6 | JOB NO. 100010962 DATE 11/11/2011 DESIGNED JVC PE JVC CHECKED MRR QC RU/NLW Jarivette Vález Cuadrado, PE FL# 72835 |
| COLLIER COUNTY | VANDERBILT DRIVE GREENWAY PROJECT COLLIER COUNTY, FLORIDA | SITE, GRADING AND DRAINAGE PLAN | REVISIONS: | 7 | |
| | | | 1 | 8 | |
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Nov 11, 2011 - 11:28am
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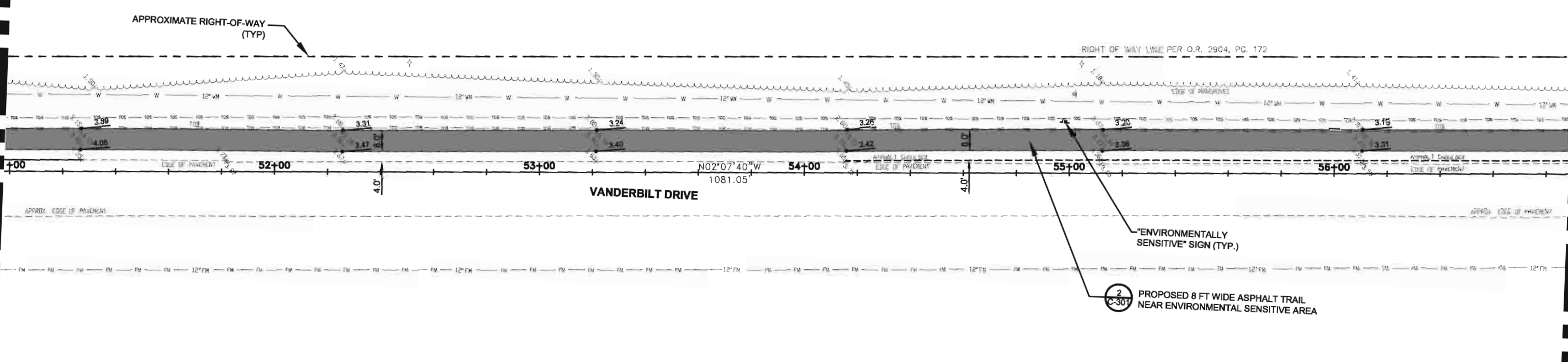
MATCH LINE STA 45+08

MATCH LINE STA 50+98



MATCH LINE STA 50+98

MATCH LINE STA 56+88



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| | | |
|----------------|---|------------------------------------|
| CLIENT | PROJECT | TASK |
| COLLIER COUNTY | VANDERBILT DRIVE GREENWAY PROJECT COLLIER COUNTY, FLORIDA | SITE, GRADING AND DRAINAGE PLAN |

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| ORIGINAL DATE: 11/17/09 |
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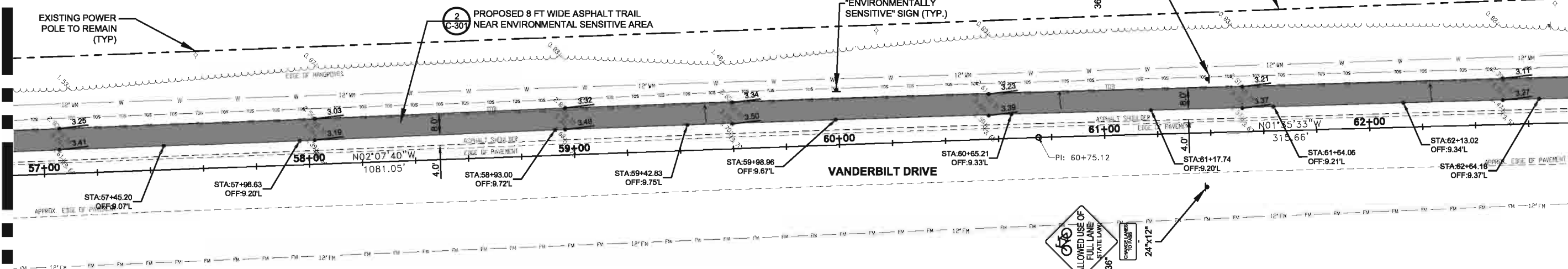
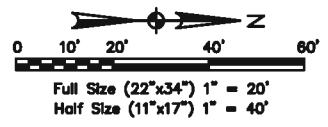
Jarivette Vélez Cuadrado, PE
 FL# 72935

JOB NO. 100010962
 DATE 11/11/2011
 DESIGNED JVC
 PE JVC
 CHECKED MRR
 QC RU/NLW
 SHEET C-203

User Name: 22188
 Drawing Name: \\atkins\com\atkins\10010962_Vanderbilt_Drive_Planway\Sheet\C-203 - DRG_Planway.dwg
 Nov 11, 2011 - 1:04 PM

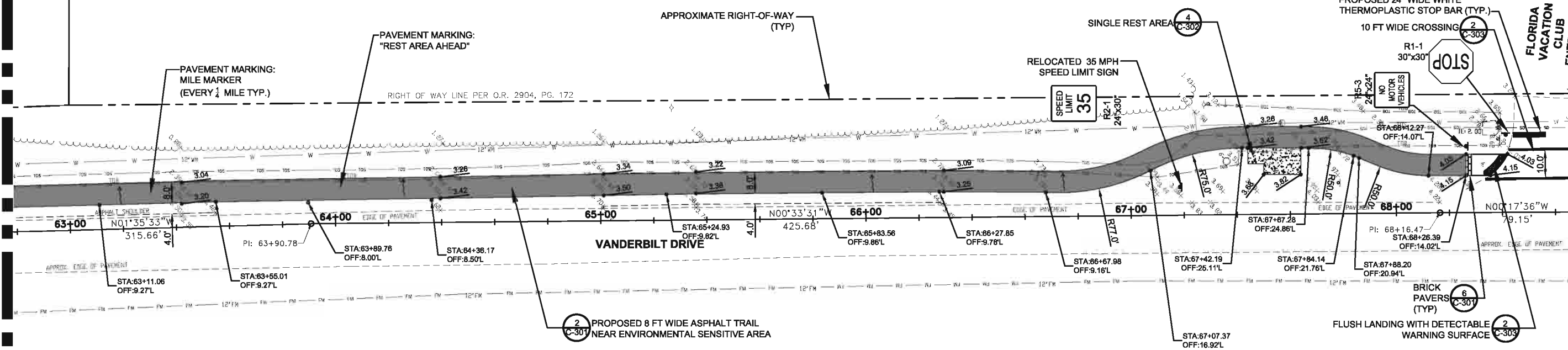
MATCH LINE STA 56+88

MATCH LINE STA 62+79



MATCH LINE STA 62+79

MATCH LINE STA 68+69



User Name: Z2180
 Drawing Name: \\atkins\com\atkins\projects\2011\00010962_Vanderbilt_Drive_Roadway\Sheet\01-204 - SITE PLAN.dwg
 Nov 11, 2011 - 11:02am



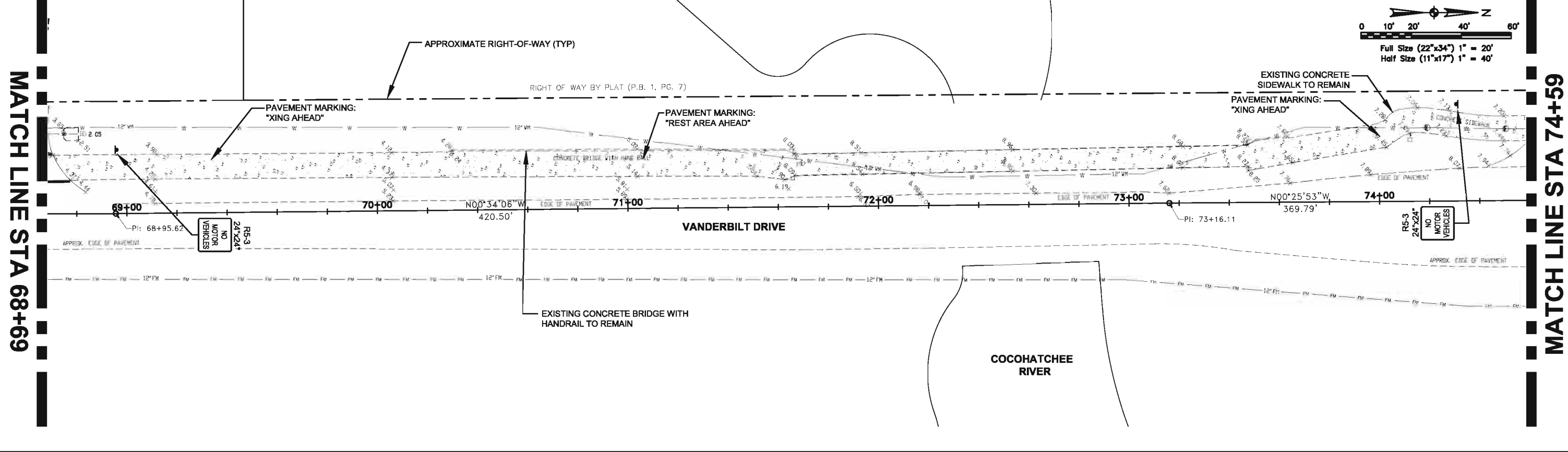
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|----------------|--------------------------------------|------------------------------------|-------------------------|----------|---|
| CLIENT | PROJECT | TASK | ORIGINAL DATE: 11/17/09 | 6 _____ | JOB NO. 100010962 DATE 11/11/2011 DESIGNED JVC PE JVC CHECKED MRR QC RU / NLW SHEET C-204 |
| COLLIER COUNTY | VANDERBILT DRIVE GREENWAY PROJECT | SITE, GRADING AND DRAINAGE PLAN | REVISIONS: | 7 _____ | |
| | COLLIER COUNTY, FLORIDA | | 1 _____ | 8 _____ | |
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| | | | 5 _____ | 12 _____ | |

Jarivette Vélaz Cuadrado, PE
FL# 72935

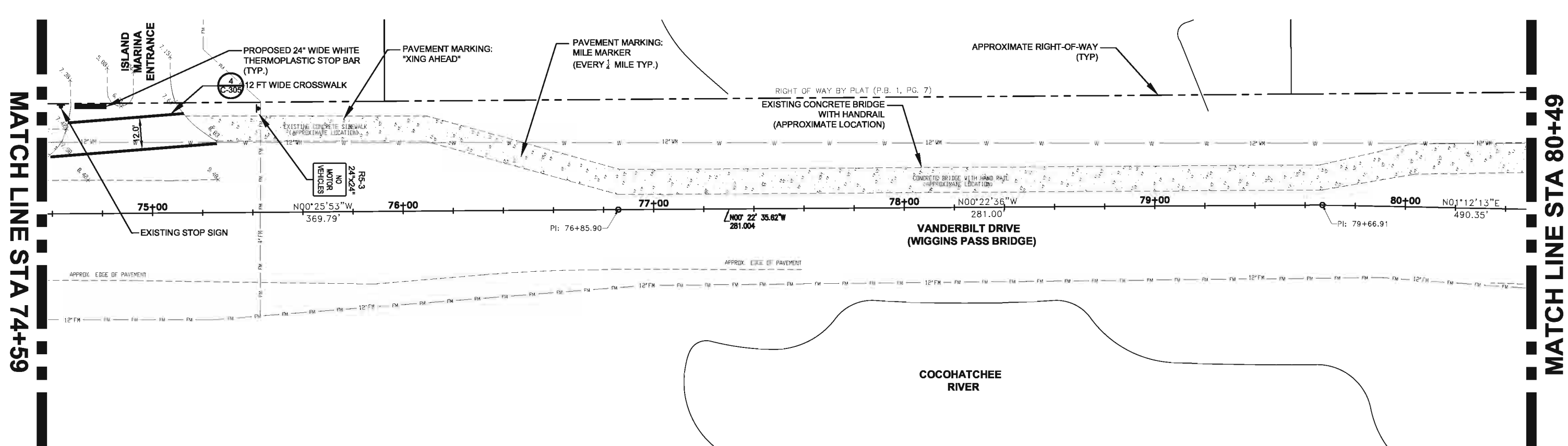
MATCH LINE STA 68+69

MATCH LINE STA 74+59



MATCH LINE STA 74+59

MATCH LINE STA 80+49



User Name: Z2180
 Drawing Name: \\server1\company\cadd\10002\10002_Vanderbilt_Drive_Roadway\Sheet\C-205 - SITE PLAN.dwg
 Nov 11, 2011 - 11:43am



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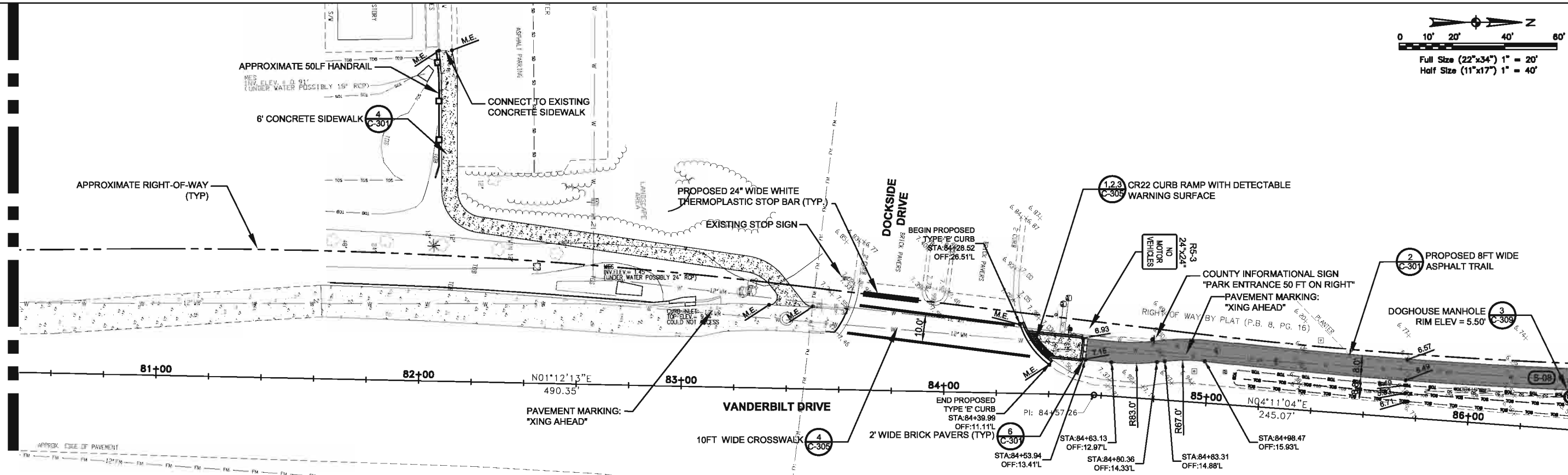
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| | | | | | |
|----------------|--------------------------------------|------------------------------------|-------------------------|----------|---|
| CLIENT | PROJECT | TASK | ORIGINAL DATE: 11/17/09 | 6 _____ | JOB NO. 100010962 DATE 11/11/2011 DESIGNED JVC PE JVC CHECKED MRR QC RU/NLW SHEET C-205 |
| COLLIER COUNTY | VANDERBILT DRIVE GREENWAY PROJECT | SITE, GRADING AND DRAINAGE PLAN | REVISIONS: | 7 _____ | |
| | COLLIER COUNTY, FLORIDA | | 1 _____ | 8 _____ | |
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| | | | 5 _____ | 12 _____ | |

Jarivette Vélaz Cuadrado, PE
FL# 72935

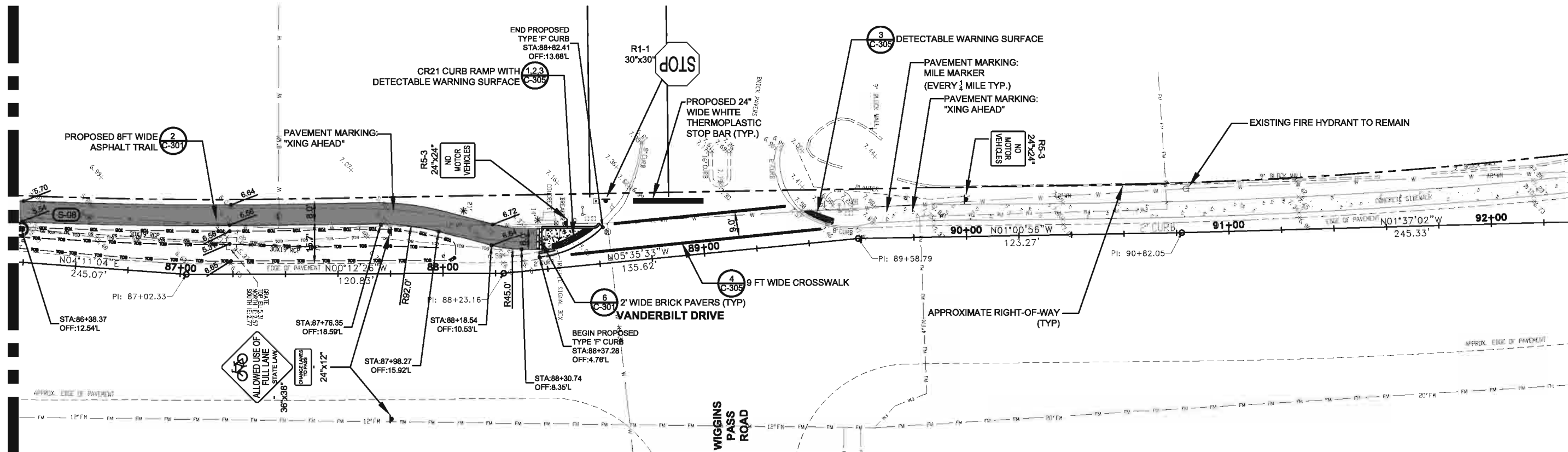
MATCH LINE STA 80+49

MATCH LINE STA 86+39



MATCH LINE STA 86+39

MATCH LINE STA 92+31



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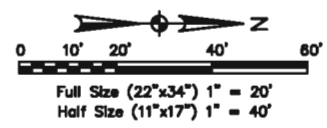
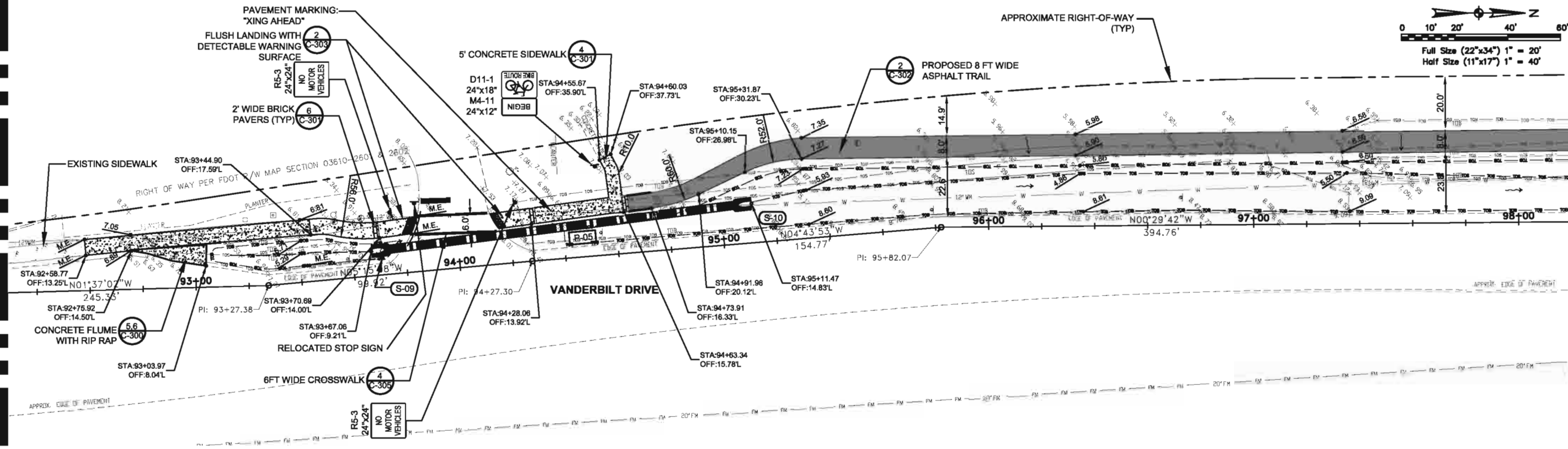
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| COLLIER COUNTY | VANDERBILT DRIVE GREENWAY PROJECT | SITE, GRADING AND DRAINAGE PLAN | REVISIONS: | 7. _____ | |
| | COLLIER COUNTY, FLORIDA | | 1. _____ | 8. _____ | |
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| | | | 4. _____ | 11. _____ | |
| | | | 5. _____ | 12. _____ | |

Jarivette Vélaz Cuadrado, PE
FL# 72935

User Name: Z2180
Drawing Name: \\gpc01\atkins\company\projects\100010962_Vanderbilt_Drive_Parkway\Sheet\C-206 - SITE PLAN.dwg
Nov 11, 2011 - 11:40am

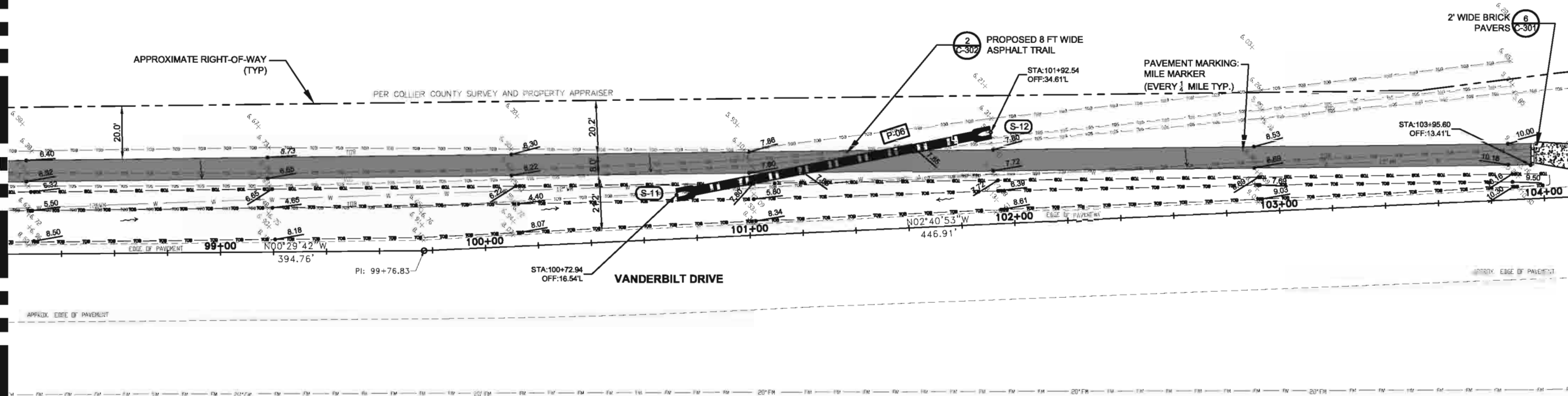
MATCH LINE STA 92+31

MATCH LINE STA 98+22



MATCH LINE STA 98+22

MATCH LINE STA 104+12



User Name: Z2100
 Drawing Name: \\gpc01\cadd\100010962_Vanderbilt_Drive_Plan\Sheet\C-207 - SITE PLAN.dwg
 Date: 11/11/2011 11:06am



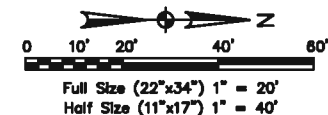
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|---------------------------------|---|---|---|--|---|
| CLIENT COLLIER COUNTY | PROJECT VANDERBILT DRIVE GREENWAY PROJECT COLLIER COUNTY, FLORIDA | TASK SITE, GRADING AND DRAINAGE PLAN | ORIGINAL DATE: 11/17/09 | 6 _____ 7 _____ 8 _____ 9 _____ 10 _____ 11 _____ 12 _____ | JOB NO. 100010962 DATE 11/11/2011 DESIGNED JVC PE JVC CHECKED MRR QC RU/NLW SHEET C-207 |
| | | | REVISIONS: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____ | Jarivette Vélez Cuadrado, PE FL# 72935 | |
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MATCH LINE STA 104+12

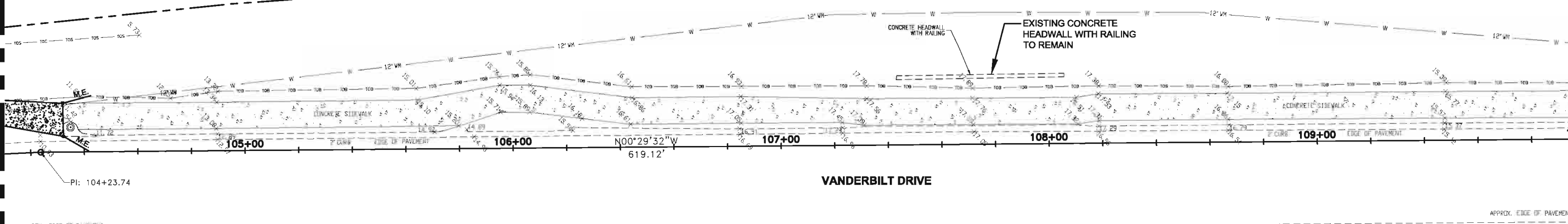
MATCH LINE STA 110+02



PER COLLIER COUNTY SURVEY AND PROPERTY APPRAISER

APPROXIMATE RIGHT-OF-WAY (TYP)

CONCRETE HEADWALL WITH RAILING
EXISTING CONCRETE HEADWALL WITH RAILING TO REMAIN



VANDERBILT DRIVE

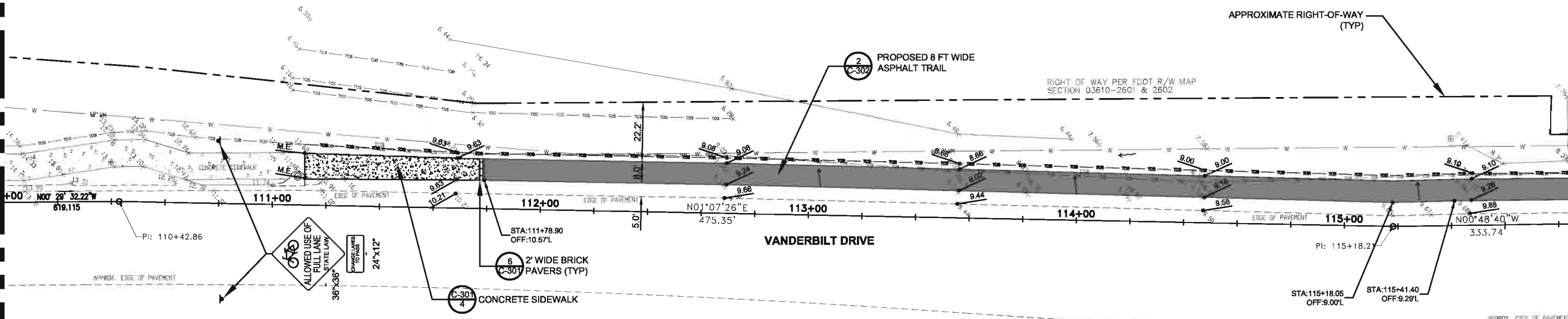
MATCH LINE STA 110+02

MATCH LINE STA 115+92

APPROXIMATE RIGHT-OF-WAY (TYP)

2 PROPOSED 8 FT WIDE ASPHALT TRAIL

RIGHT-OF-WAY PER FDOT R/W MAP SECTION 03610-2601 & 2602



VANDERBILT DRIVE

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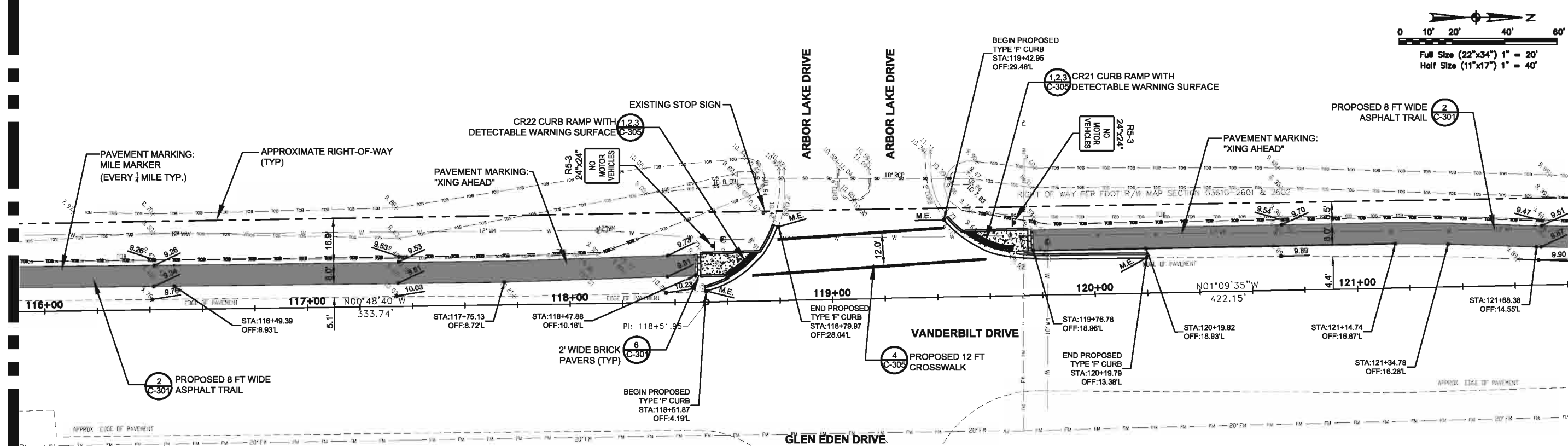
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| COLLIER COUNTY | VANDERBILT DRIVE GREENWAY PROJECT | SITE, GRADING AND DRAINAGE PLAN | REVISIONS: | 7 _____ | |
| | COLLIER COUNTY, FLORIDA | | 1 _____ | 8 _____ | |
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| | | | 5 _____ | 12 _____ | |

Jarivette Vélaz Cuadrado, PE
FL# 72935

User Name: Z2100
Drawing Name: \\gpc01\cadd\coll\10010962_Vanderbilt_Drive_Roadway\Sheet\03-208 - SITE PLAN.dwg
Nov 11, 2011 - 11:50am

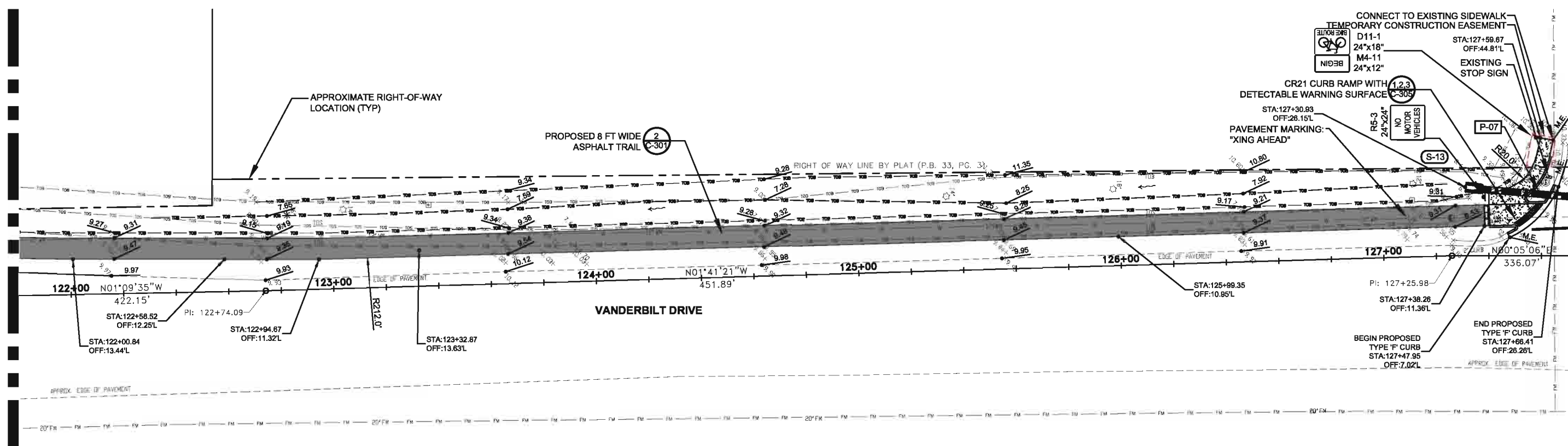
MATCH LINE STA 115+92

MATCH LINE STA 121+82



MATCH LINE STA 121+82

MATCH LINE STA 127+72



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| | |
|---------|---|
| CLIENT | COLLIER COUNTY |
| PROJECT | VANDERBILT DRIVE GREENWAY PROJECT COLLIER COUNTY, FLORIDA |

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| TASK | SITE, GRADING AND DRAINAGE PLAN |
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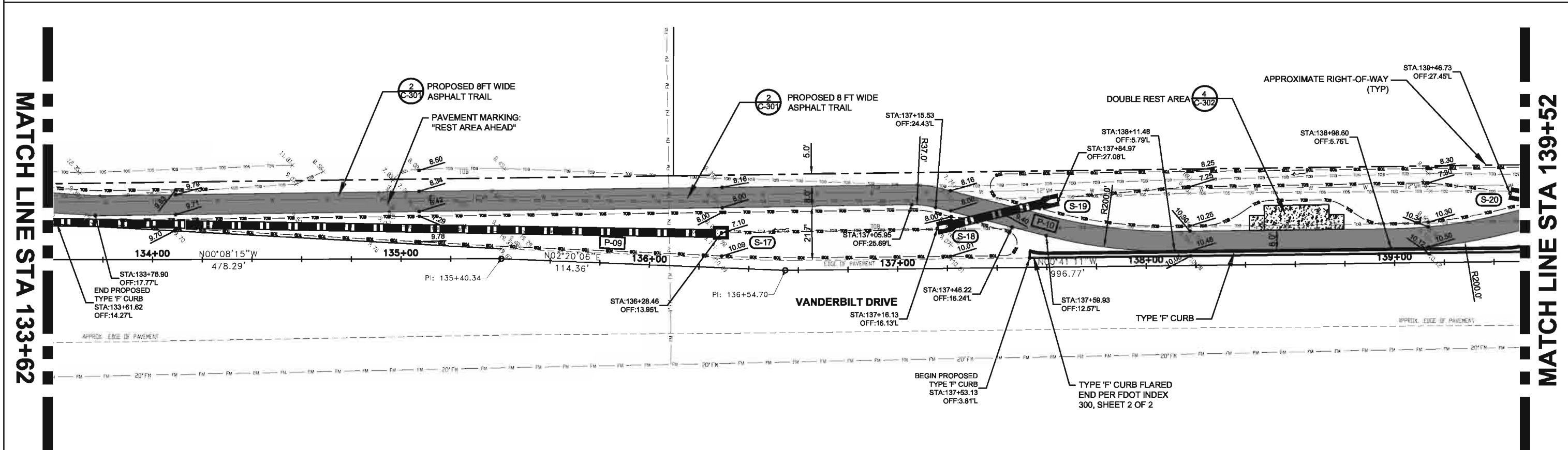
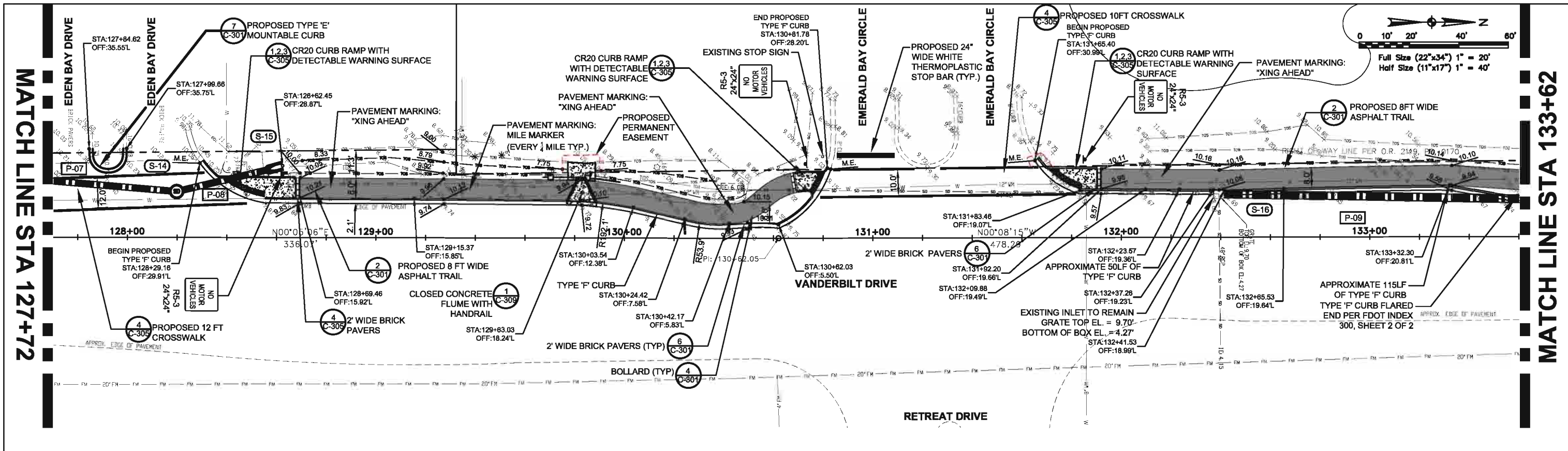
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| ORIGINAL DATE: | 11/17/09 |
| REVISIONS: | 1. _____ 2. _____ 3. _____ 4. _____ 5. _____ |

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Jarivette Vélaz Cuadrado, PE
FL# 72935

JOB NO. 100010962
DATE 11/11/2011
DESIGNED JVC
PE JVC
CHECKED MRR
QC RU / NLW
SHEET C-209

User Name: Z2180
Drawing Name: \\gpc01\cadd\proj\100010962_Vanderbilt_Drive_Roadway\Sheet\01-209 - SITE PLAN.dwg
Nov 11, 2011 - 11:57am



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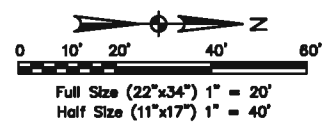
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|----------------|--------------------------------------|------------------------------------|
| CLIENT | PROJECT | TASK |
| COLLIER COUNTY | VANDERBILT DRIVE GREENWAY PROJECT | SITE, GRADING AND DRAINAGE PLAN |
| | COLLIER COUNTY, FLORIDA | |

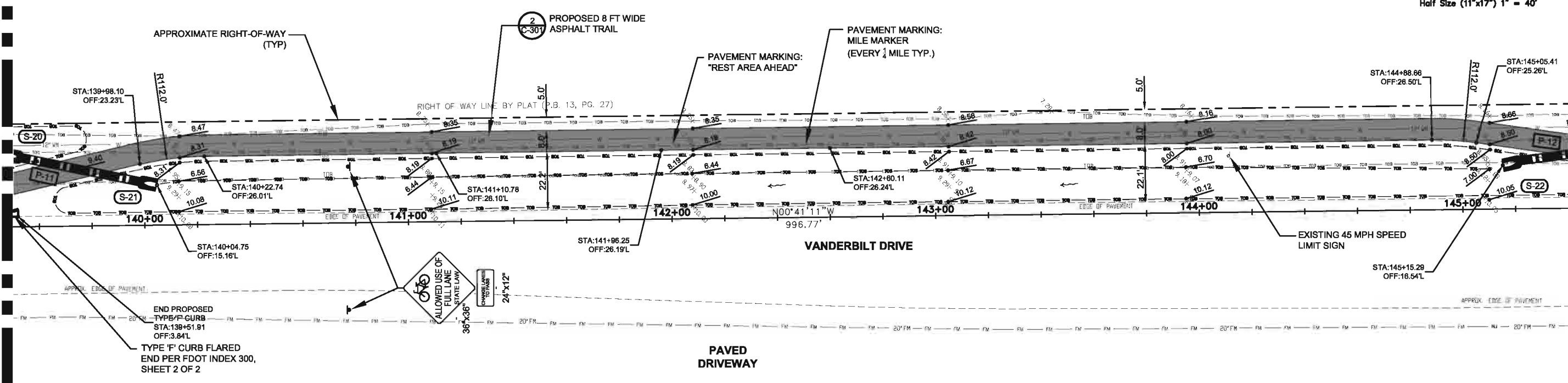
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| REVISIONS: | 7 _____ | | |
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| 3 _____ | 10 _____ | | |
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| 5 _____ | 12 _____ | | |
| | | | Jarivette Vélazquez Cuadrado, PE FL# 72935 |

User Name: Z2100
 Drawing Name: \\atkins\com\atkins\100010962_Vanderbilt_Drive_Roadway\Sheet\0-C-210 - SITE PLAN.dwg
 Nov 11, 2011 - 12:07pm



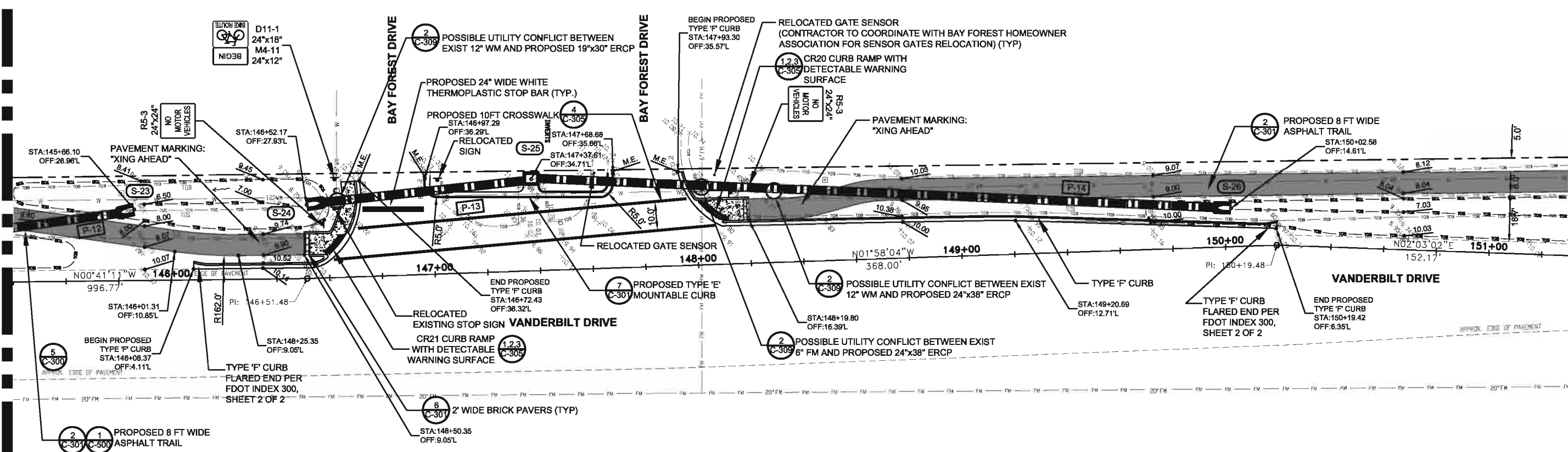
MATCH LINE STA 139+52

MATCH LINE STA 145+42



MATCH LINE STA 145+42

MATCH LINE STA 151+32



User Name: Z2180
Drawing Name: \\gpc\project\collier\100022_Vanderbilt_Drive_Roadway\Sheet\0-C-21 - SITE PLAN.dwg
Rev 11, 2011 - 2:07pm



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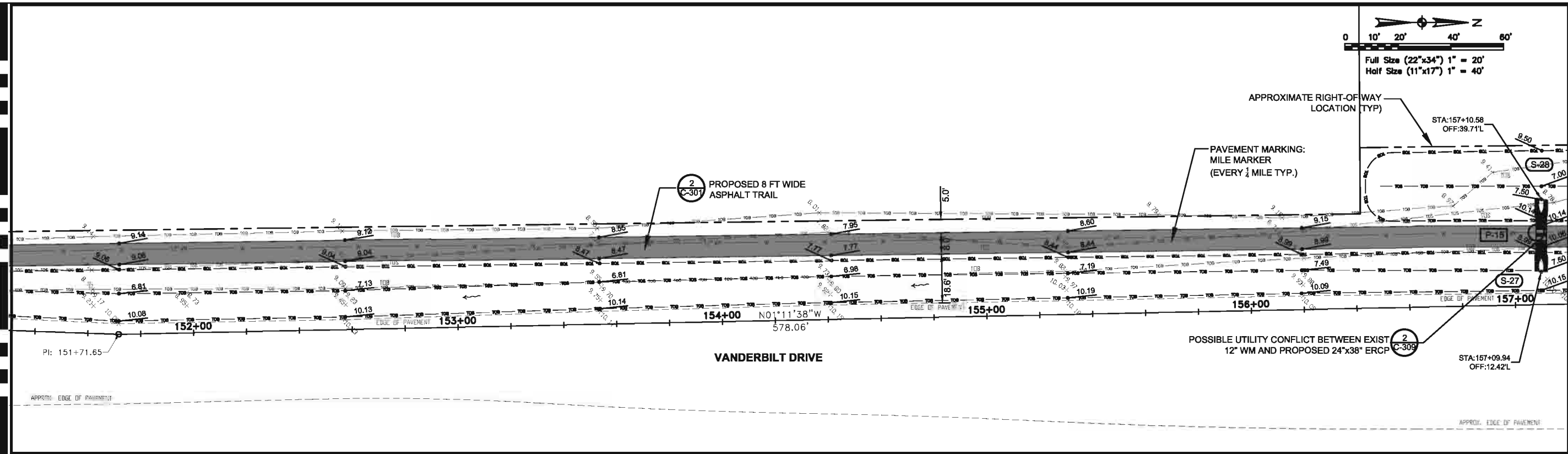
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|---------------------------------|---|---|---|--|---|
| CLIENT COLLIER COUNTY | PROJECT VANDERBILT DRIVE GREENWAY PROJECT COLLIER COUNTY, FLORIDA | TASK SITE, GRADING AND DRAINAGE PLAN | ORIGINAL DATE: 11/17/09 | 6 _____ | JOB NO. 100010962 DATE 11/17/2011 DESIGNED JVC PE JVC CHECKED MRR QC RU/NLW SHEET C-211 |
| | | | REVISIONS: | 7 _____ | |
| | | | 1 _____ 2 _____ 3 _____ 4 _____ 5 _____ | 8 _____ 9 _____ 10 _____ 11 _____ 12 _____ | |

Jarivette Vélaz Cuadrado, PE
FL# 72935

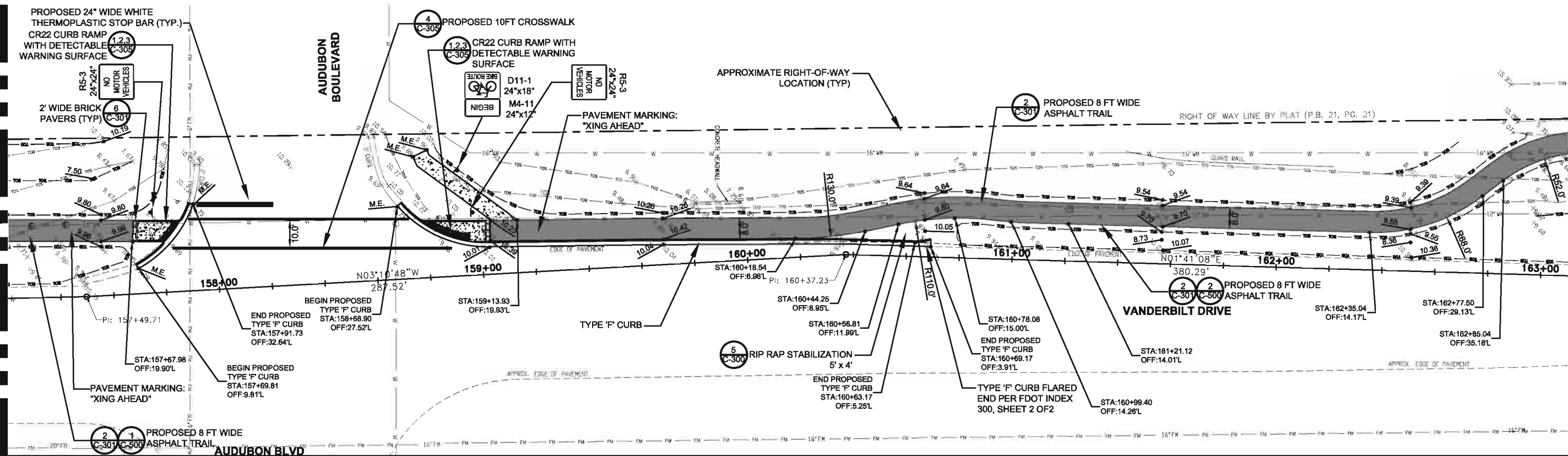
MATCH LINE STA 151+32

MATCH LINE STA 157+22



MATCH LINE STA 157+22

MATCH LINE STA 163+12



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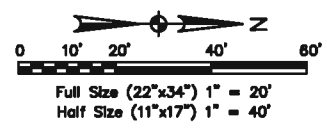
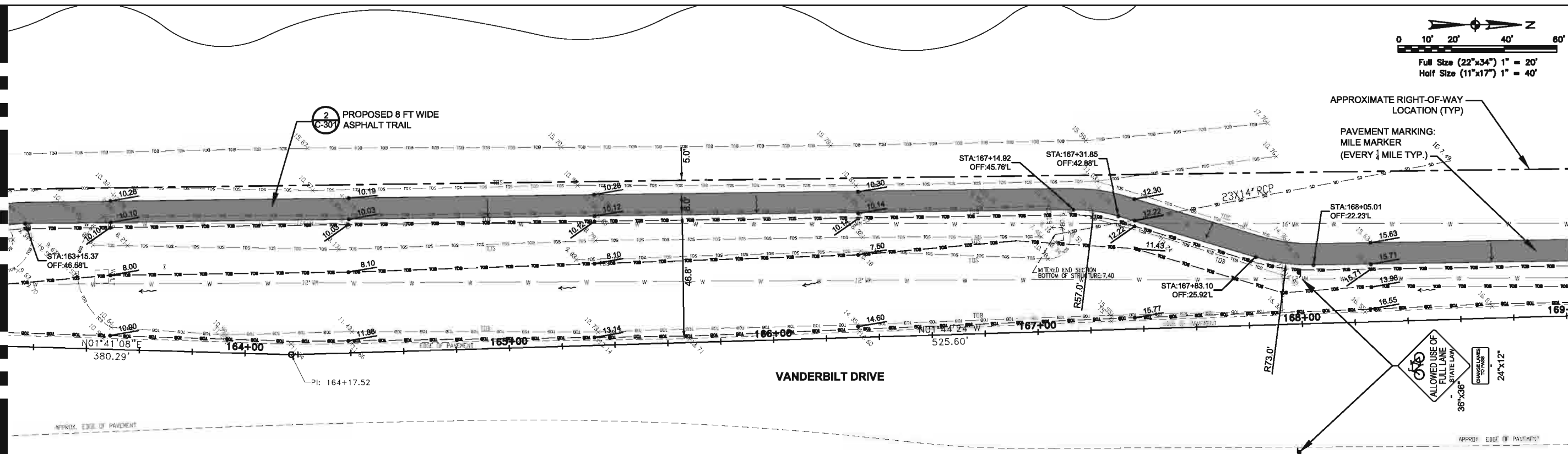
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| COLLIER COUNTY | VANDERBILT DRIVE GREENWAY PROJECT | SITE, GRADING AND DRAINAGE PLAN | REVISIONS: | 7 _____ | |
| | COLLIER COUNTY, FLORIDA | | 1 _____ | 8 _____ | |
| | | | 2 _____ | 9 _____ | |
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| | | | 4 _____ | 11 _____ | |
| | | | 5 _____ | 12 _____ | |

Jarivette Vélaz Cuadrado, PE
FL# 72935

User Name: Z2180
 Drawing Name: \\atkins\com\atkins\projects\100010962_Vanderbilt_Drive_Roadway\Sheet\0-C-212 - SITE PLAN.dwg
 Nov 11, 2011 - 2:10pm

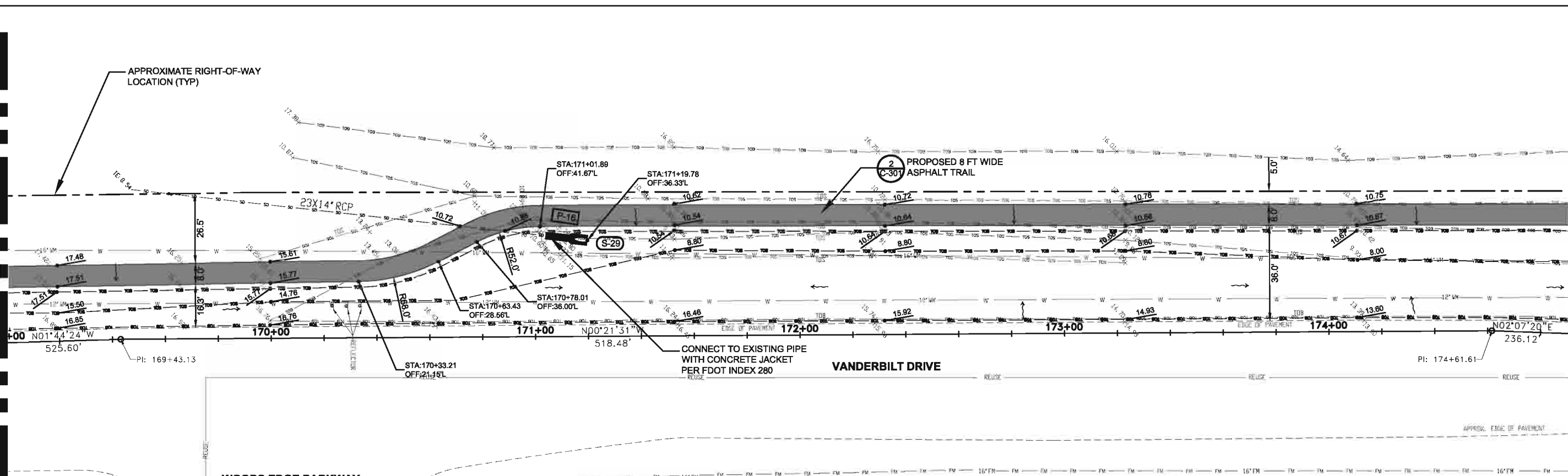
MATCH LINE STA 163+12

MATCH LINE STA 169+02



MATCH LINE STA 169+02

MATCH LINE STA 174+92



User Name: Z2180
 Drawing Name: \\gpc\proj\cadd\100010962_Vanderbilt_Drive_Roadway\Sheet\C-213 - SITE PLAN.dwg
 Mar 11, 2011 - 2:10pm

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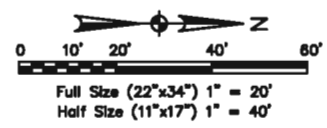
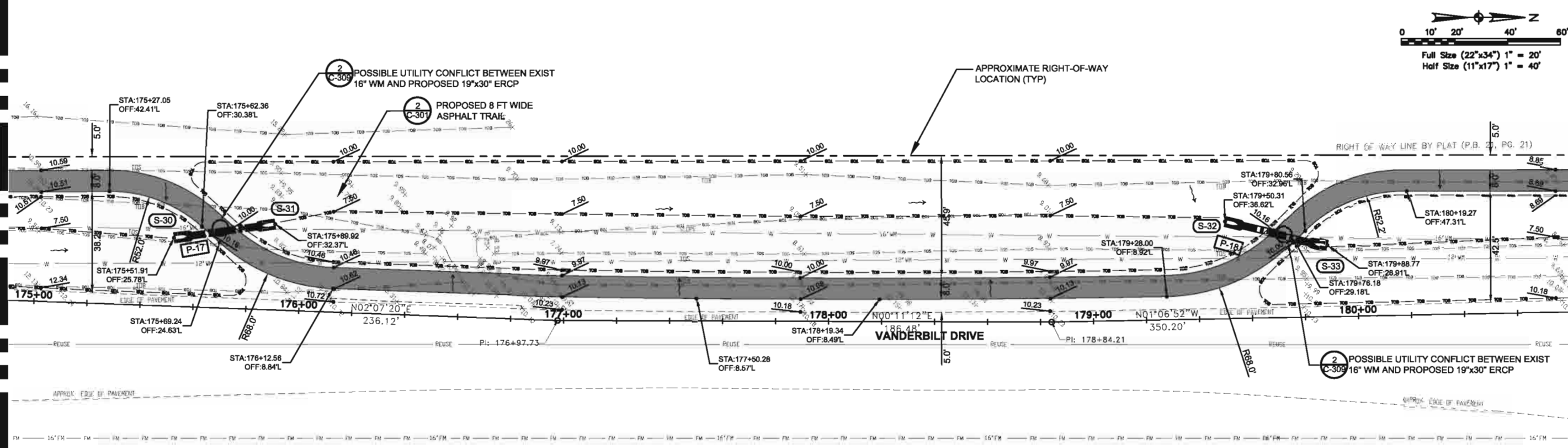
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| | | | | | |
|---------------------------------|---|---|---|--|---|
| CLIENT COLLIER COUNTY | PROJECT VANDERBILT DRIVE GREENWAY PROJECT COLLIER COUNTY, FLORIDA | TASK SITE, GRADING AND DRAINAGE PLAN | ORIGINAL DATE: 11/17/09 | 6 _____ | JOB NO. 100010962 DATE 11/11/2011 DESIGNED JVC PE JVC CHECKED MRR QC RU / NLW SHEET C-213 |
| | | | REVISIONS: | 7 _____ | |
| | | | 1 _____ 2 _____ 3 _____ 4 _____ 5 _____ | 8 _____ 9 _____ 10 _____ 11 _____ 12 _____ | |

Jarivette Vélaz Cuadrado, PE
FL# 72935

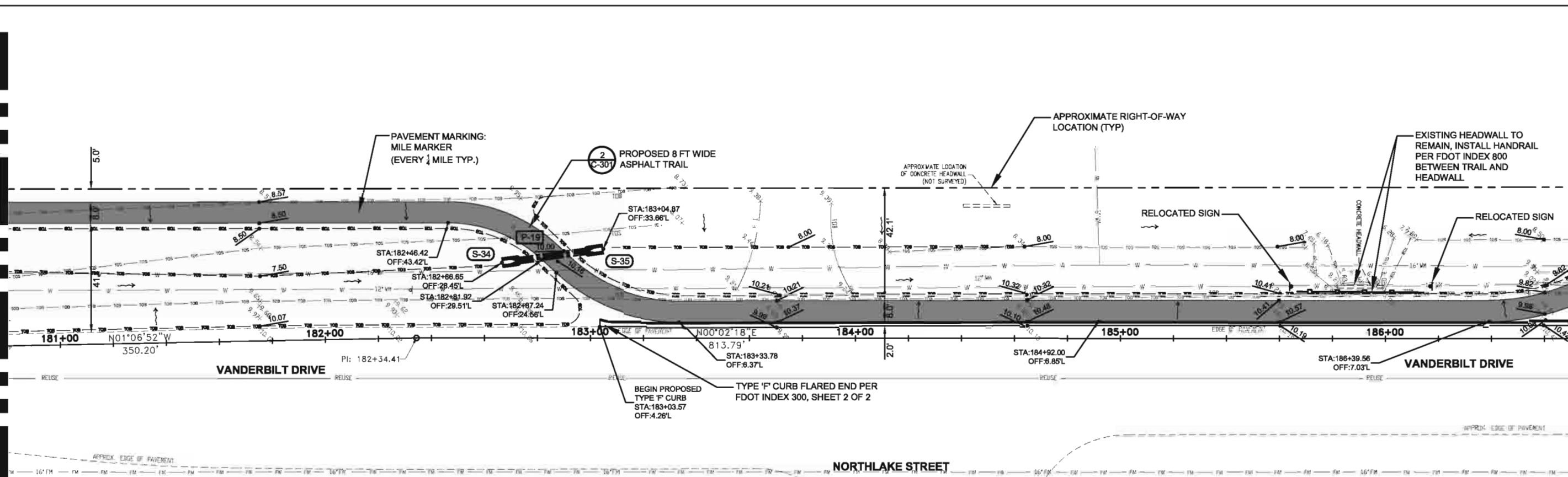
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MATCH LINE STA 180+82



MATCH LINE STA 180+82

MATCH LINE STA 186+72



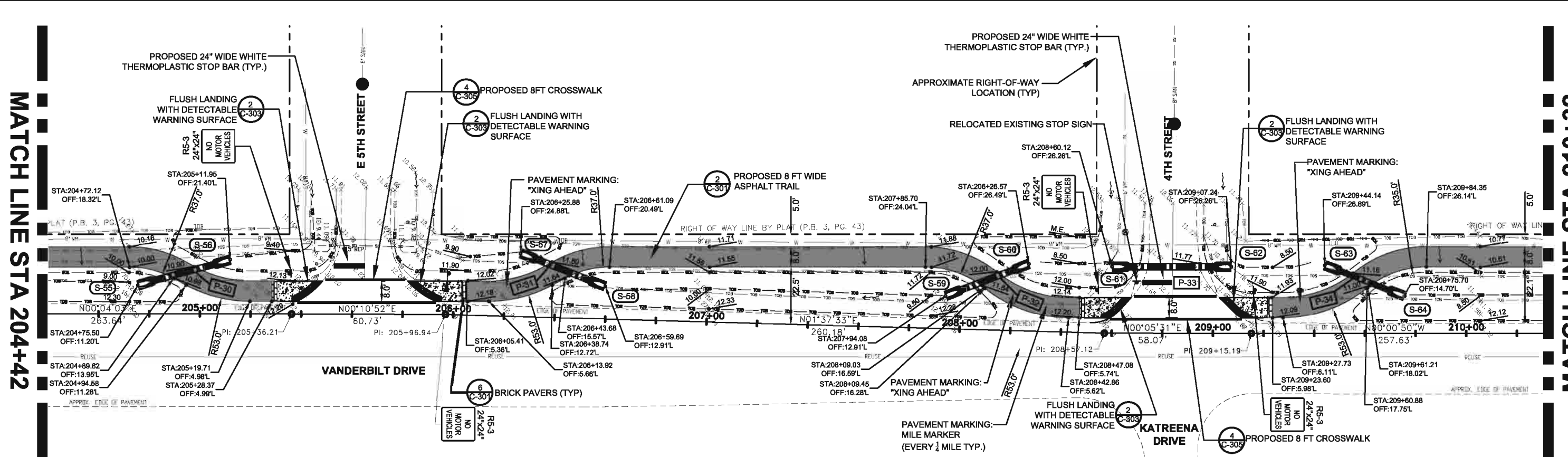
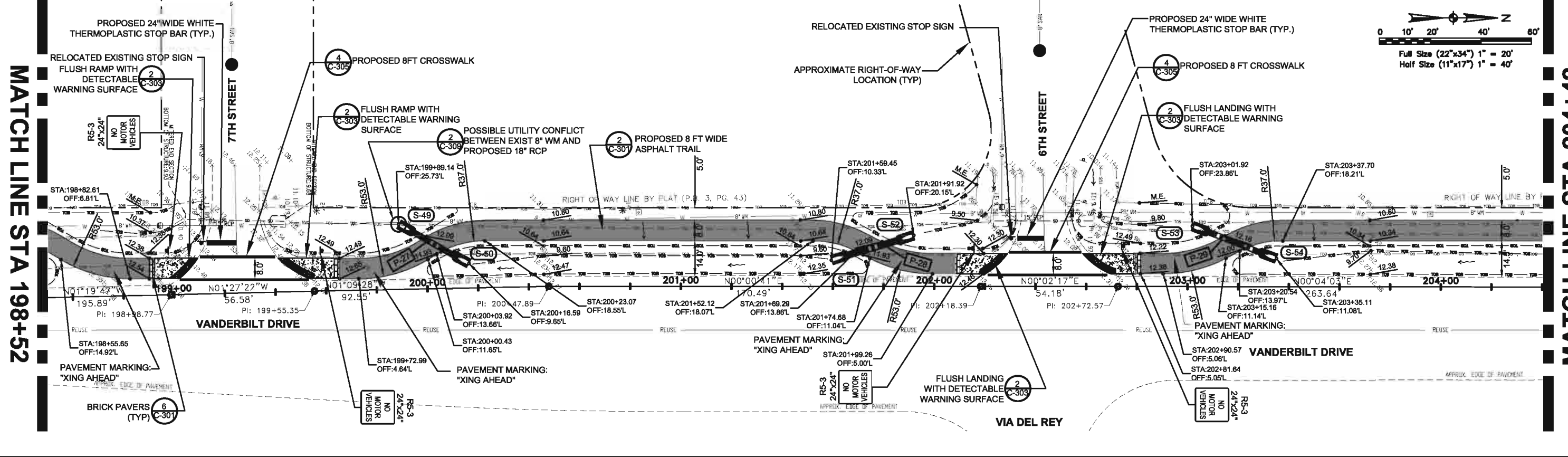
User Name: Z2180
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 Date: 11/11/2011 2:14pm

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| | | | | | |
|---------------------------------|---|---|---|---|---|
| CLIENT COLLIER COUNTY | PROJECT VANDERBILT DRIVE GREENWAY PROJECT COLLIER COUNTY, FLORIDA | TASK SITE, GRADING AND DRAINAGE PLAN | ORIGINAL DATE: 11/17/09 | 6 _____ | JOB NO. 100010962 DATE 11/11/2011 DESIGNED JVC PE JVC CHECKED MRR QC RU/NLW SHEET C-214 |
| | | | REVISIONS: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____ | 7 _____ | |
| | | | 8 _____ 9 _____ 10 _____ 11 _____ 12 _____ | Jarivette Vélez Cuadrado, PE FL# 72935 | |

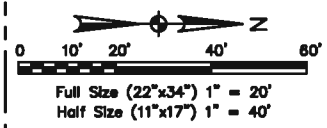
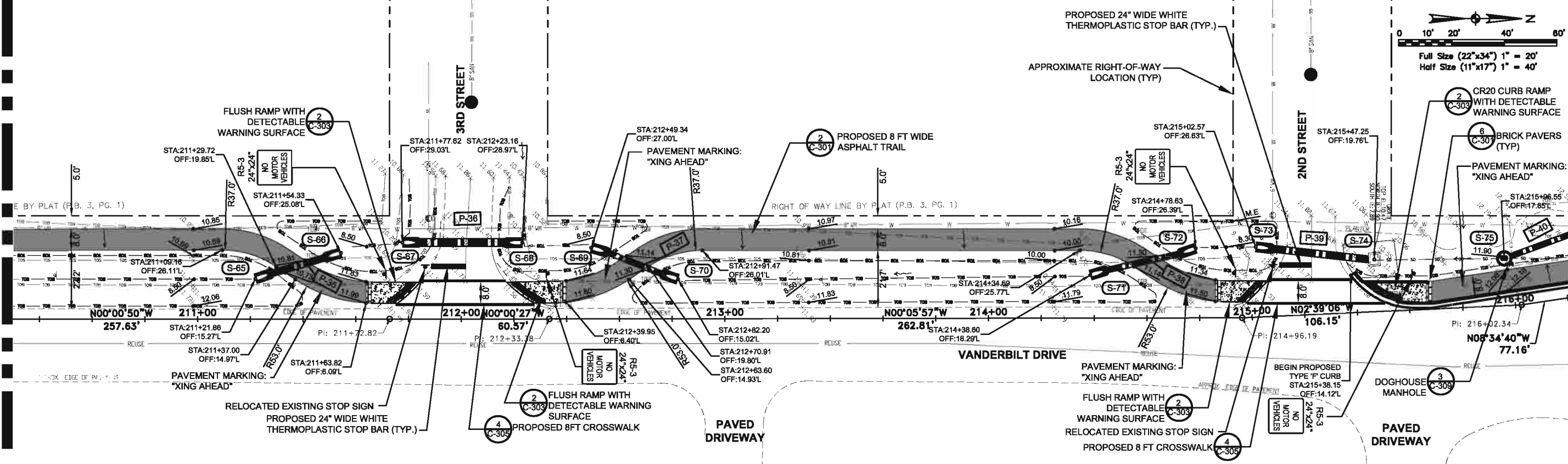


| | | | | | | |
|--|----------------|--------------------------------------|------------------------------------|-------------------------|---------|---|
| <p>101 Arthur Andersen Parkway, Suite 260 Sarasota, Florida 34232 Ph. (941) 378-0272 Fax. (941) 371-7297 www.atkinsglobal.com/northamerica</p> <p>Atkins, North America (Principal Address) 4030 W. Boy Scout Boulevard Suite 700, Tampa, FL 33607 FBPR Certificate of Authorization No.: 24</p> | CLIENT | PROJECT | TASK | ORIGINAL DATE: 11/17/09 | 6 _____ | JOB NO. 100010962 DATE 11/11/2011 DESIGNED JVC PE JVC CHECKED MRR QC RU / NLW SHEET C-216 |
| | COLLIER COUNTY | VANDERBILT DRIVE GREENWAY PROJECT | SITE, GRADING AND DRAINAGE PLAN | REVISIONS: | 7 _____ | |
| | | COLLIER COUNTY, FLORIDA | | 1 _____ | 8 _____ | |
| | | | | 2 _____ | 9 _____ | |
| | | | 3 _____ | 10 _____ | | |
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| | | | 5 _____ | 12 _____ | | |

Nov 11, 2011 - 2:28pm
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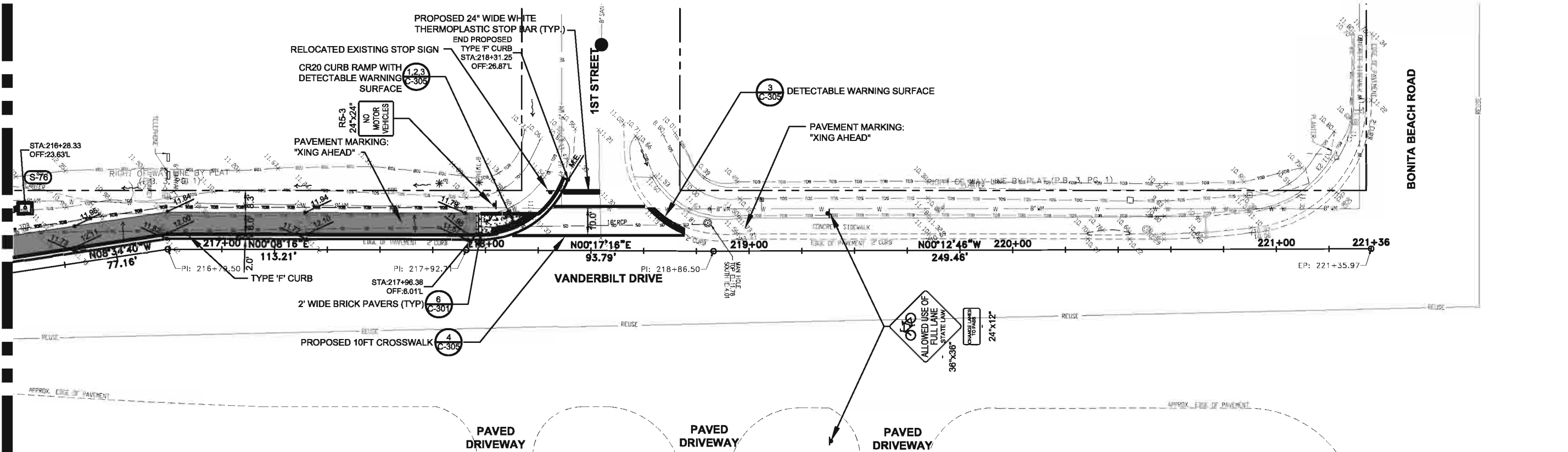
MATCH LINE STA 210+32

MATCH LINE STA 216+22



MATCH LINE STA 216+22

BONITA BEACH ROAD



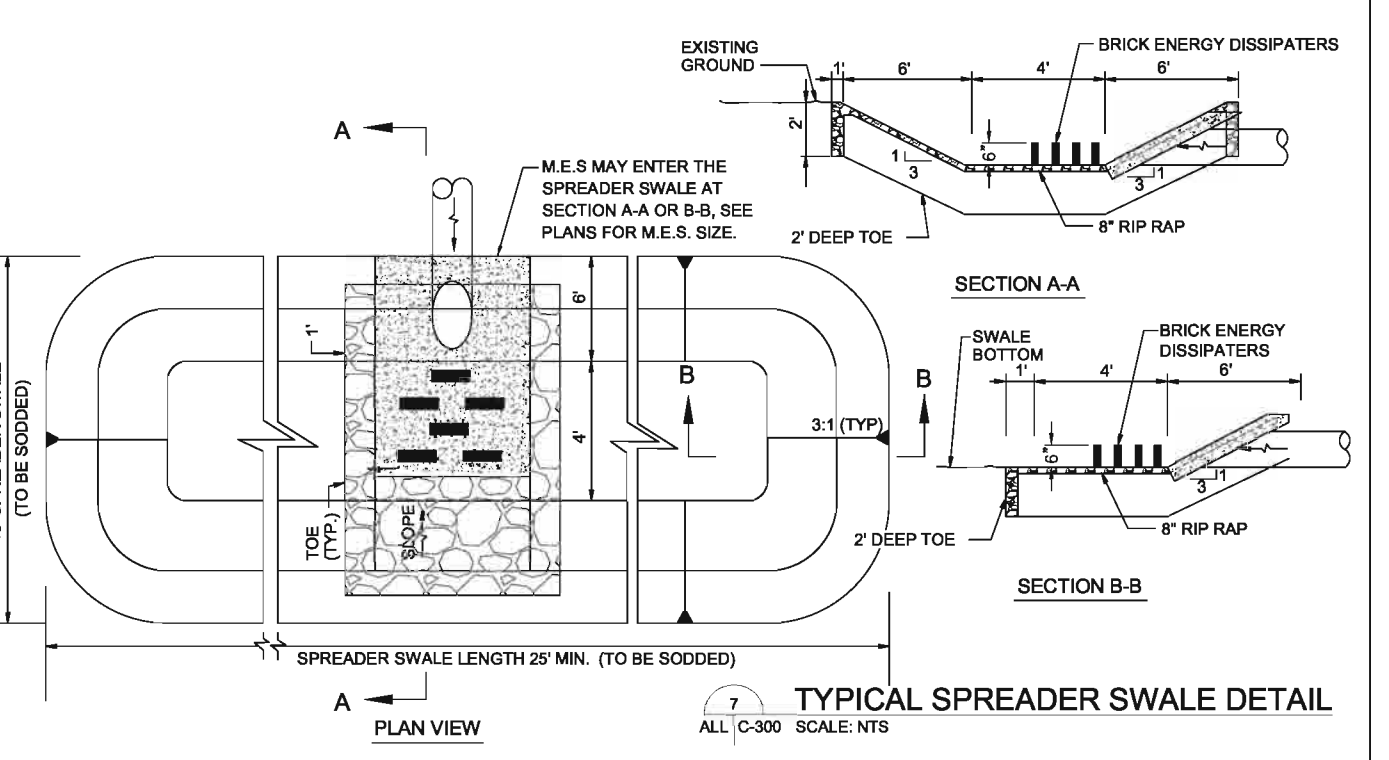
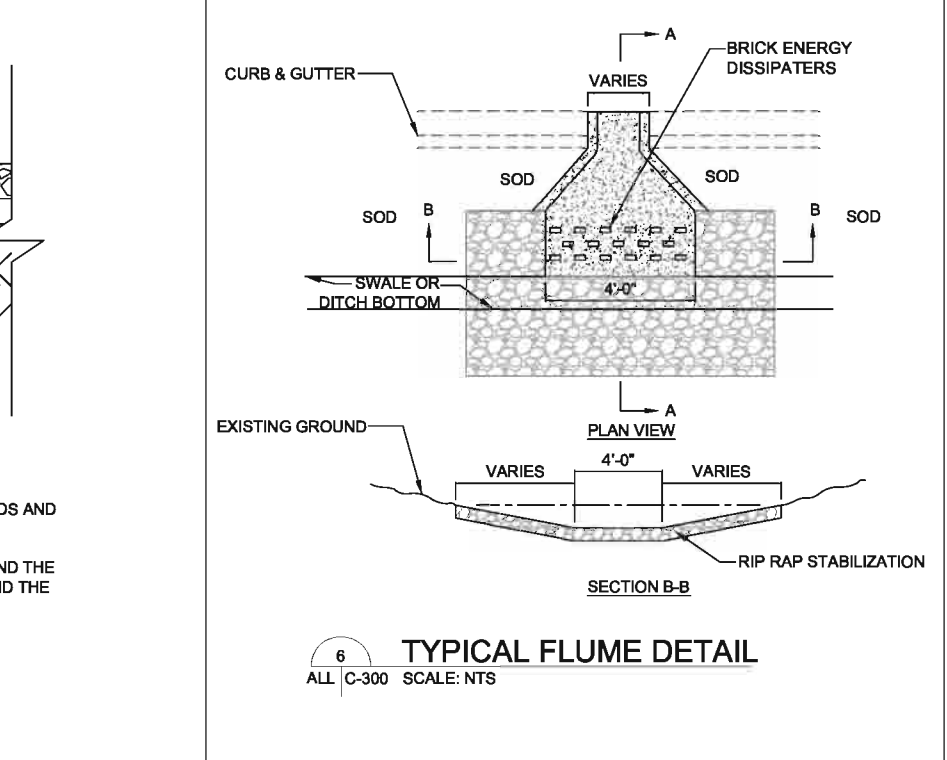
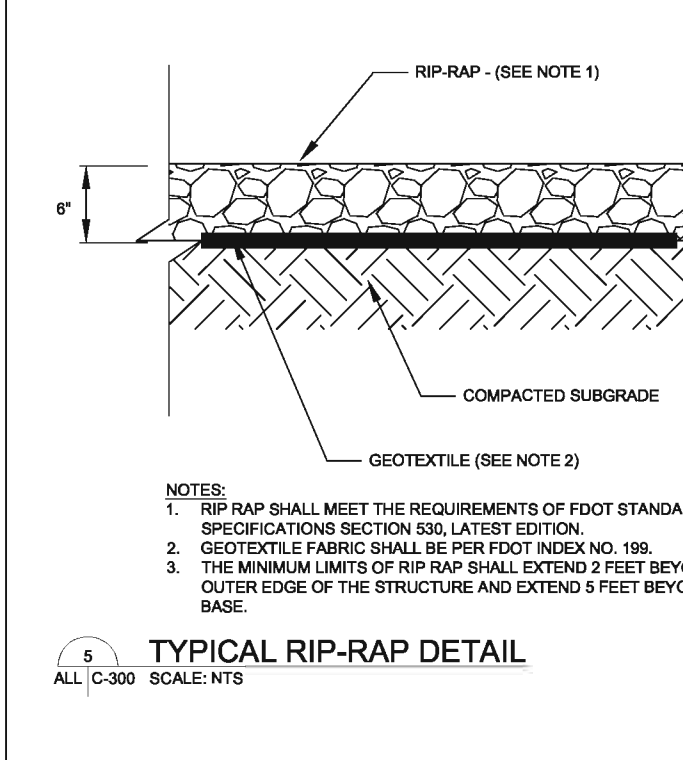
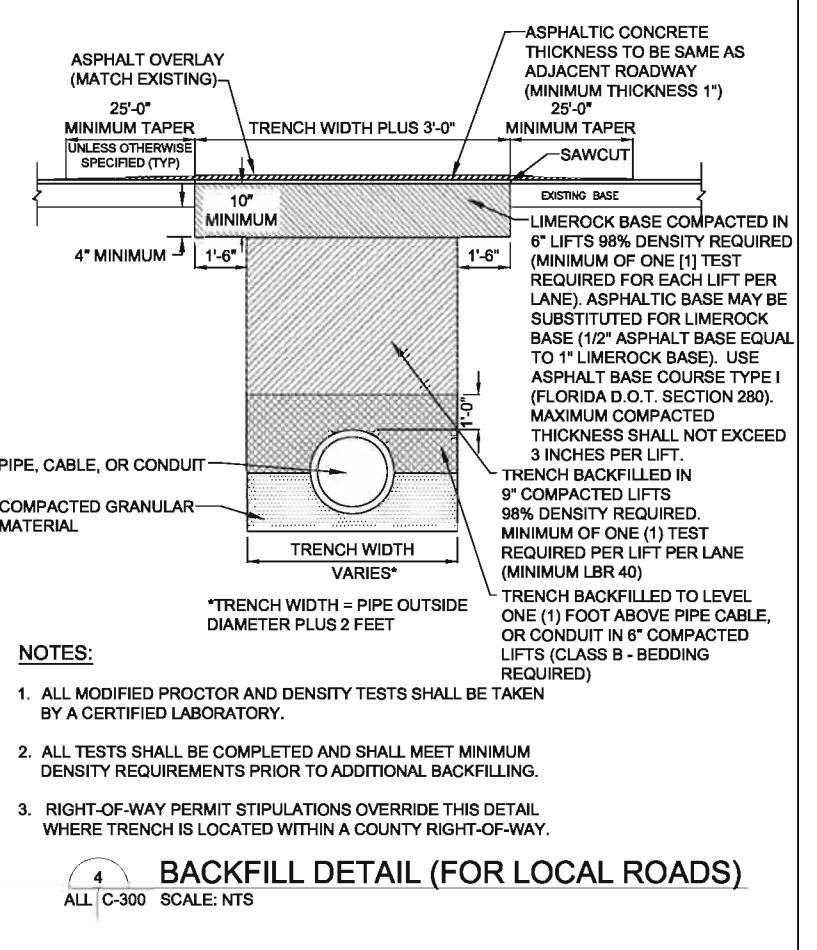
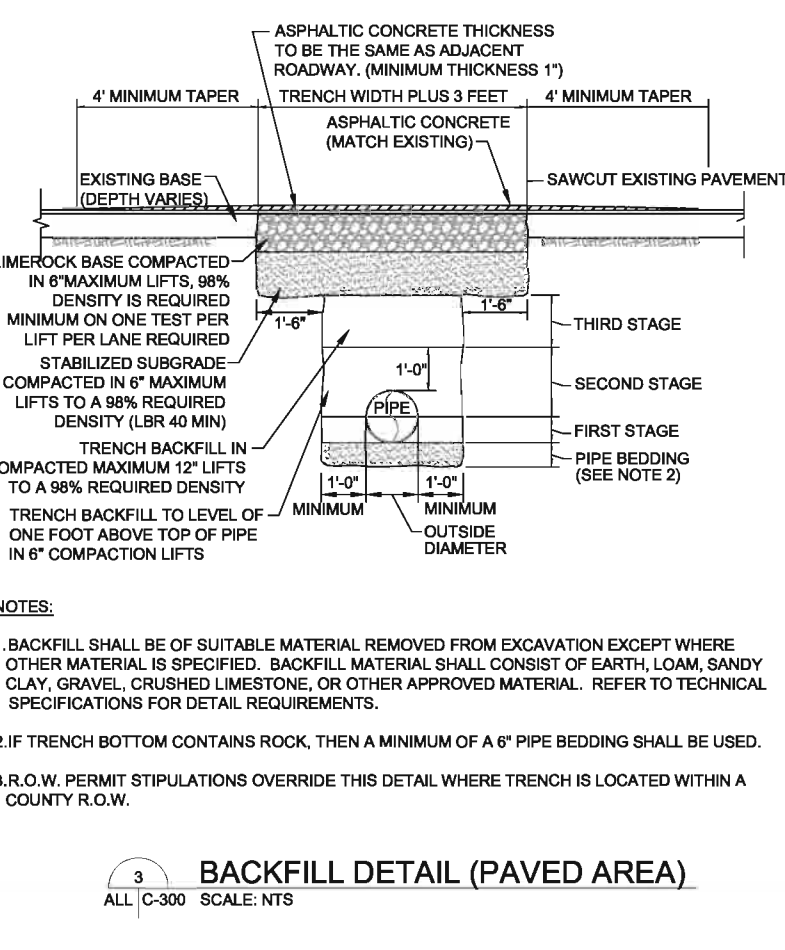
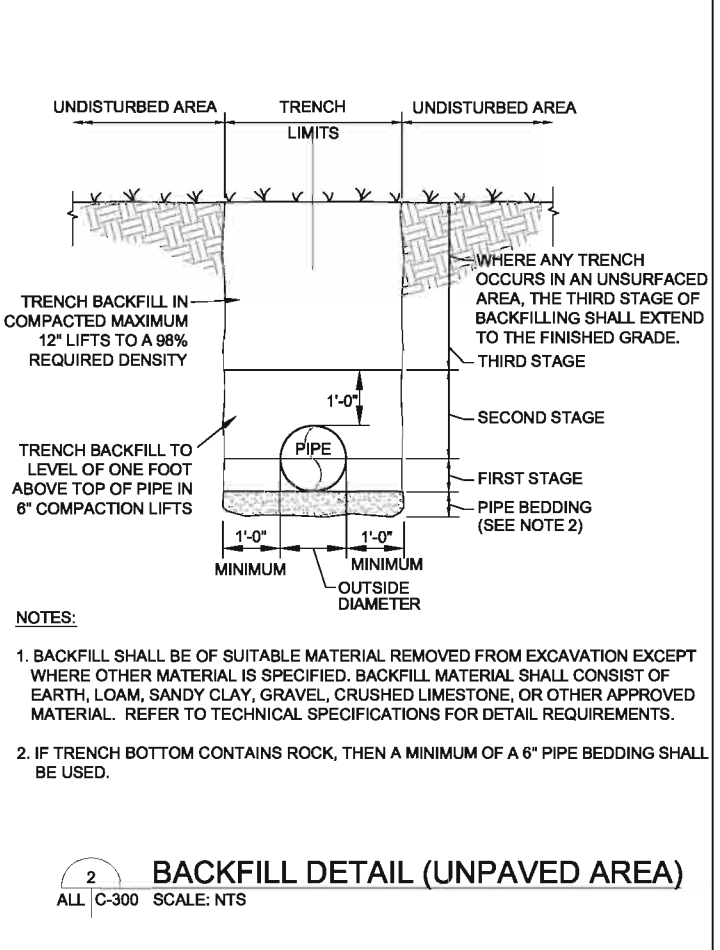
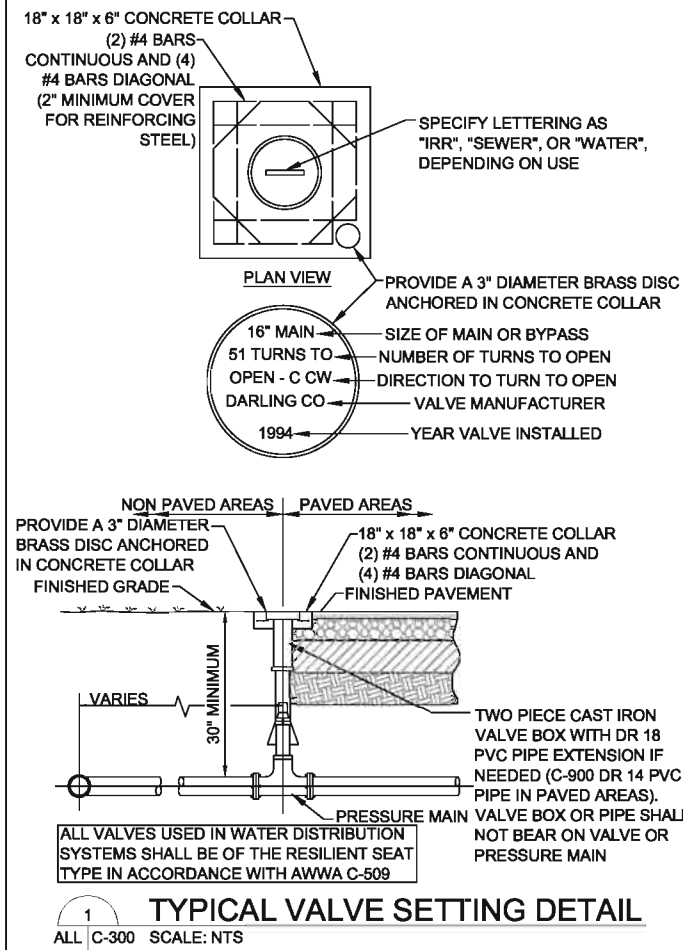
User Name: Z2180
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 Date: 11/11/2011 11:22am



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| | | | | | |
|----------------|--------------------------------------|------------------------------------|-------------------------|----------|---|
| CLIENT | PROJECT | TASK | ORIGINAL DATE: 11/17/09 | 6 _____ | JOB NO. 100010962 DATE 11/11/2011 DESIGNED JVC PE JVC CHECKED MRR QC RU / NLW SHEET C-217 |
| COLLIER COUNTY | VANDERBILT DRIVE GREENWAY PROJECT | SITE, GRADING AND DRAINAGE PLAN | REVISIONS: | 7 _____ | |
| | COLLIER COUNTY, FLORIDA | | 1 _____ | 8 _____ | |
| | | | 2 _____ | 9 _____ | |
| | | | 3 _____ | 10 _____ | |
| | | | 4 _____ | 11 _____ | |
| | | | 5 _____ | 12 _____ | |

Jarivette Vélaz Cuadrado, PE
FL# 72935



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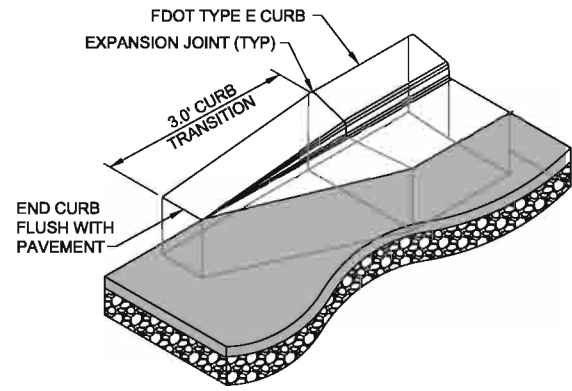
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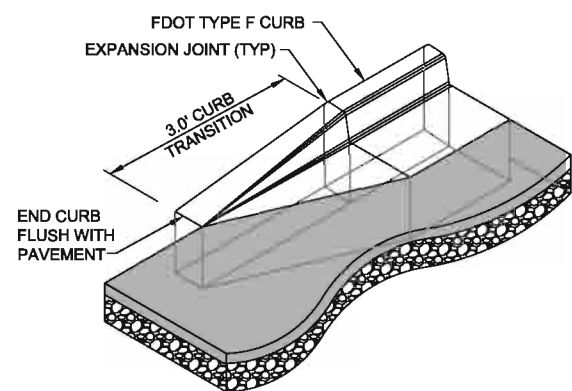
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| CLIENT | PROJECT | TASK |
| COLLIER COUNTY | VANDERBILT DRIVE GREENWAY PROJECT COLLIER COUNTY, FLORIDA | CONSTRUCTION DETAILS |

| | | |
|-------------------------|----|---|
| ORIGINAL DATE: 11/17/09 | 6 | JOB NO. 100010962 DATE 11/11/2011 DESIGNED JVC PE JVC CHECKED MRR QC RU / NLW SHEET C-300 |
| REVISIONS: | 7 | |
| 1 | 8 | |
| 2 | 9 | |
| 3 | 10 | |
| 4 | 11 | Jarivette Vélez Cuadrado, PE FL# 72835 |
| 5 | 12 | |

User Name: Z2190
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 Nov 11, 2011 - 2:25pm

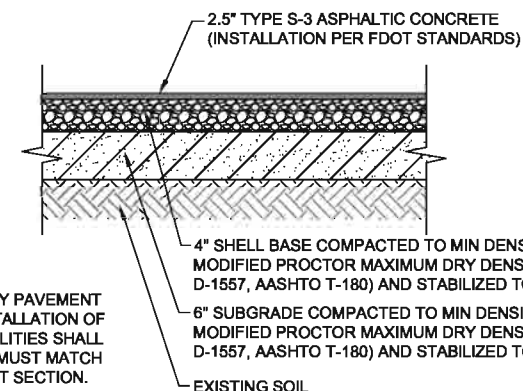


FDOT TYPE E CURB TERMINATION



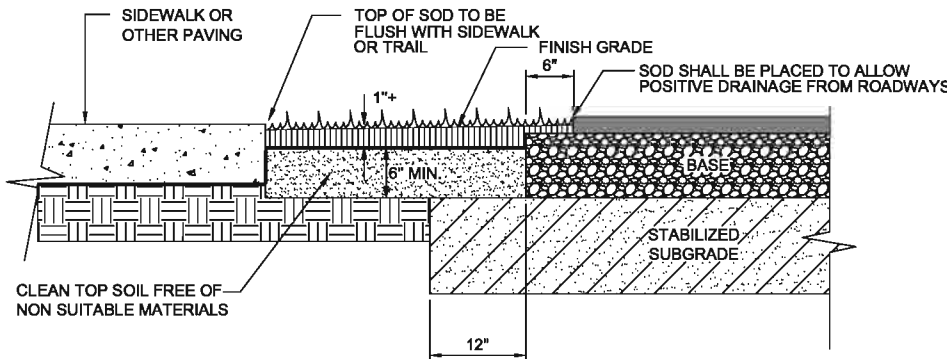
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1 TYPICAL ONSITE PAVEMENT SECTION
ALL C-301 SCALE: NTS

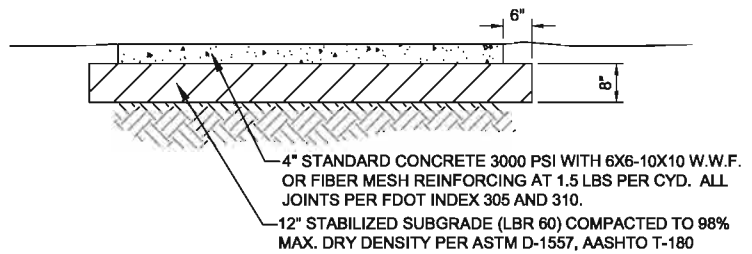


NOTES:
 1. EXISTING ROADWAY PAVEMENT REMOVED FOR INSTALLATION OF UNDERGROUND UTILITIES SHALL BE REPLACED AND MUST MATCH EXISTING PAVEMENT SECTION.
 2.5" TYPE S-3 ASPHALTIC CONCRETE (INSTALLATION PER FDOT STANDARDS)
 4" SHELL BASE COMPACTED TO MIN DENSITY OF 98% MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D-1557, AASHTO T-180) AND STABILIZED TO LBR 100.
 6" SUBGRADE COMPACTED TO MIN DENSITY OF 98% MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D-1557, AASHTO T-180) AND STABILIZED TO MIN LBR 40.
 EXISTING SOIL

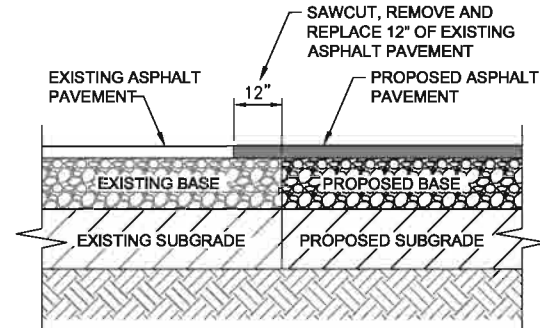
2 TYPICAL ONSITE TRAIL PAVEMENT SECTION
ALL C-301 SCALE: NTS



3 SODDING DETAIL
ALL C-406 SCALE: NTS

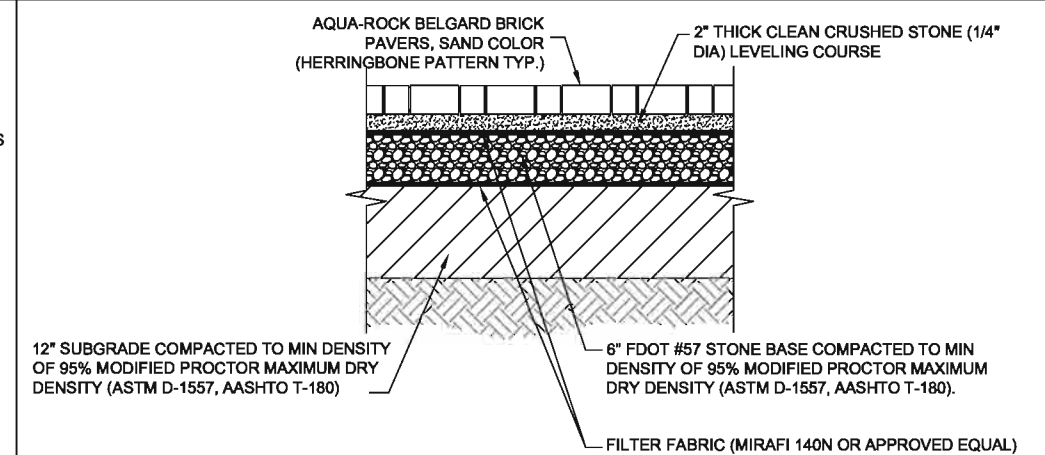


4 CONCRETE SIDEWALK
ALL C-301 SCALE: NTS

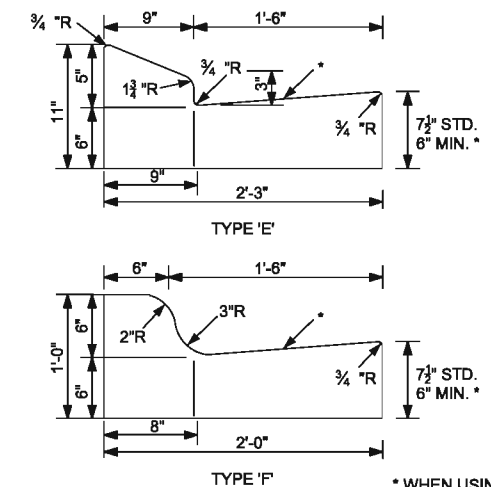
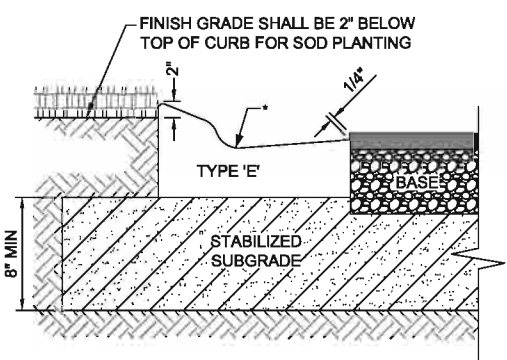


NOTES:
 1. PROVIDE ASPHALT SPLICE AT ALL TRANSITIONS BETWEEN NEW AND EXISTING PAVEMENT SECTIONS.
 2. 12-INCH MINIMUM ASPHALT REMOVAL, MAY VARY AT THE DISCRETION OF THE OWNER'S REPRESENTATIVE. (MAYBE MORE BUT NOT LESS THAN 12 INCHES)
 3. RESTORE EXISTING BASE TO ORIGINAL CONDITION OR BETTER.

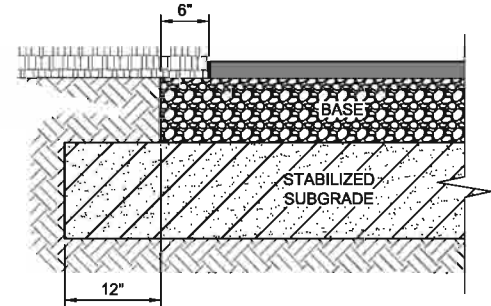
5 ASPHALT PAVEMENT SPLICE
ALL C-301 SCALE: NTS



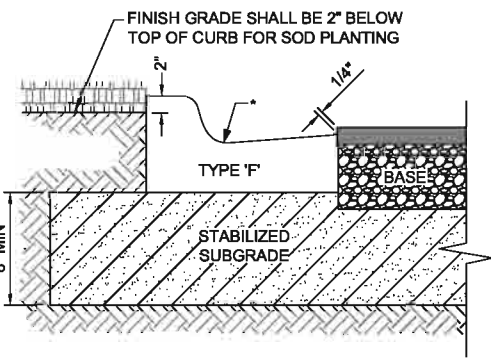
6 BRICK PAVER SECTION
ALL C-301 SCALE: NTS



7 TYPICAL CURB DETAILS (FDOT INDEX #300)
ALL C-301 SCALE: NTS



WITHOUT CURB



* WHEN USING AT HIGH SIDE OF ROADWAYS THE CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT. THE THICKNESS OF THE SLIP SHALL BE 6", UNLESS OTHERWISE SHOWN ON THE PLANS.



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CLIENT
COLLIER COUNTY

PROJECT
**VANDERBILT DRIVE
 GREENWAY PROJECT
 COLLIER COUNTY, FLORIDA**

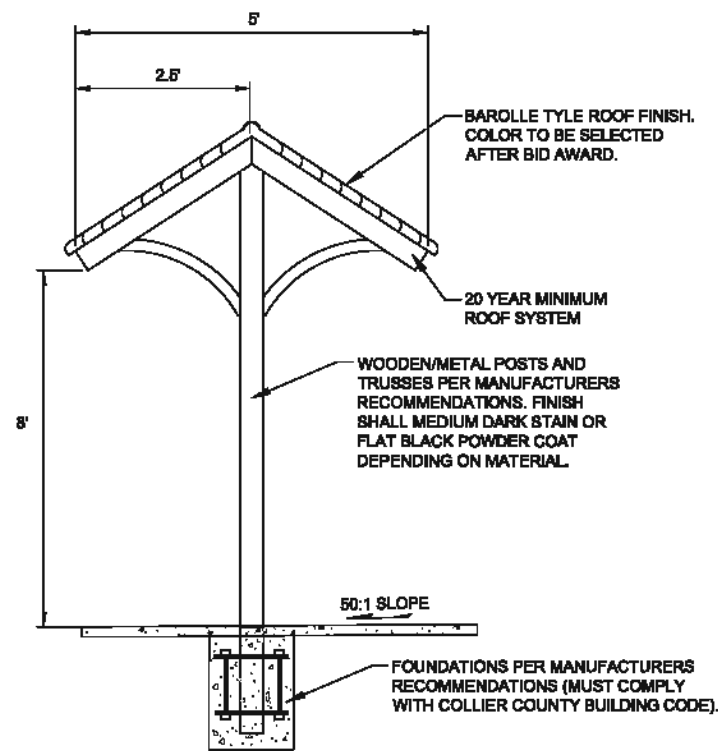
TASK
CONSTRUCTION DETAILS

| | |
|-------------------------|----|
| ORIGINAL DATE: 11/17/09 | 6 |
| REVISIONS: | 7 |
| 1 | 8 |
| 2 | 9 |
| 3 | 10 |
| 4 | 11 |
| 5 | 12 |

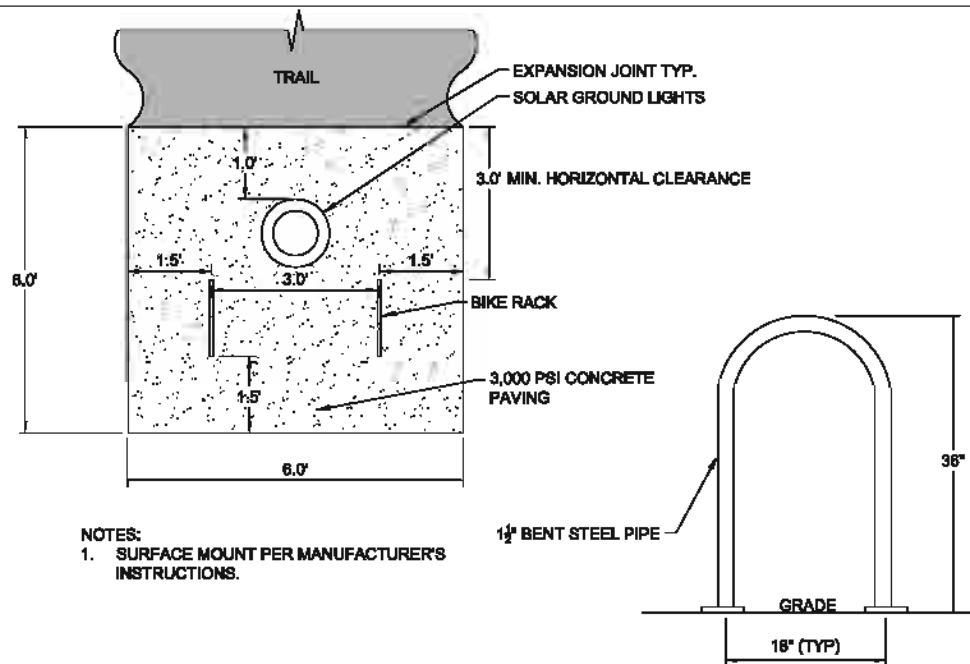
Jarivette Vélez Cuadrado, PE
 FL# 72835

JOB NO. 100010962
 DATE 11/11/2011
 DESIGNED JVC
 PE JVC
 CHECKED MRR
 QC RU / NLW
SHEET C-301

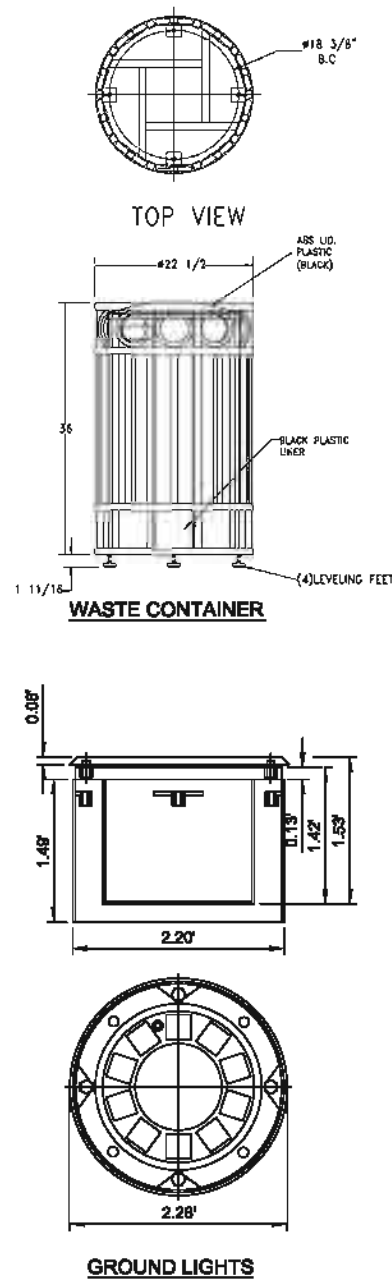
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 Nov 11, 2011 - 2:28pm



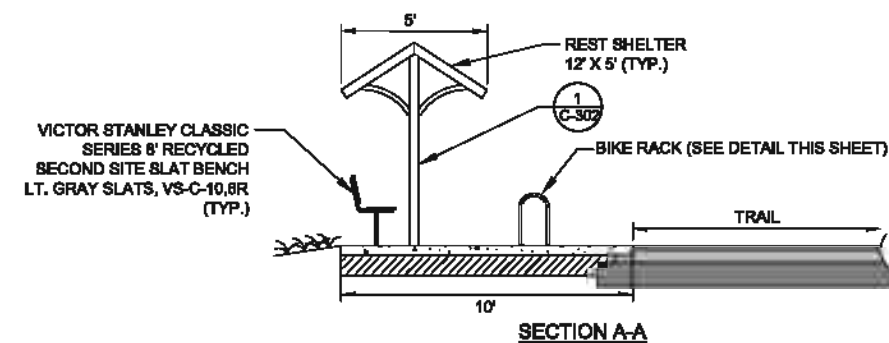
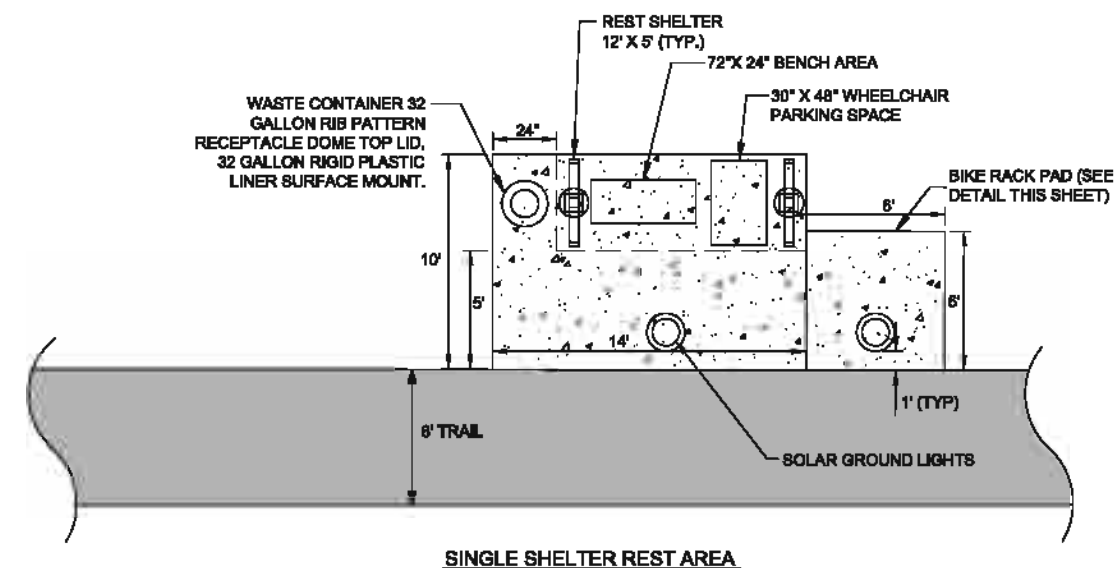
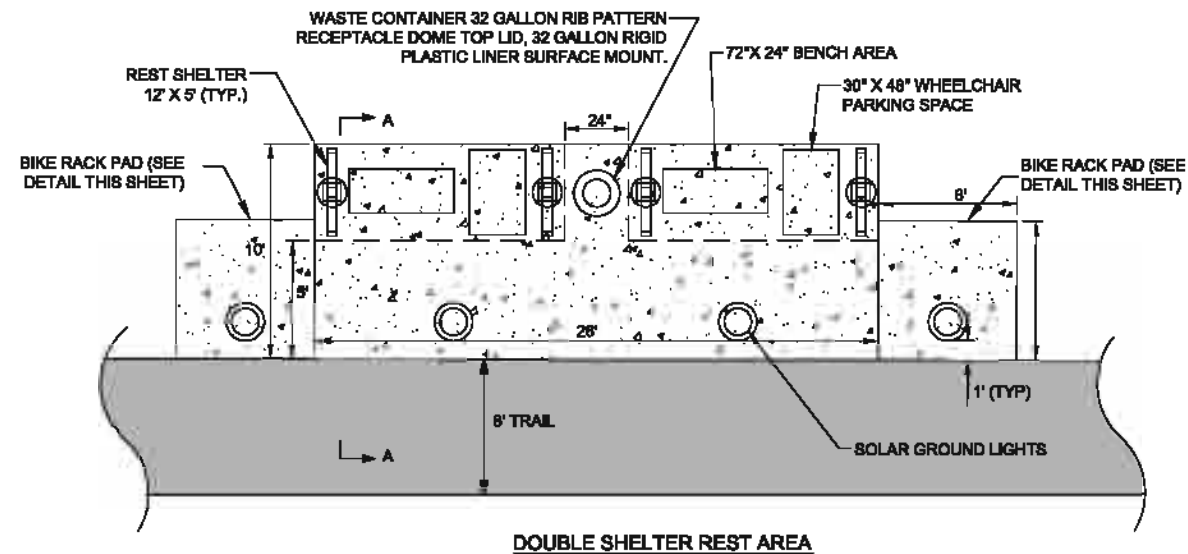
1 REST SHELTER DETAIL
ALL C-302 SCALE: NTS



2 BIKE RACK DETAIL
ALL C-302 SCALE: NTS



SOLAR POWERED CAN GROUND MOUNTED FIXTURE. 10 YEAR LIFE MINIMUM WITH STAINLESS STEEL OR CAST ALUMINUM HARD WARE AND HOUSING. VANDAL RESISTING TEMPER GLASS OUTER LENS WITH 2,500-LBS MINIMUM COMPRESSIVE RATING. IP68 RATING OR BETTER FOR DUST AND MOISTURE.



4 TYPICAL TRAIL REST AREA DETAIL
ALL C-302 SCALE: NTS

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CLIENT
COLLIER COUNTY

PROJECT
VANDERBILT DRIVE
GREENWAY PROJECT
COLLIER COUNTY, FLORIDA

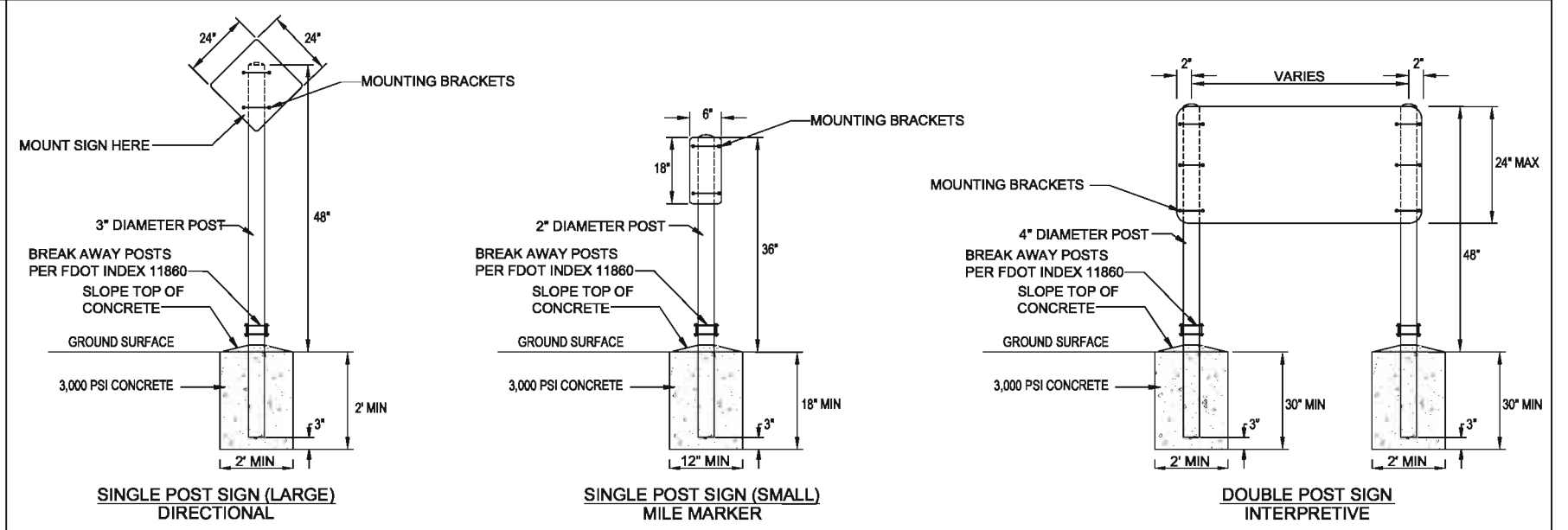
TASK
CONSTRUCTION DETAILS

ORIGINAL DATE: 11/17/09
REVISIONS:
1 _____
2 _____
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Jarvette Vázquez Cuedra, PE
FL# 72895

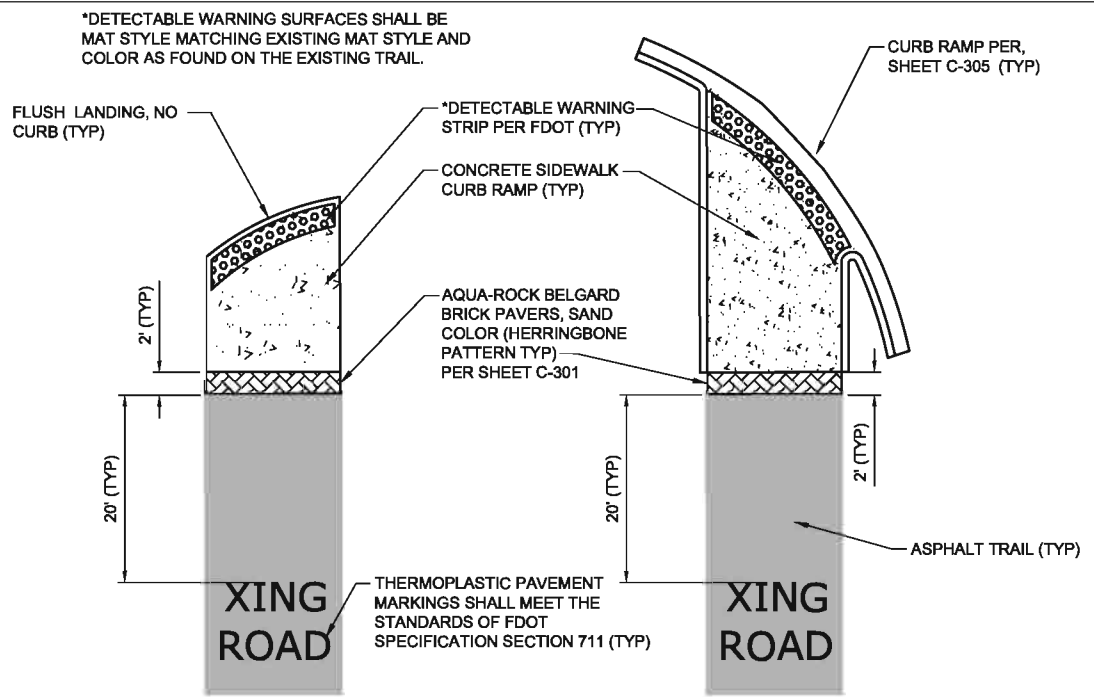
JOB NO. 100010862
DATE 11/11/2011
DESIGNED JVC
PE JVC
CHECKED MRR
QC RU/NLW
SHEET C-302



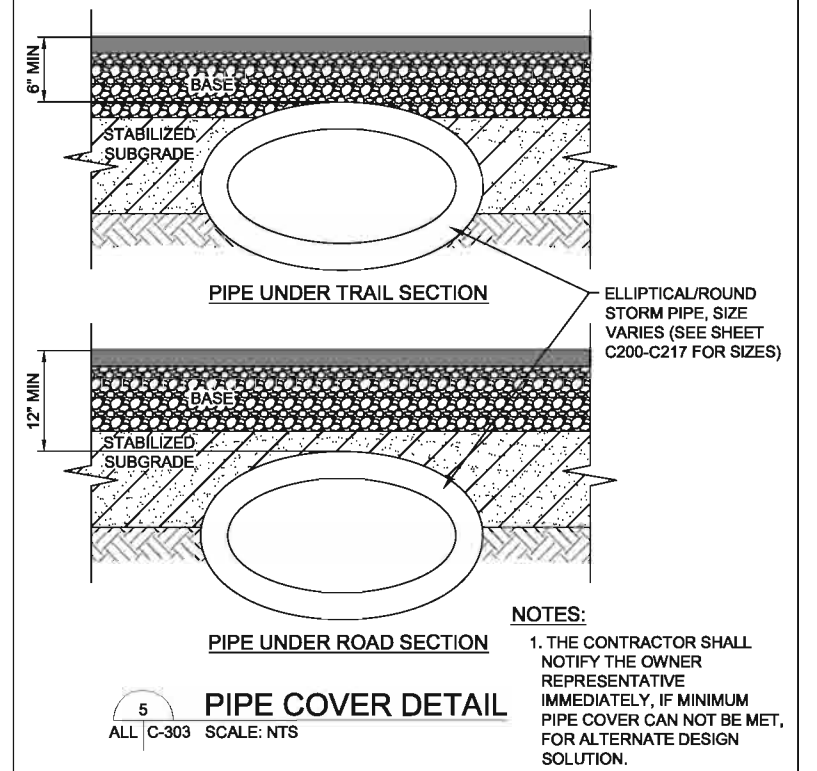
- NOTES:**
1. ALL ROADWAY SIGNS SHALL COMPLY WITH U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION'S "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", LOCAL CODES AND AS SPECIFIED. FOR MONUMENT, MILE MARKER, OR OTHER THEMED SIGNAGE MOUNT SIGNS TO POST IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
 2. SIGN MATERIAL TO BE ANODIZED ALUMINUM, 0.065" THICK, 1" RADIUS CORNERS, WITH WHITE BACKGROUND AND BLACK TEXT AT 1.5" INCHES IN HEIGHT.
 3. SIGNS SHALL BE FASTENED WITH ALUMINUM MOUNTING BRACKETS AND LOCKING HARDWARE WITH BREAKING STRENGTH GREATER THAN THE SIGN MATERIAL AND SHALL BE UTILIZED AT A MAXIMUM OF 10" SPACING ALONG THE POST. MINIMUM OF 2 BRACKETS PER SIGN PER POST.
 4. POST MATERIAL SHALL BE EXTRUDED ALUMINUM WITH A MINIMUM 0.125" THICK WALL.
 5. COLLIER COUNTY SEAL SHALL BE IMPRINTED ON EACH SIGN PANEL IN COLOR AT 3" IN DIAMETER.

1 (NOT USED)
C-303

3 TYPICAL TRAIL SIGNAGE DETAIL
ALL C-303 SCALE: NTS



2 TYPICAL TRAIL AT CROSSWALK
ALL C-303 SCALE: NTS



5 PIPE COVER DETAIL
ALL C-303 SCALE: NTS

- NOTES:**
1. THE CONTRACTOR SHALL NOTIFY THE OWNER REPRESENTATIVE IMMEDIATELY, IF MINIMUM PIPE COVER CAN NOT BE MET, FOR ALTERNATE DESIGN SOLUTION.

4 (NOT USED)
C-303

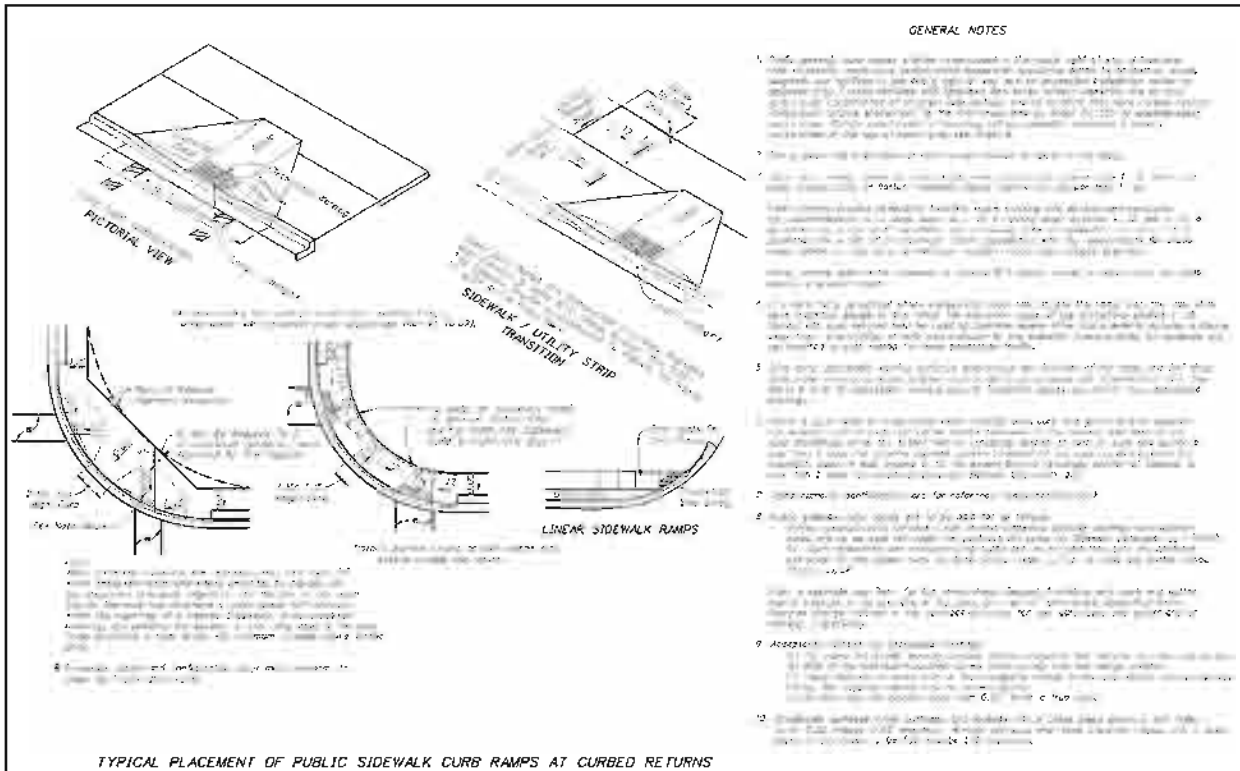
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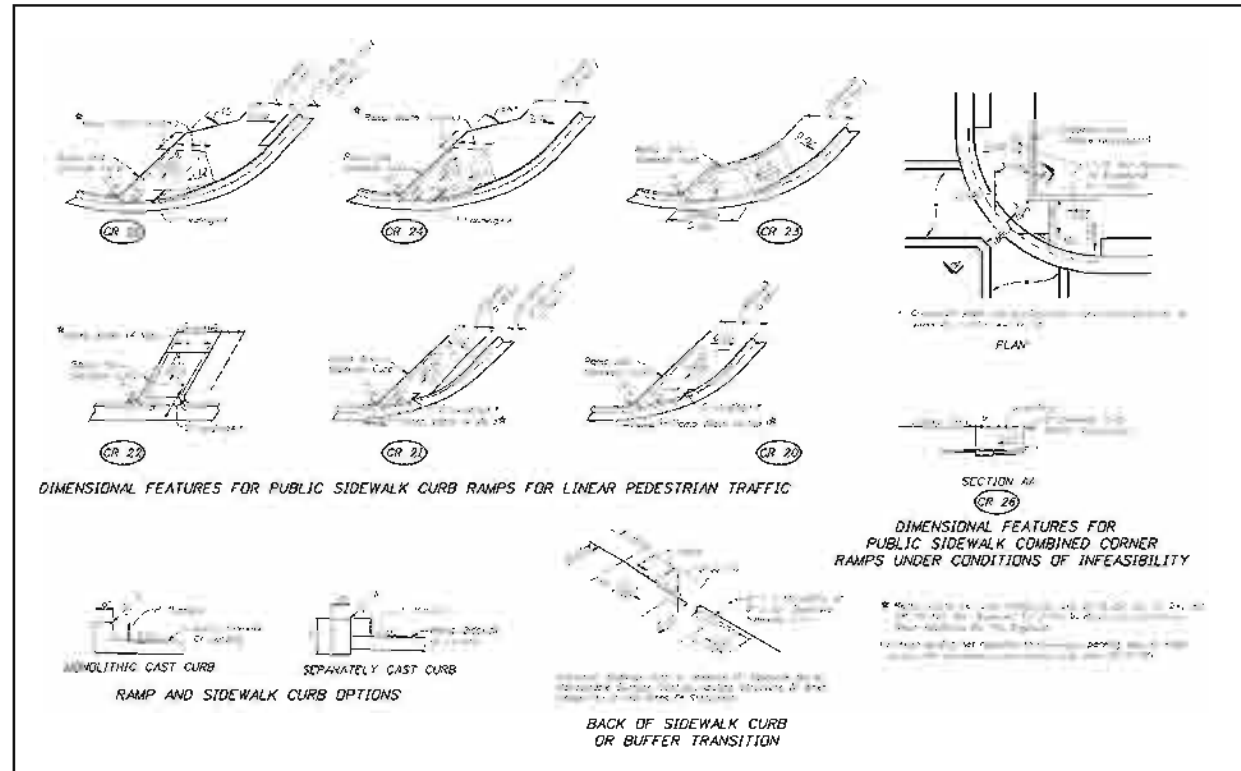
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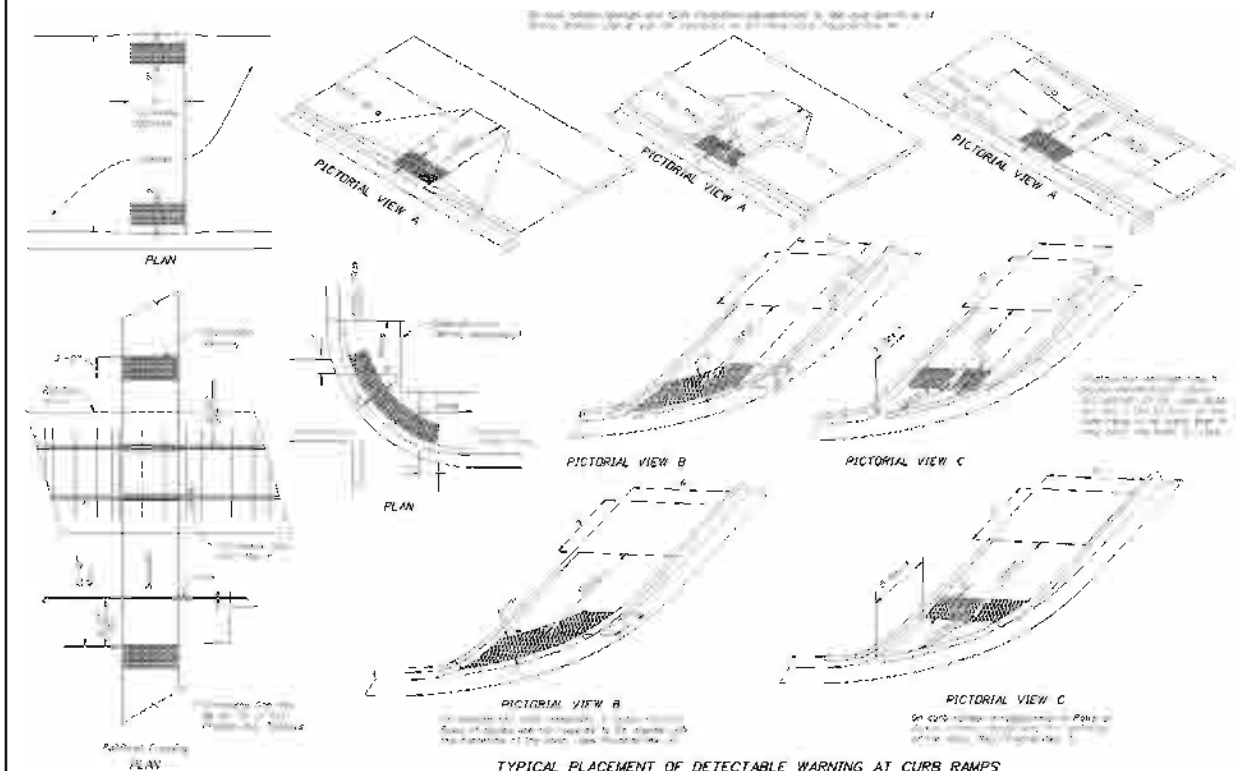
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| CLIENT | PROJECT | TASK | ORIGINAL DATE: 11/17/09 | 6 _____ | JOB NO. 100010962 DATE 11/11/2011 DESIGNED JVC PE _____ CHECKED MRR QC RU / NLW Jarivette Vélez Cuadrado, PE FL# 72835 | SHEET C-303 |
| COLLIER COUNTY | VANDERBILT DRIVE GREENWAY PROJECT | CONSTRUCTION DETAILS | REVISIONS: | 7 _____ | | |
| | COLLIER COUNTY, FLORIDA | | 1 _____ | 8 _____ | | |
| | | | 2 _____ | 9 _____ | | |
| | | | 3 _____ | 10 _____ | | |
| | | | 4 _____ | 11 _____ | | |
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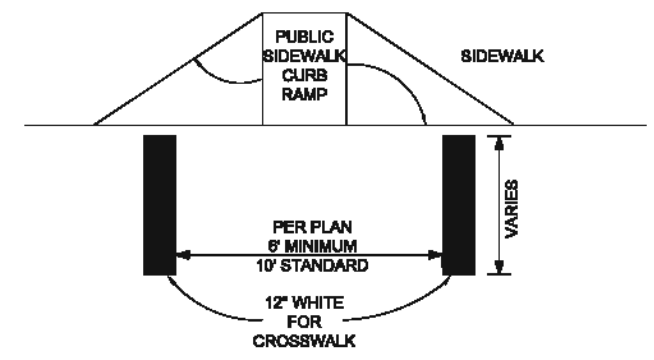
1 CURB RAMP DETAILS
 ALL C-304 SCALE: NTS
 2010 FDOT Design Standards
PUBLIC SIDEWALK CURB RAMPS
 07/01/09 1 of 6
 304



2 CURB RAMP DETAILS CONT.
 ALL C-305 SCALE: NTS
 2010 FDOT Design Standards
PUBLIC SIDEWALK CURB RAMPS
 07/01/09 4 of 6
 304



3 CURB RAMP DETAILS CONT.
 ALL C-305 SCALE: NTS
 2010 FDOT Design Standards
PUBLIC SIDEWALK CURB RAMPS
 07/01/09 3 of 6
 304



NOTES:
 1. ALL CROSSWALK MARKINGS ARE WHITE.
 2. ALL THERMOPLASTIC PAVEMENT MARKINGS SHALL MEET THE STANDARDS OF FDOT SPECIFICATION SECTION 711.

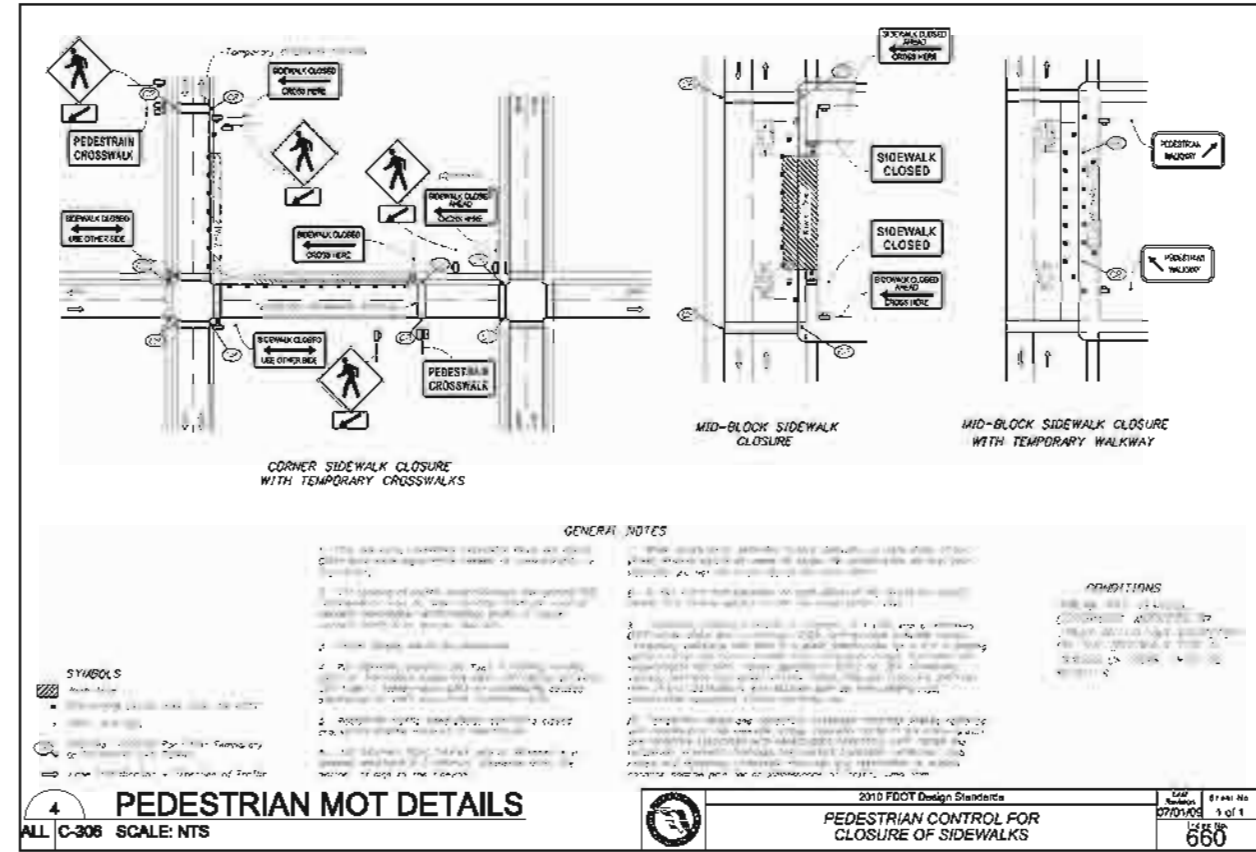
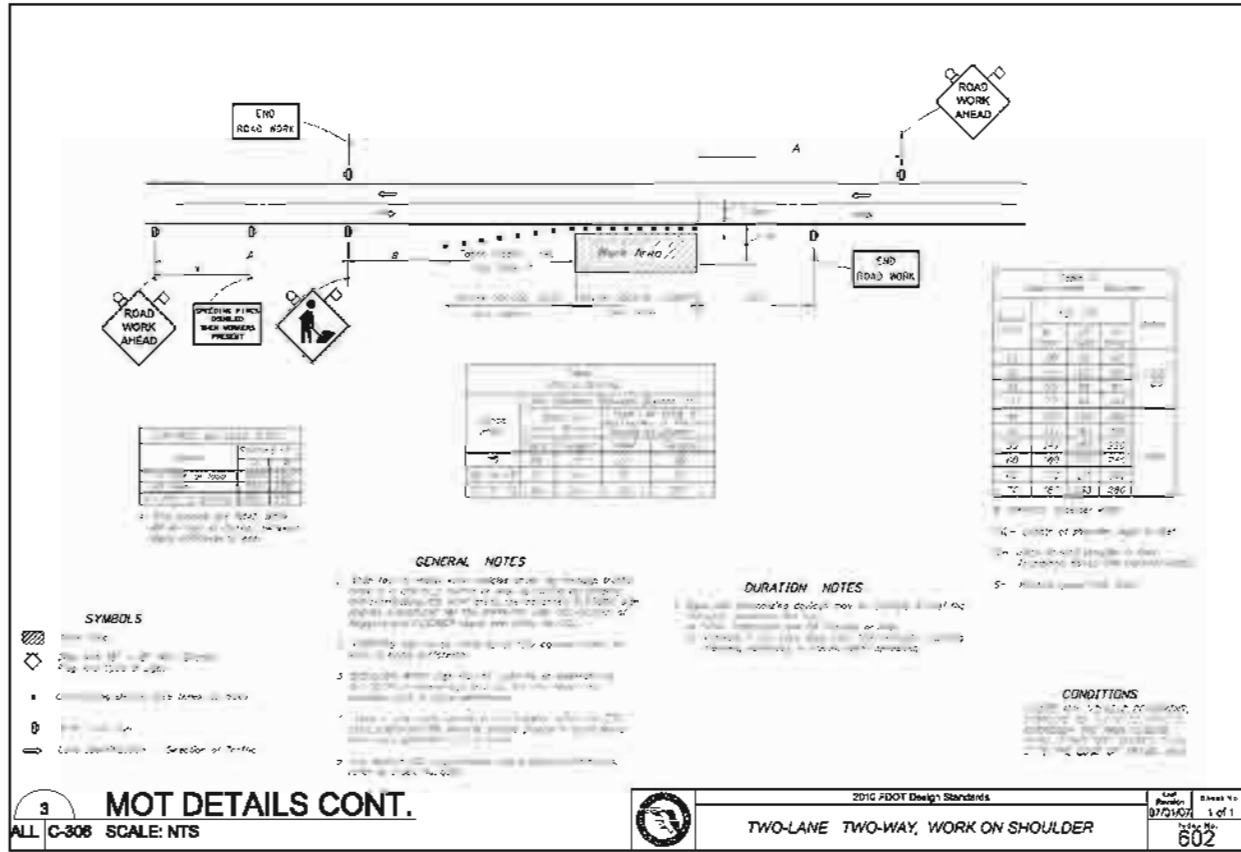
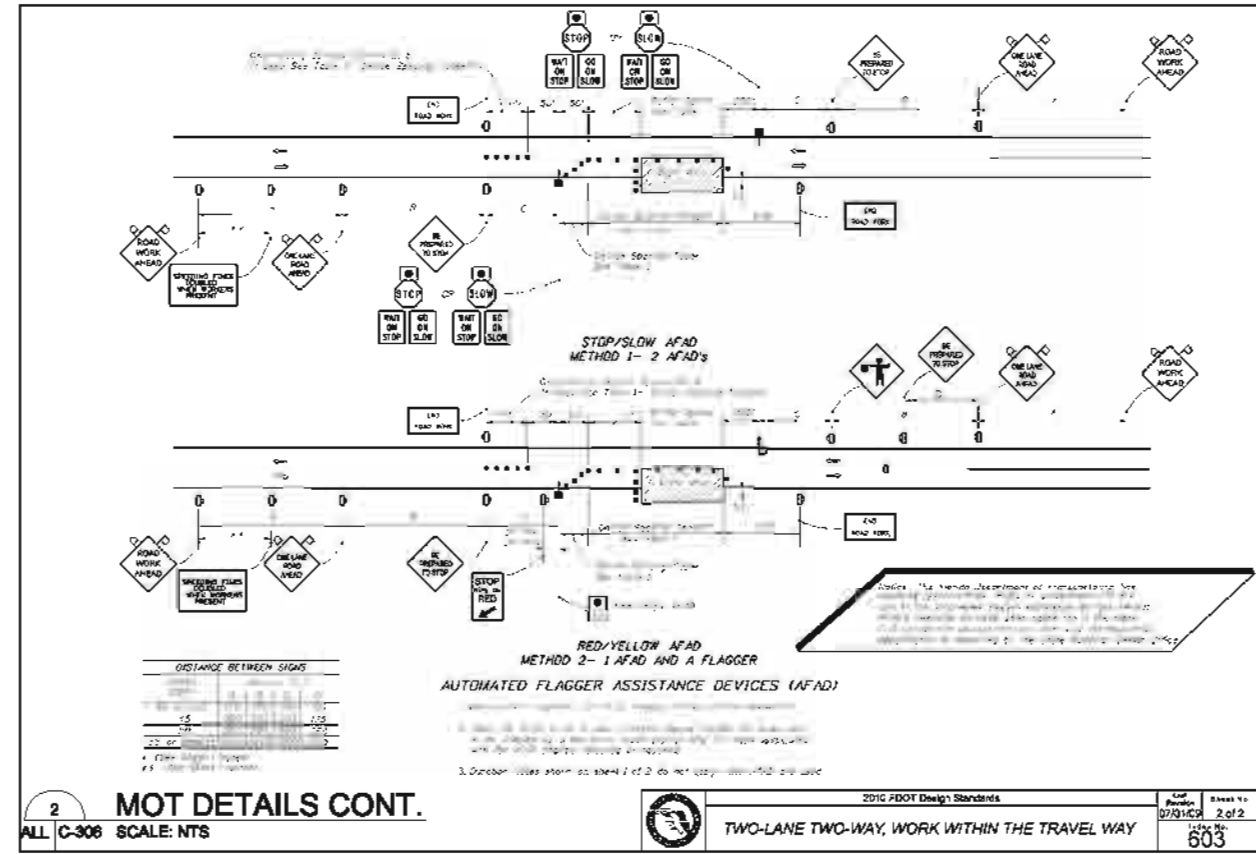
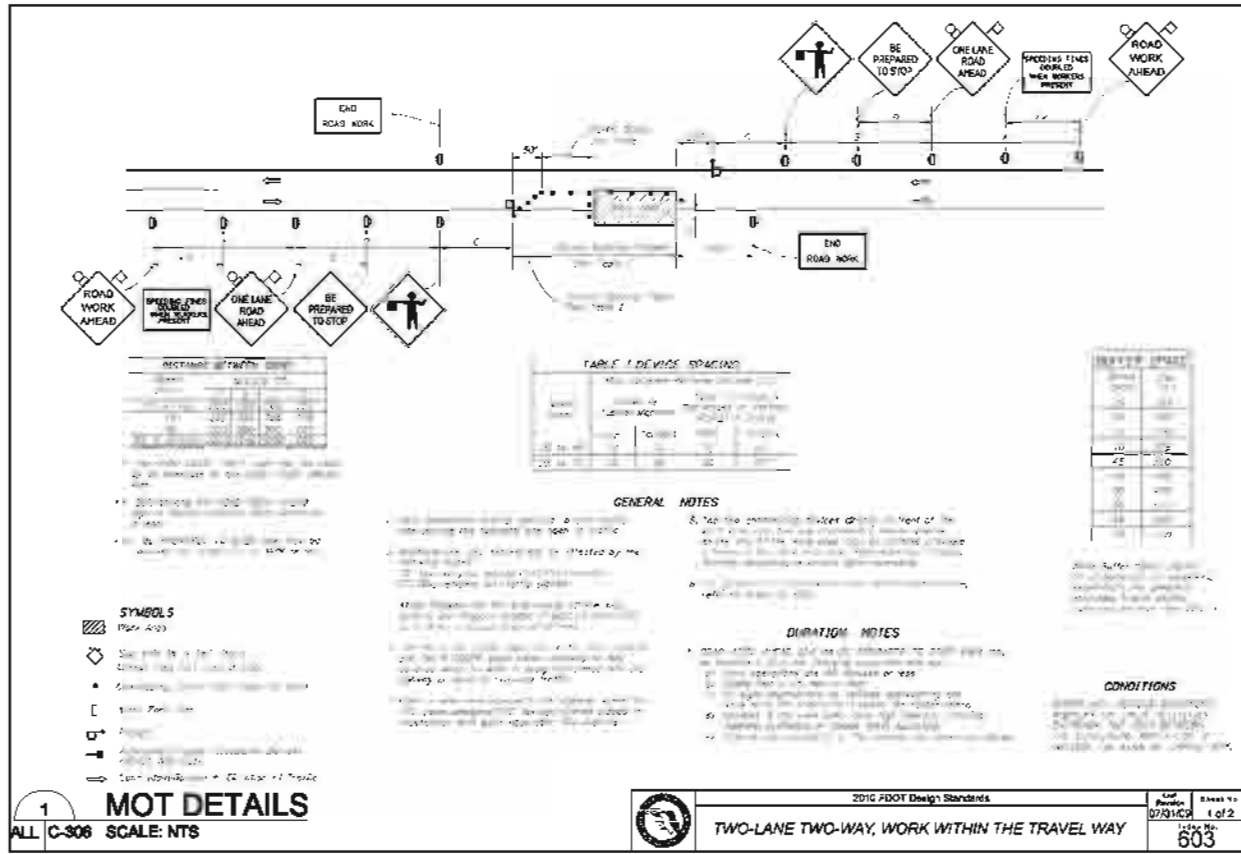
4 CROSS WALK STRIPING DETAILS
 ALL C-305 SCALE: NTS
 (FDOT INDEX 17346)

Job No. 2210
 Drawing Name: Vanderbilt Drive Highway/Utility Strip Detail
 Rev. 11, 2011 - 2:30pm

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 4080 W. Boy Scout Boulevard
 Suite 700, Tampa, FL 33607
 FBPR Certificate of Authorization No. 24

| CLIENT | PROJECT | TASK | ORIGINAL DATE: 11/17/09 | REVISIONS: | JOB NO. 100010982 |
|-------------------------|--------------------------------------|----------------------|--|---|--|
| COLLIER COUNTY | VANDERBILT DRIVE GREENWAY PROJECT | CONSTRUCTION DETAILS | 1. _____ 2. _____ 3. _____ 4. _____ 5. _____ 6. _____ | 7. _____ 8. _____ 9. _____ 10. _____ 11. _____ 12. _____ | DATE 11/11/2011 DESIGNED JVC PE JVC CHECKED MRR QC RU/NLW SHEET C-305 |
| COLLIER COUNTY, FLORIDA | | | Jarvelto Vélez Cuadrado, PE FL# 72936 | | |



Job Name: 23180
 Drawing Name: \\atkins\atkins\project\23180\23180_Vanderbilt Drive Pedway\Sheet C-306 DETAILS.dwg
 Nov 11, 2011 - 2:27pm

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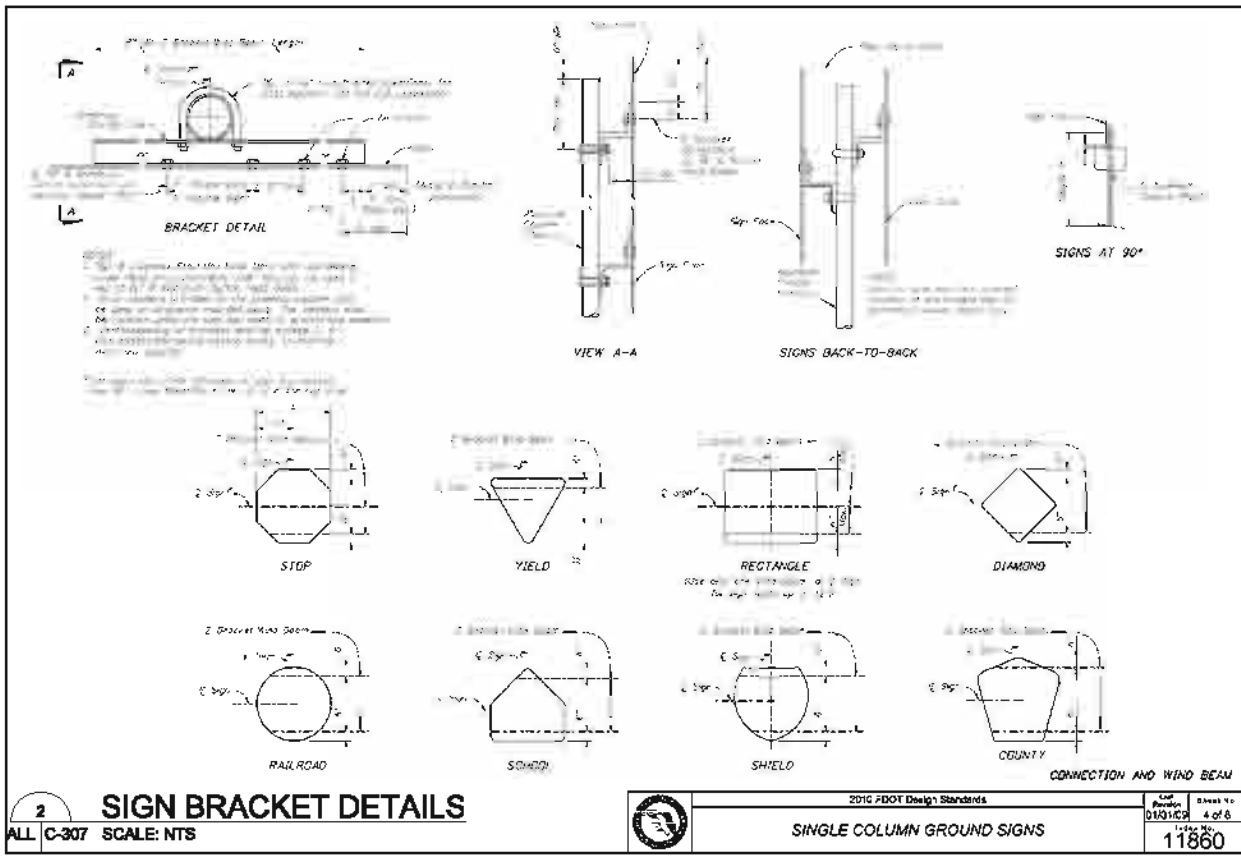
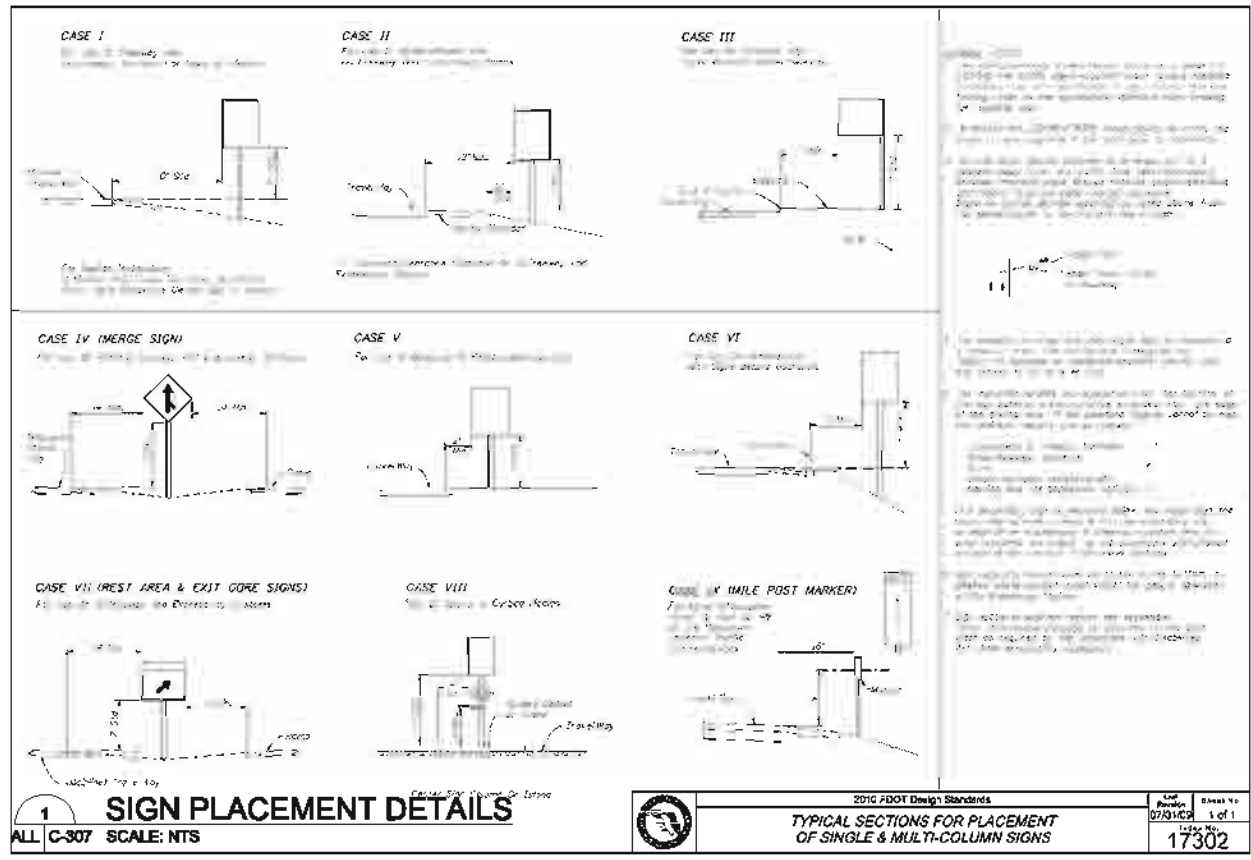
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| | | |
|----------------|---|----------------------|
| CLIENT | PROJECT | TASK |
| COLLIER COUNTY | VANDERBILT DRIVE GREENWAY PROJECT COLLIER COUNTY, FLORIDA | CONSTRUCTION DETAILS |

| | |
|-------------------------|---|
| ORIGINAL DATE: 11/17/09 | 8 |
| REVISIONS: | 7 |
| 1. | 6 |
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| 5. | 2 |
| 6. | 1 |

| | |
|---------------|-------------------|
| DESIGNED: JVC | DATE: 11/11/2011 |
| CHECKED: MRR | PE: JVC |
| QC: RU/NLW | Checked by: JVC |
| FL# 72938 | Job No. 100010862 |

SHEET C-306



3 SIGN POST FOUNDATION DETAILS
ALL C-307 SCALE: NTS

ALUMINUM COLUMN (POST) SELECTION TABLE (WIND SPEED = 110 MPH)

| Column | Post | Sign |
|--------|------|------|
| 1 | 1 | 1 |
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| 1 | 1 | 96 |
| 1 | 1 | 97 |
| 1 | 1 | 98 |
| 1 | 1 | 99 |
| 1 | 1 | 100 |

ALUMINUM COLUMN (POST) SELECTION TABLE (WIND SPEED = 130 MPH)

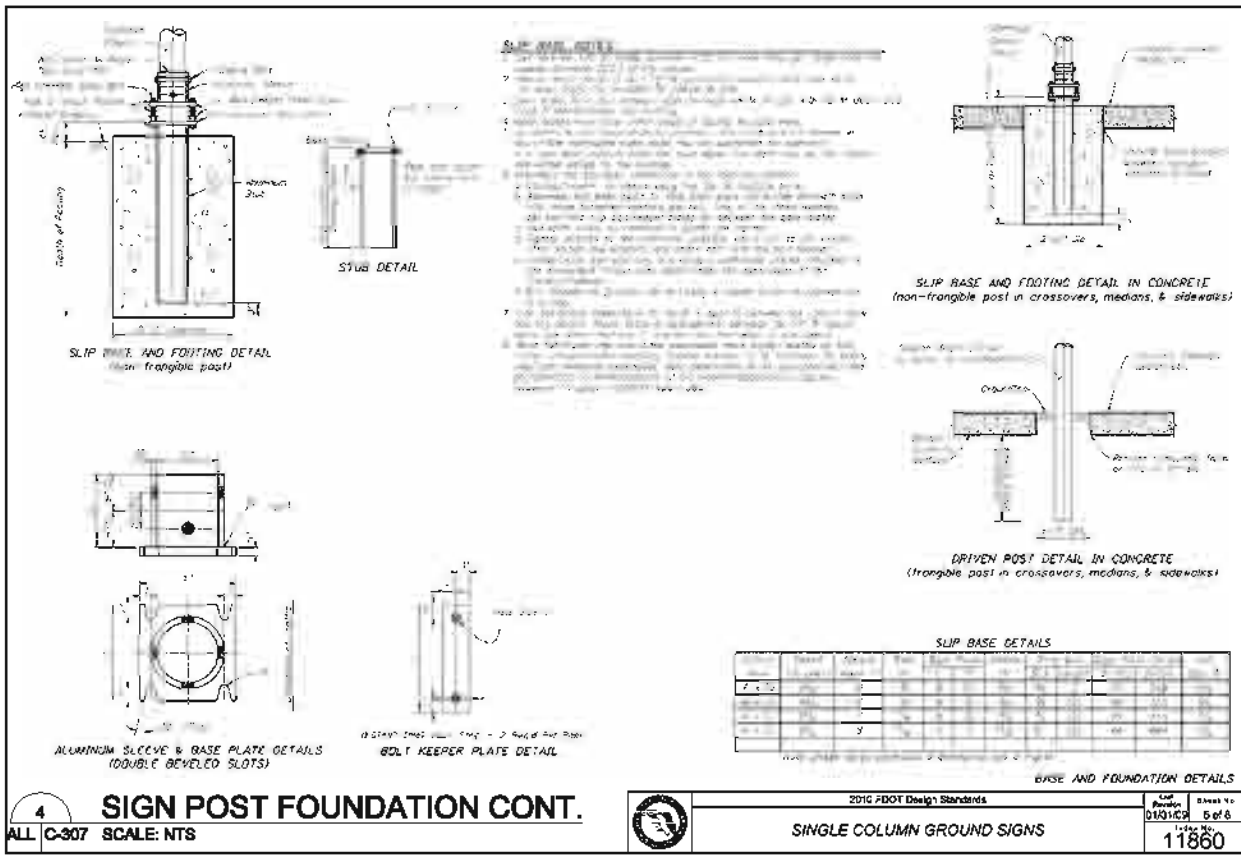
ALUMINUM COLUMN (POST) SELECTION TABLE (WIND SPEED = 150 MPH)

ALUMINUM SOIL PLATE DETAILS

POST AND FOUNDATION TABLES

4 SIGN POST FOUNDATION CONT.
ALL C-307 SCALE: NTS

2010 FDOT Design Standards
SINGLE COLUMN GROUND SIGNS
Sheet No. 11860



Job No. 22180
 Drawing Name: Vanderbilt Drive Greenway Project - Construction Details
 Rev. 11, 2011 - 2:30pm

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| | | |
|----------------|--------------------------------------|----------------------|
| CLIENT | PROJECT | TASK |
| COLLIER COUNTY | VANDERBILT DRIVE GREENWAY PROJECT | CONSTRUCTION DETAILS |
| | COLLIER COUNTY, FLORIDA | |

| | | |
|-------------------------|----------|---|
| ORIGINAL DATE: 11/17/09 | 8 _____ | JOB NO. 100010982 DATE 11/11/2011 DESIGNED JVC PE JVC CHECKED MRR QC RU/NLW SHEET C-307 |
| REVISIONS: | 7 _____ | |
| 1 _____ | 6 _____ | |
| 2 _____ | 5 _____ | |
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| | 10 _____ | |
| | 9 _____ | |
| | 8 _____ | |
| | 7 _____ | |

Jarretto Vélez Cuadrado, PE
 FL# 72938

ROUND STRUCTURE BOTTOMS (ALTERNATE A) & ROUND RISERS - TABLE 1

| Frame Type | Frame | Cover (Std) | Frame | Cover (Std) | Frame | Cover (Std) |
|------------|---------|-------------|---------|-------------|---------|-------------|
| 1 | 100 100 | 100 100 | 100 100 | 100 100 | 100 100 | 100 100 |
| 2 | 100 120 | 100 120 | 100 120 | 100 120 | 100 120 | 100 120 |
| 3 | 100 150 | 100 150 | 100 150 | 100 150 | 100 150 | 100 150 |
| 4 | 100 200 | 100 200 | 100 200 | 100 200 | 100 200 | 100 200 |
| 5 | 100 250 | 100 250 | 100 250 | 100 250 | 100 250 | 100 250 |
| 6 | 100 300 | 100 300 | 100 300 | 100 300 | 100 300 | 100 300 |
| 7 | 100 350 | 100 350 | 100 350 | 100 350 | 100 350 | 100 350 |
| 8 | 100 400 | 100 400 | 100 400 | 100 400 | 100 400 | 100 400 |
| 9 | 100 450 | 100 450 | 100 450 | 100 450 | 100 450 | 100 450 |
| 10 | 100 500 | 100 500 | 100 500 | 100 500 | 100 500 | 100 500 |

SQUARE & RECTANGULAR STRUCTURES (ALTERNATE B) - TABLE 2

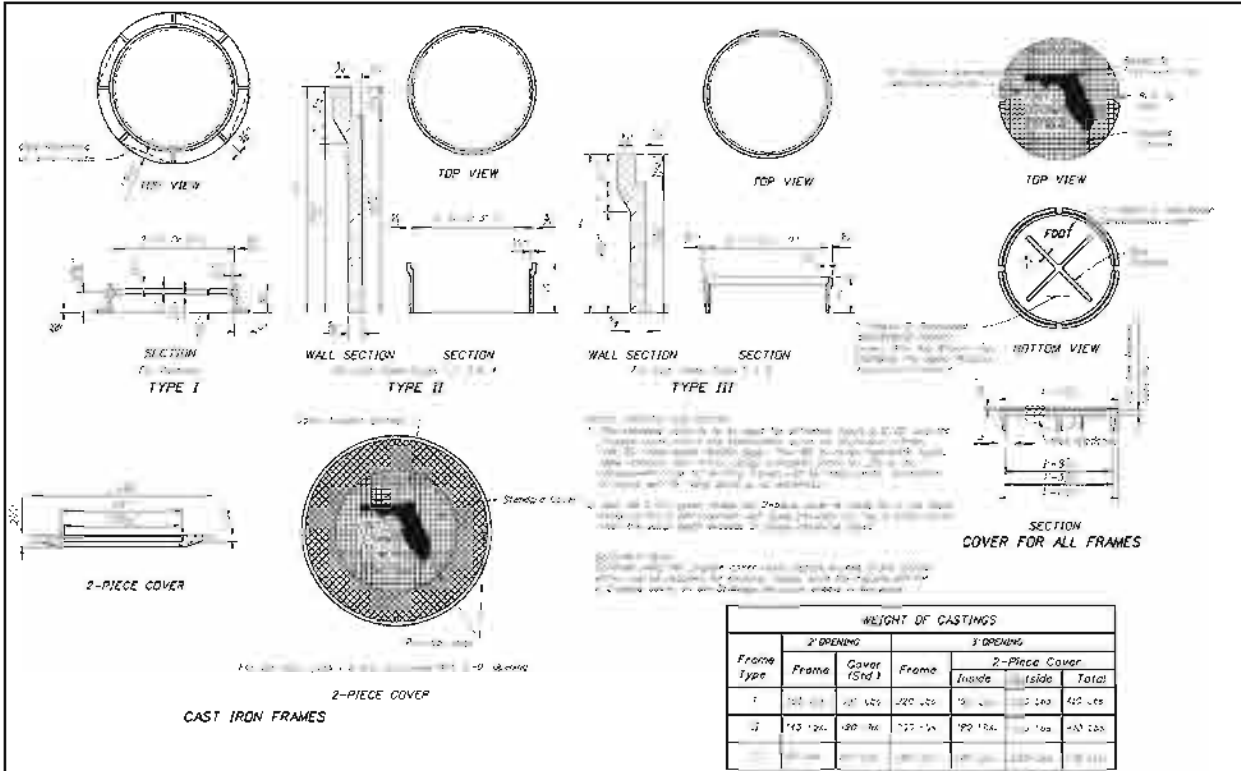
| Frame Type | Frame | Cover (Std) | Frame | Cover (Std) | Frame | Cover (Std) |
|------------|---------|-------------|---------|-------------|---------|-------------|
| 1 | 100 100 | 100 100 | 100 100 | 100 100 | 100 100 | 100 100 |
| 2 | 100 120 | 100 120 | 100 120 | 100 120 | 100 120 | 100 120 |
| 3 | 100 150 | 100 150 | 100 150 | 100 150 | 100 150 | 100 150 |
| 4 | 100 200 | 100 200 | 100 200 | 100 200 | 100 200 | 100 200 |
| 5 | 100 250 | 100 250 | 100 250 | 100 250 | 100 250 | 100 250 |
| 6 | 100 300 | 100 300 | 100 300 | 100 300 | 100 300 | 100 300 |
| 7 | 100 350 | 100 350 | 100 350 | 100 350 | 100 350 | 100 350 |
| 8 | 100 400 | 100 400 | 100 400 | 100 400 | 100 400 | 100 400 |
| 9 | 100 450 | 100 450 | 100 450 | 100 450 | 100 450 | 100 450 |
| 10 | 100 500 | 100 500 | 100 500 | 100 500 | 100 500 | 100 500 |

GENERAL NOTES

1. All structures shall be constructed in accordance with the 2010 FDOT Design Standards.
2. All structures shall be constructed in accordance with the 2010 FDOT Design Standards.
3. All structures shall be constructed in accordance with the 2010 FDOT Design Standards.
4. All structures shall be constructed in accordance with the 2010 FDOT Design Standards.
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15. All structures shall be constructed in accordance with the 2010 FDOT Design Standards.
16. All structures shall be constructed in accordance with the 2010 FDOT Design Standards.
17. All structures shall be constructed in accordance with the 2010 FDOT Design Standards.
18. All structures shall be constructed in accordance with the 2010 FDOT Design Standards.
19. All structures shall be constructed in accordance with the 2010 FDOT Design Standards.
20. All structures shall be constructed in accordance with the 2010 FDOT Design Standards.

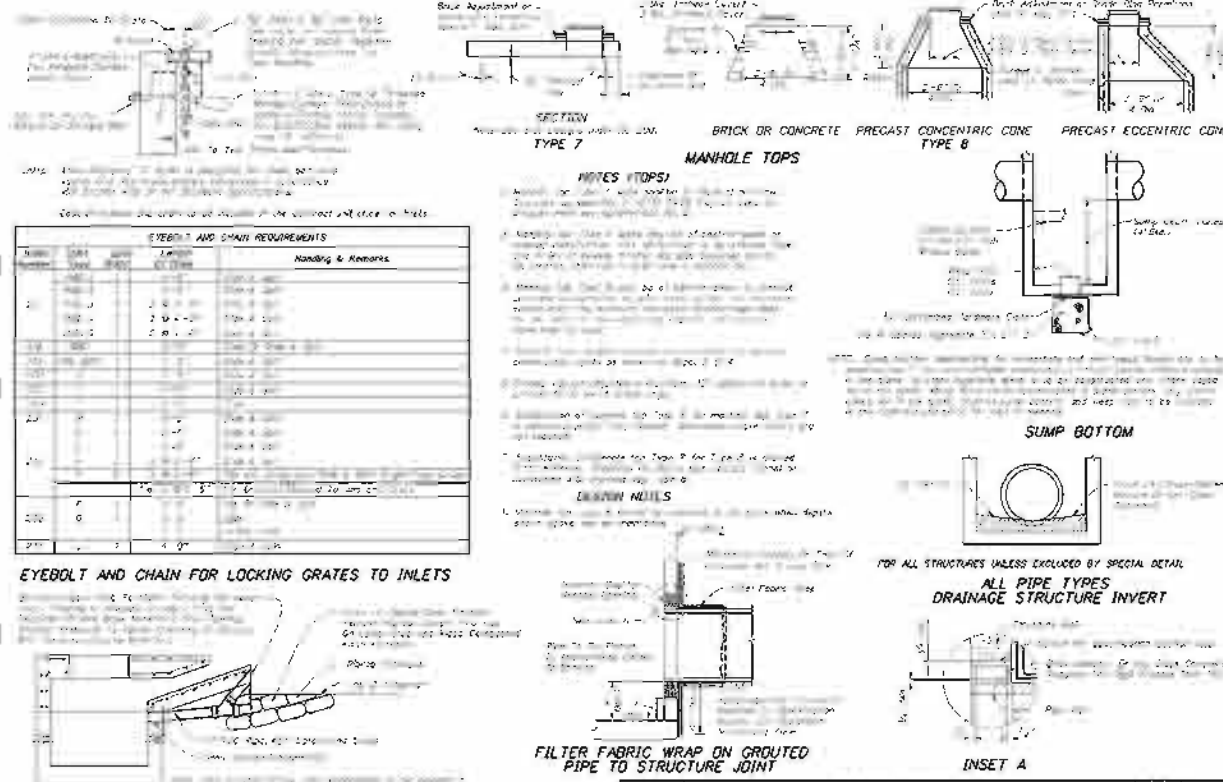
1 STORM MANHOLE BOTTOM DETAILS
ALL C-308 SCALE: NTS

2010 FDOT Design Standards
STRUCTURE BOTTOMS TYPE J AND P
LSP No. 07/01/05 2 of 5
LSP No. 200



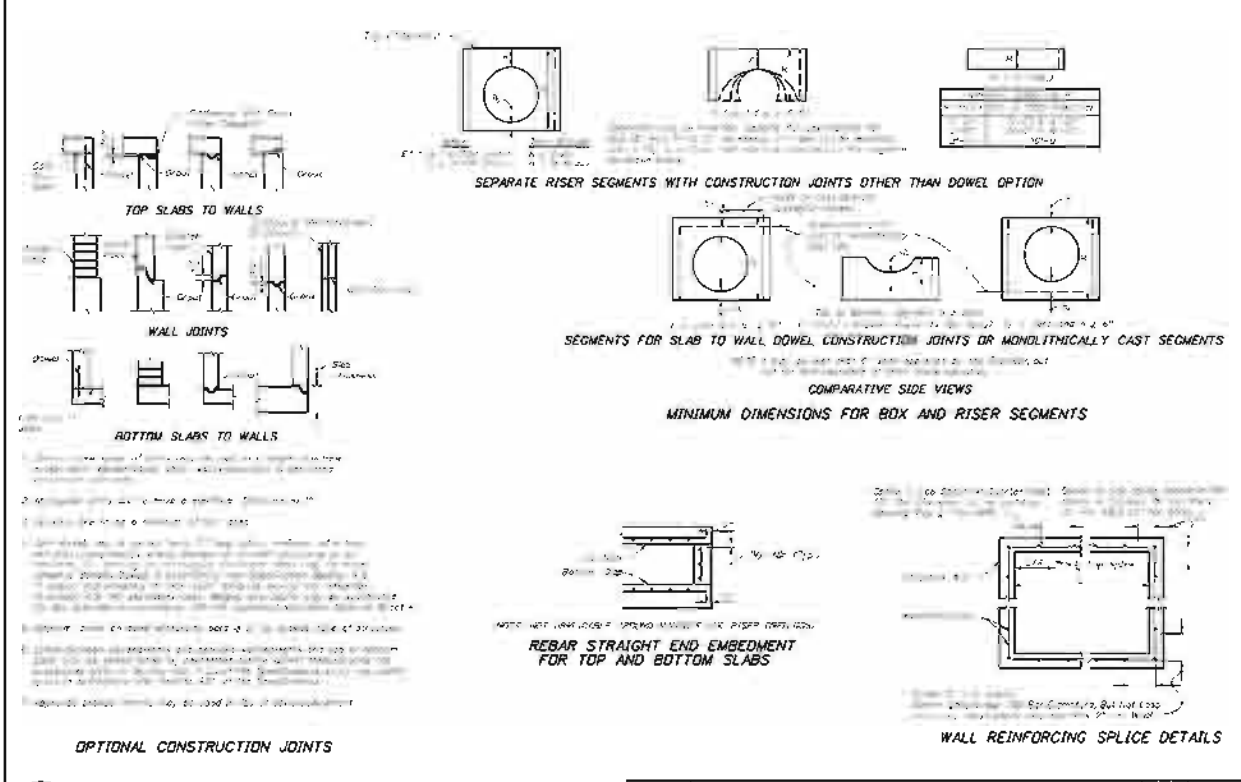
2 STORM MANHOLE FRAME & COVER DETAILS
ALL C-308 SCALE: NTS

2010 FDOT Design Standards
SUPPLEMENTARY DETAILS FOR MANHOLES AND INLETS
LSP No. 07/01/05 1 of 5
LSP No. 201



3 SUPPLEMENTARY DETAILS FOR MANHOLES AND INLETS
ALL C-308 SCALE: NTS

2010 FDOT Design Standards
SUPPLEMENTARY DETAILS FOR MANHOLES AND INLETS
LSP No. 07/01/05 3 of 5
LSP No. 201



4 MANHOLE JOINT DETAILS
ALL C-307 SCALE: NTS

2010 FDOT Design Standards
SUPPLEMENTARY DETAILS FOR MANHOLES AND INLETS
LSP No. 07/01/05 3 of 5
LSP No. 201



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CLIENT
COLLIER COUNTY

PROJECT
VANDERBILT DRIVE
GREENWAY PROJECT
COLLIER COUNTY, FLORIDA

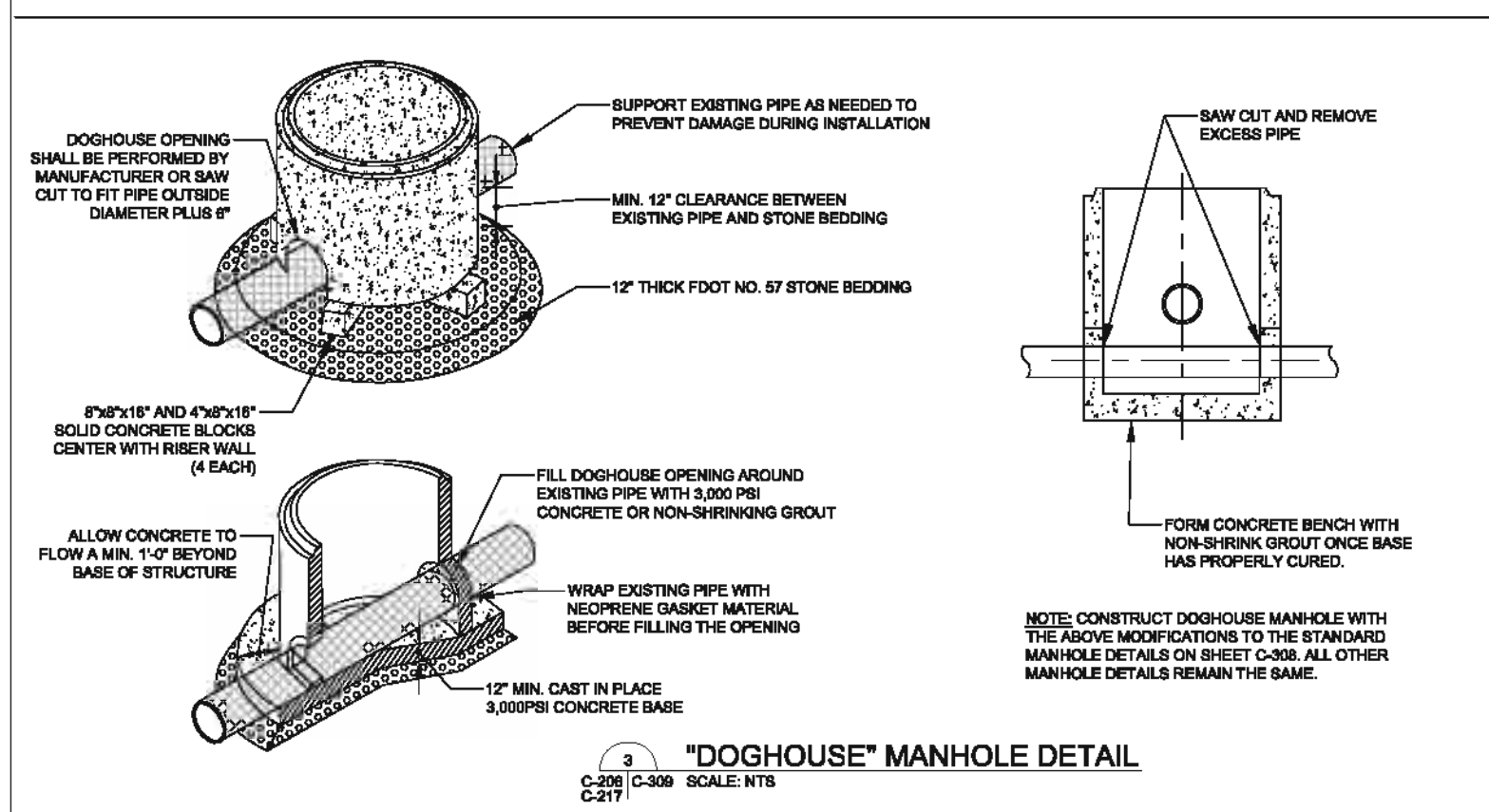
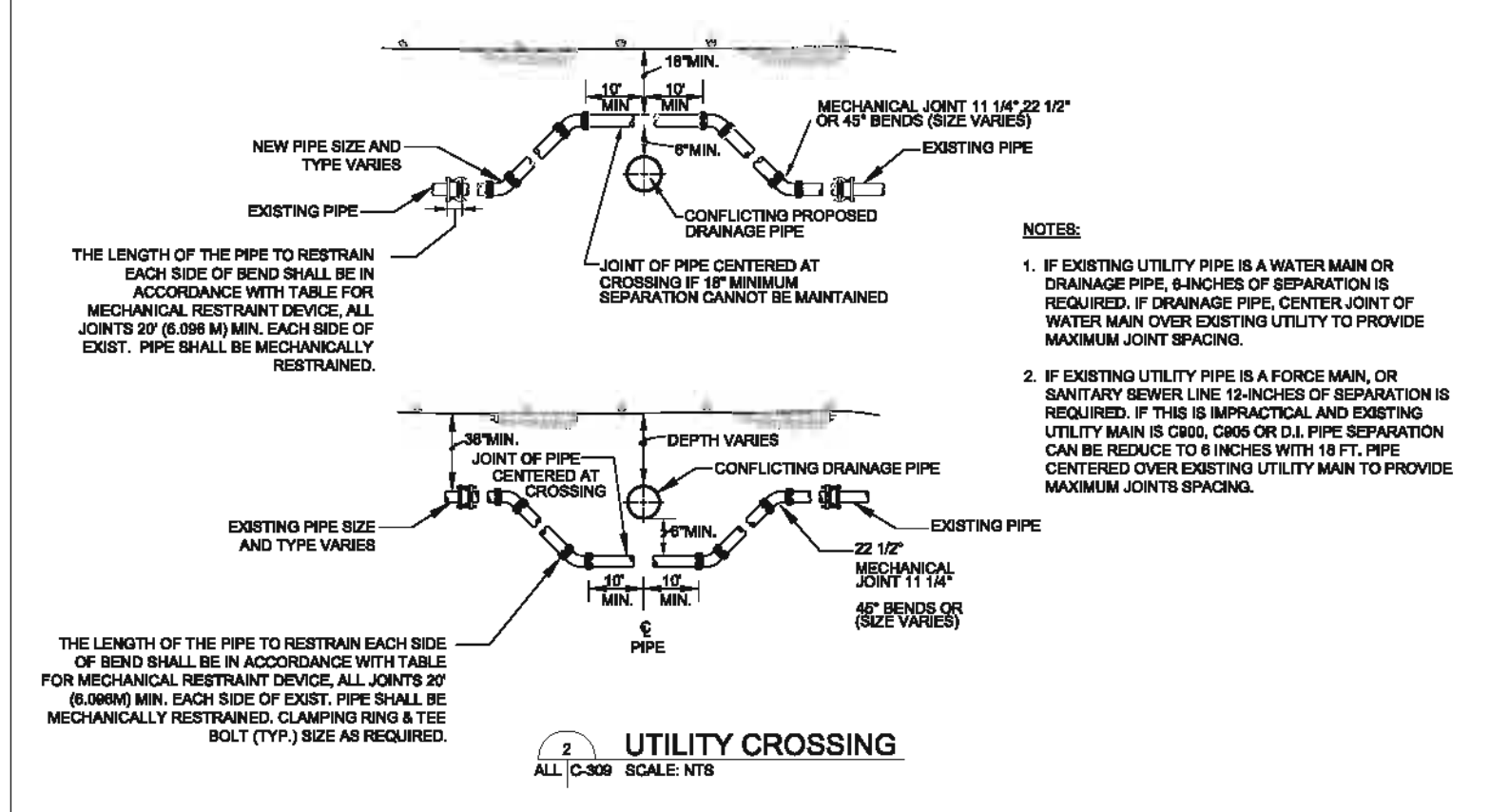
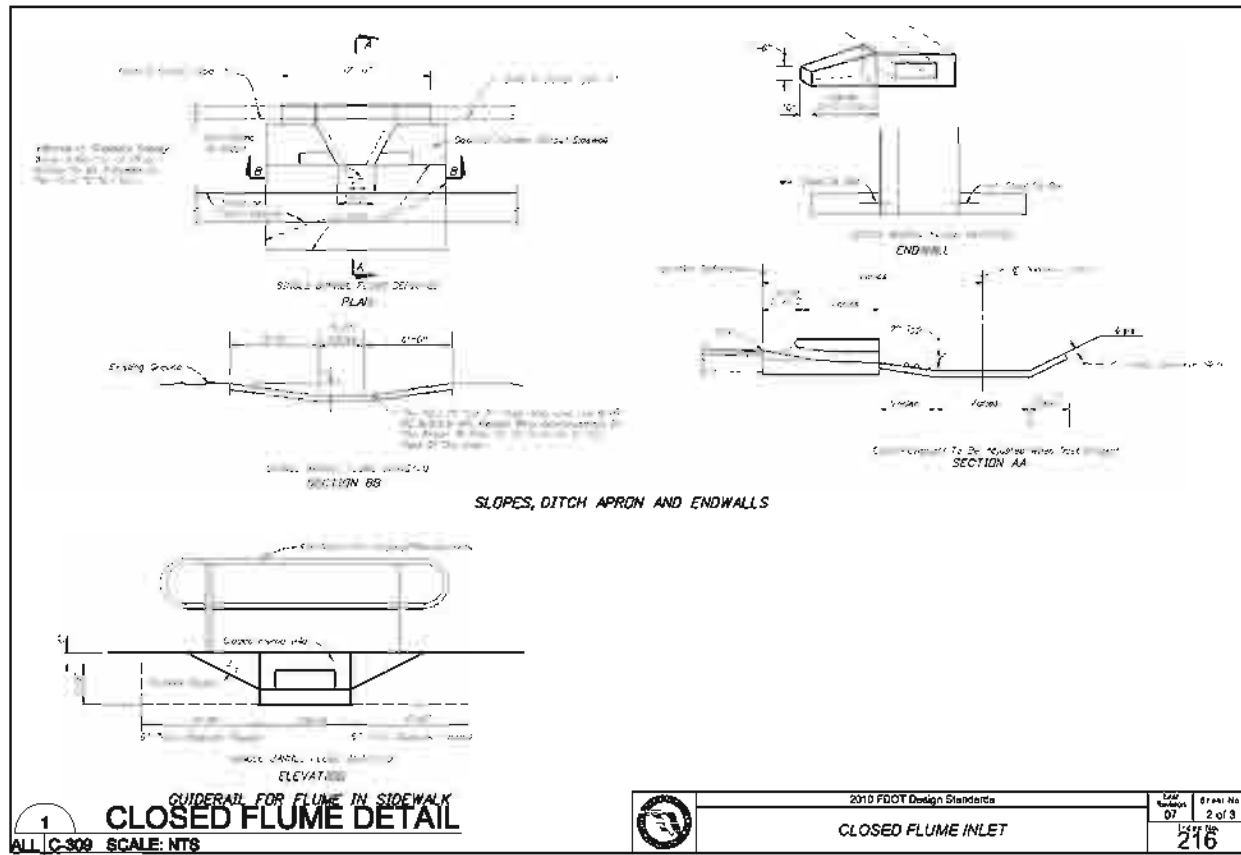
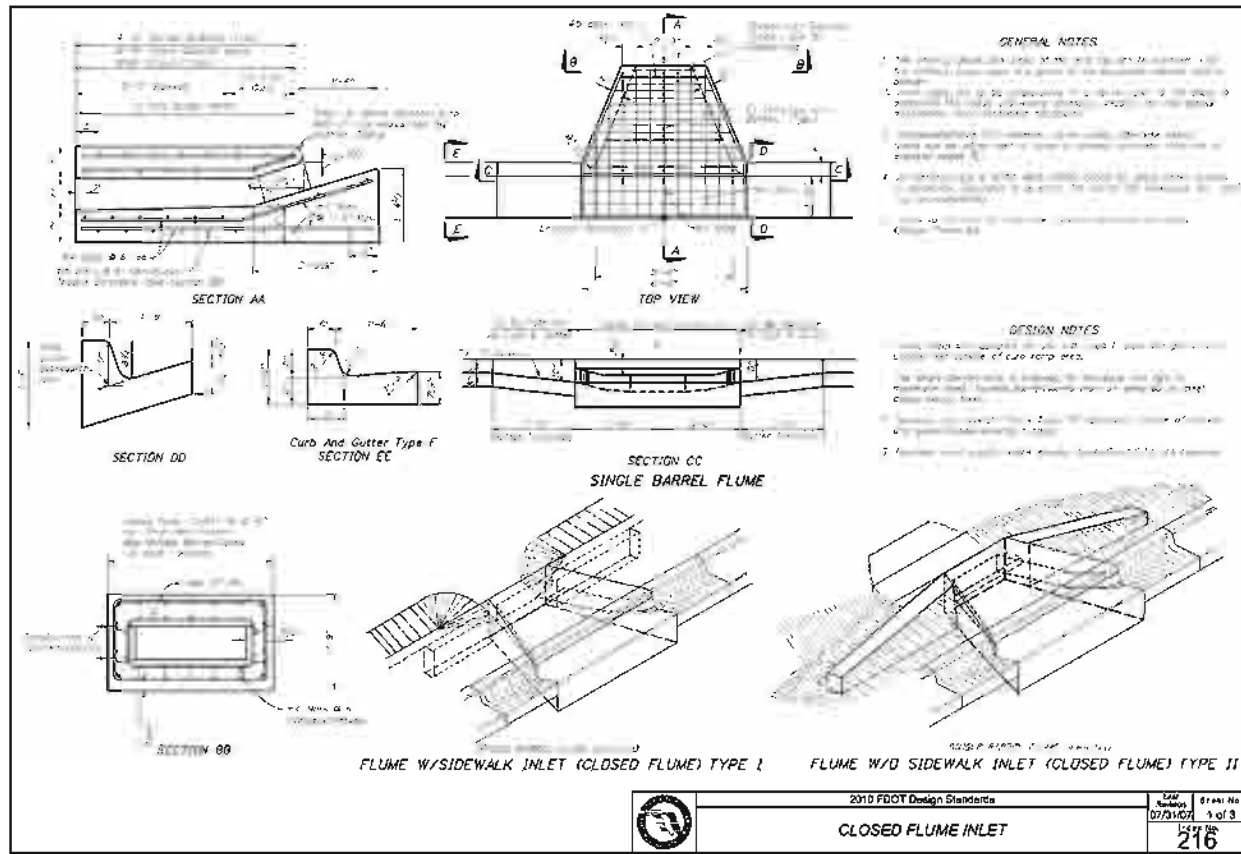
TASK
CONSTRUCTION DETAILS

ORIGINAL DATE: 11/17/09
REVISIONS:
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Jarheto Vélaz Cuadrado, PE
FL# 72936

JOB NO. 100010982
DATE 11/11/2011
DESIGNED JVC
PE JVC
CHECKED MRR
QC RU/NLW
SHEET C-308

Job No. 2010
 Drawing Name: V:\Projects\Greenway\Construction\Manhole\Draw\Manhole\Manhole-C-308\DETAIL.dwg
 Rev. 11, 2011 - 2:30pm



Job No. 22180
 Drawing Name: (Vanderbilt Drive) Greenway Project - Manhole Detail - Highway/Utility/300 Detail/Manhole
 Rev. 11, 2011 - 2:30pm

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| CLIENT | PROJECT | TASK |
| COLLIER COUNTY | VANDERBILT DRIVE GREENWAY PROJECT | CONSTRUCTION DETAILS |
| | COLLIER COUNTY, FLORIDA | |

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|-------------------------|---------|
| ORIGINAL DATE: 11/17/09 | 8 _____ |
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| 3. _____ | 4 _____ |
| 4. _____ | 3 _____ |
| 5. _____ | 2 _____ |
| 6. _____ | 1 _____ |

Job No. 100010962
 Date 11/11/2011
 DESIGNED JVC
 PE JVC
 CHECKED MRR
 QC RU/NLW
SHEET C-309

Jarheto Vélez Cuadrado, PE
 FL# 72936

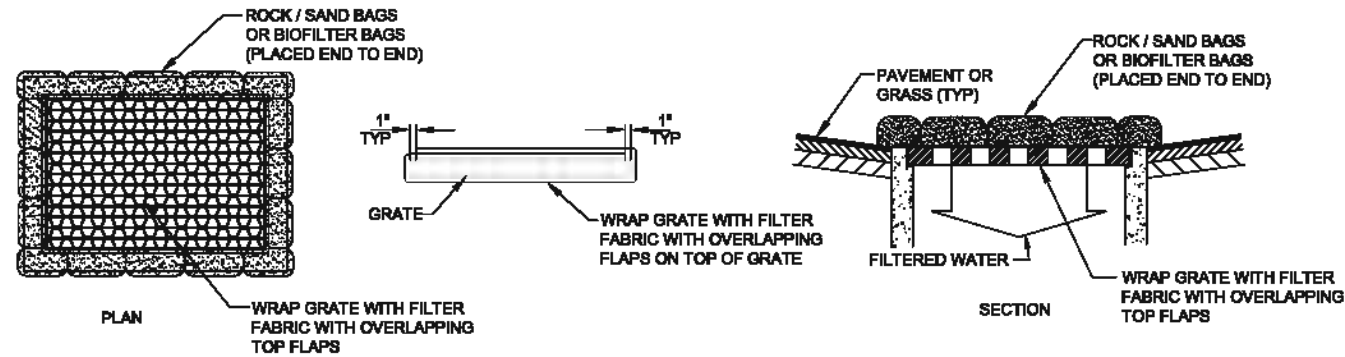
OWNER'S REQUIREMENTS **CONTRACTOR'S REQUIREMENTS**

| | | | |
|--|--|---|---|
| <p style="text-align: center;">SITE DESCRIPTION</p> <p>PROJECT NAME AND LOCATION: VANDERBILT DRIVE GREENWAY PROJECT COLLIER COUNTY, FLORIDA</p> <p>OWNER NAME AND ADDRESS: COLLIER COUNTY 2885 S. HORSESHOE DRIVE NAPLES, FLORIDA 34104</p> <p>DESCRIPTION: THIS PROJECT WILL CONSIST OF: CONSTRUCTION OF AN ASPHALT TRAIL AND STORMWATER MANAGEMENT SYSTEM</p> <p>SOIL DISTURBING ACTIVITIES WILL INCLUDE: CLEARING AND GRUBBING; INSTALLING A STABILIZED CONSTRUCTION ENTRANCE, PERIMETER, AND OTHER EROSION AND SEDIMENT CONTROLS; GRADING; CONSTRUCTION OF CURB AND GUTTER, ROAD; AND PREPARATION FOR FINAL PLANTING AND SEEDING.</p> <p>SOILS: 34 - URBAN LAND-IMMOKALEE-OLDSMAR, LIMESTONE SUBSTRATUM, COMPLEX 35 - URBAN LAND-AQUENTS COMPLEX, ORGANIC SUBSTRATUM 40 - DURBIN AND WULFERT MUCKS, FREQUENTLY FLOODED 41 - URBAN LAND-SATELLITE COMPLEX</p> <p>* SEE SOIL MAP AND SOIL REPORT.</p> <p>SITE MAPS: * SEE CONSTRUCTION PLANS AND DRAINAGE REPORT</p> <p>GRADES, AREAS OF SOILS, DISTURBANCE, LOCATION OF SURFACE WATERS, PROTECTED AREAS, MAJOR STRUCTURAL AND NONSTRUCTURAL CONTROLS AND STORM WATER DISCHARGE POINTS.</p> <p>* SEE CONSTRUCTION PLANS FOR LOCATION OF TEMPORARY STABILIZATION PRACTICES, AND TURBIDITY BARRIERS</p> <p>SITE AREA: 1. TOTAL AREA OF SITE = 21.88 ACRES 2. TOTAL AREA TO BE DISTURBED = 5.8 ACRES</p> | <p style="text-align: center;">SEQUENCE OF MAJOR ACTIVITIES:</p> <p>THE ORDER OF ACTIVITIES WILL BE AS FOLLOWS:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <ol style="list-style-type: none"> 1. INSTALL STABILIZED CONSTRUCTION ENTRANCE. 2. INSTALL SILT FENCES, TURBIDITY BARRIERS AND SYNTHETIC HAY BALES AS REQUIRED. 3. CLEAR AND GRUB. 4. STOCK PILE TOP SOIL IF REQUIRED. 5. PERFORM PRELIMINARY GRADING ON SITE AS REQUIRED. 8. STABILIZE DENOTED AREAS AND STOCKPILES AS SOON AS PRACTICABLE. 7. INSTALL CURBS & GUTTERS, TRAILS, </td> <td style="width: 50%; vertical-align: top;"> <ol style="list-style-type: none"> ETC. 8. COMPLETE GRADING AND INSTALL PERMANENT SEEDINGS/SOD AND PLANTING. 9. COMPLETE FINAL PAVING. 10. REMOVE ACCUMULATED SEDIMENT FROM BASINS. 11. WHEN ALL CONSTRUCTION ACTIVITY IS COMPLETE AND THE SITE IS STABILIZED, REMOVE ANY TEMPORARY DIVERSION SWALES/DIKES AND RESEED/SOD AS REQUIRED. </td> </tr> </table> <p style="text-align: center;">TIMING OF CONTROLS/MEASURES</p> <p>AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, THE SILT FENCES, SYNTHETIC HAY BALES AND STABILIZED CONSTRUCTION ENTRANCE WILL BE CONSTRUCTED PRIOR TO CLEARING OR GRADING OF ANY OTHER PORTIONS OF THE SITE. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA, THAT AREA WILL BE STABILIZED PERMANENTLY IN ACCORDANCE WITH THE PLANS. AFTER THE ENTIRE SITE IS STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE SEDIMENT TRAPS AND THE EARTH DIKE/SWALES WILL BE REGRADED/REMOVED AND STABILIZED IN ACCORDANCE WITH THE SEDIMENT AND EROSION CONTROL PLAN.</p> <p style="text-align: center;">CONTROLS</p> <p>IT IS THE CONTRACTOR'S RESPONSIBILITY TO IMPLEMENT THE EROSION AND TURBIDITY CONTROLS AS SHOWN IN THE EROSION CONTROL PLAN. IT IS ALSO THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THESE CONTROLS ARE PROPERLY INSTALLED, MAINTAINED AND FUNCTIONING PROPERLY TO PREVENT TURBID OR POLLUTED WATER FROM LEAVING THE PROJECT SITE. THE CONTRACTOR WILL ADJUST THE EROSION AND TURBIDITY CONTROLS SHOWN ON THE SEDIMENT AND EROSION CONTROL PLAN AND ADD ADDITIONAL CONTROL MEASURES, AS REQUIRED TO ENSURE THE SITE MEETS ALL FEDERAL, STATE AND LOCAL EROSION AND TURBIDITY CONTROL REQUIREMENTS IMPOSED ON THE PROJECT SITE BY THE REGULATORY AGENCIES.</p> <p>EROSION AND SEDIMENT CONTROLS STABILIZATION PRACTICES</p> <ol style="list-style-type: none"> 1. FILTER FABRIC BARRIER: FILTER FABRIC BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS: <ol style="list-style-type: none"> A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33 PERCENT. B. IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2 ACRES. 2. BRUSH BARRIER WITH FILTER FABRIC: BRUSH BARRIER MAY BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WHERE ENOUGH RESIDUE MATERIAL IS AVAILABLE ON SITE. 3. LEVEL SPREADER: A LEVEL SPREADER MAY BE USED WHERE SEDIMENT -FREE STORM RUNOFF IS INTERCEPTED AND DIVERTED AWAY FROM THE GRADED AREAS ONTO UNDISTURBED STABILIZED AREAS. THIS PRACTICE APPLIES ONLY IN THOSE SITUATIONS WHERE THE SPREADER CAN BE CONSTRUCTED ON UNDISTURBED SOIL AND THE AREA BELOW THE LEVEL RECONCENTRATE AFTER RELEASE. 4. STOCKPILING MATERIAL: NO EXCAVATED MATERIAL SHALL BE STOCKPILED IN SUCH A MANNER AS TO DIRECT RUNOFF DIRECTLY OFF THE PROJECT SITE INTO ANY ADJACENT WATER BODY OR STORM WATER COLLECTION FACILITY. 5. EXPOSED AREA LIMITATION: THE SURFACE AREA OF OPEN, RAW ERODIBLE SOIL EXPOSED BY CLEARING AND GRUBBING OPERATIONS OR EXCAVATION AND FILLING OPERATIONS SHALL NOT EXCEED 10 ACRES. THIS REQUIREMENT MAY BE WAIVED FOR LARGE PROJECTS WITH AN EROSION CONTROL PLAN WHICH DEMONSTRATES THAT OPENING OF ADDITIONAL AREAS WILL NOT SIGNIFICANTLY AFFECT OFF-SITE DEPOSIT OF SEDIMENTS. 6. INLET PROTECTION: INLETS AND CATCH BASINS WHICH DISCHARGE DIRECTLY OFF-SITE SHALL BE PROTECTED FROM SEDIMENT-LADEN STORM RUNOFF UNTIL THE COMPLETION OF ALL CONSTRUCTION OPERATIONS THAT MAY CONTRIBUTE SEDIMENT TO THE INLET. 7. TEMPORARY SEEDING: AREAS OPENED BY CONSTRUCTION OPERATIONS AND THAT ARE NOT ANTICIPATED TO BE RE-EXCAVATED OR DRESSED AND RECEIVE FINAL GRASSING TREATMENT WITHIN 30 DAYS SHALL BE SEEDDED WITH A QUICK GROWING GRASS SPECIES WHICH WILL PROVIDE AN EARLY COVER DURING THE SEASON IN WHICH IT IS PLANTED AND WILL NOT LATER COMPETE WITH THE PERMANENT GRASSING. 6. TEMPORARY SEEDING AND MULCHING: SLOPES STEEPER THAN 6:1 THAT FALL WITHIN THE CATEGORY ESTABLISHED IN PARAGRAPH 7 ABOVE SHALL ADDITIONALLY RECEIVE MULCHING OF APPROXIMATELY 2 INCHES LOOSE MEASURE OF MULCH MATERIAL CUT INTO THE SOIL OF THE SEEDED AREA ADEQUATE TO PREVENT MOVEMENT OF SEED AND MULCH. 9. TEMPORARY GRASSING: THE SEEDED OR SEEDED AND MULCHED AREA (S) SHALL BE ROLLED AND WATERED OR HYDROMULCHED OR OTHER SUITABLE METHODS IF REQUIRED TO ASSURE OPTIMUM GROWING CONDITIONS FOR THE ESTABLISHMENT OF A GOOD GRASS COVER. 10. TEMPORARY REGRESSING: IF, AFTER 14 DAYS FROM SEEDING, THE TEMPORARY GRASSED AREAS HAVE NOT ATTAINED A MINIMUM OF 75 PERCENT GOOD GRASS COVER, THE AREA WILL BE REWORKED AND ADDITIONAL SEED APPLIED SUFFICIENT TO ESTABLISH THE DESIRED VEGETATIVE COVER. 11. MAINTENANCE: ALL FEATURES OF THE PROJECT DESIGNED AND CONSTRUCTED TO PREVENT EROSION AND SEDIMENT SHALL BE MAINTAINED DURING THE LIFE OF THE CONSTRUCTION SO AS TO FUNCTION AS THEY WERE ORIGINALLY DESIGNED AND CONSTRUCTED. 12. PERMANENT EROSION CONTROL: THE EROSION CONTROL FACILITIES OF THE PROJECT SHOULD BE DESIGNED TO MINIMIZE THE IMPACT ON THE OFFSITE FACILITIES. 13. PERMANENT SEEDING: ALL AREAS WHICH HAVE BEEN DISTURBED BY CONSTRUCTION WILL, AT MINIMUM, BE SEEDDED. THE SEEDING MIX MUST PROVIDE BOTH LONG-TERM VEGETATION AND RAPID GROWTH SEASONAL VEGETATION. SLOPES STEEPER THAN 4:1 SHALL BE SEEDDED AND MULCHED OR SODDED. | <ol style="list-style-type: none"> 1. INSTALL STABILIZED CONSTRUCTION ENTRANCE. 2. INSTALL SILT FENCES, TURBIDITY BARRIERS AND SYNTHETIC HAY BALES AS REQUIRED. 3. CLEAR AND GRUB. 4. STOCK PILE TOP SOIL IF REQUIRED. 5. PERFORM PRELIMINARY GRADING ON SITE AS REQUIRED. 8. STABILIZE DENOTED AREAS AND STOCKPILES AS SOON AS PRACTICABLE. 7. INSTALL CURBS & GUTTERS, TRAILS, | <ol style="list-style-type: none"> ETC. 8. COMPLETE GRADING AND INSTALL PERMANENT SEEDINGS/SOD AND PLANTING. 9. COMPLETE FINAL PAVING. 10. REMOVE ACCUMULATED SEDIMENT FROM BASINS. 11. WHEN ALL CONSTRUCTION ACTIVITY IS COMPLETE AND THE SITE IS STABILIZED, REMOVE ANY TEMPORARY DIVERSION SWALES/DIKES AND RESEED/SOD AS REQUIRED. |
| <ol style="list-style-type: none"> 1. INSTALL STABILIZED CONSTRUCTION ENTRANCE. 2. INSTALL SILT FENCES, TURBIDITY BARRIERS AND SYNTHETIC HAY BALES AS REQUIRED. 3. CLEAR AND GRUB. 4. STOCK PILE TOP SOIL IF REQUIRED. 5. PERFORM PRELIMINARY GRADING ON SITE AS REQUIRED. 8. STABILIZE DENOTED AREAS AND STOCKPILES AS SOON AS PRACTICABLE. 7. INSTALL CURBS & GUTTERS, TRAILS, | <ol style="list-style-type: none"> ETC. 8. COMPLETE GRADING AND INSTALL PERMANENT SEEDINGS/SOD AND PLANTING. 9. COMPLETE FINAL PAVING. 10. REMOVE ACCUMULATED SEDIMENT FROM BASINS. 11. WHEN ALL CONSTRUCTION ACTIVITY IS COMPLETE AND THE SITE IS STABILIZED, REMOVE ANY TEMPORARY DIVERSION SWALES/DIKES AND RESEED/SOD AS REQUIRED. | | |

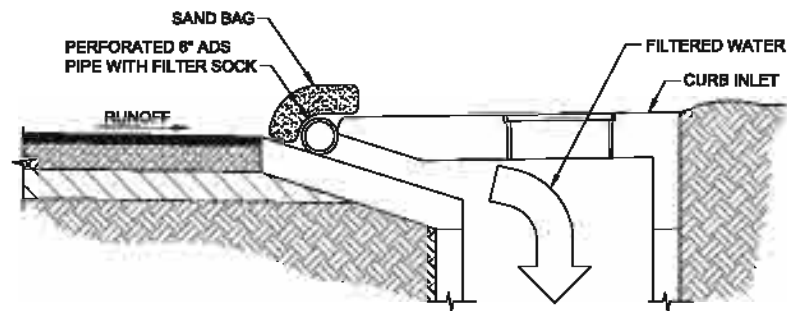
 STRUCTURAL PRACTICES 1. TEMPORARY DIVERSION DIKE: TEMPORARY DIVERSION DIKES MAY BE USED TO DIVERT RUNOFF THROUGH A SEDIMENT-TRAPPING FACILITY. 2. TEMPORARY SEDIMENT TRAP: A SEDIMENT TRAP IS USUALLY INSTALLED IN A DRAINAGE WAY AT A STORM DRAIN INLET OR AT OTHER POINTS OF DISCHARGE FROM A DISTURBED AREA WITH THE FOLLOWING LIMITATIONS: - A. THE SEDIMENT TRAP MAY BE CONSTRUCTED EITHER INDEPENDENTLY OR IN CONJUNCTION WITH A TEMPORARY DIVERSION DIKE. 3. OUTLET PROTECTION: APPLICABLE TO THE OUTLETS OF ALL PIPES AND PAVED CHANNEL SECTIONS WHERE THE VELOCITY OF FLOW AT DESIGN CAPACITY OF THE OUTLET WILL EXCEED THE PERMISSIBLE VELOCITY OF THE RECEIVING CHANNEL OR AREA. **WASTE MATERIALS** **OTHER CONTROLS** ALL WASTE MATERIALS EXCEPT LAND CLEARING DEBRIS SHALL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER WILL MEET ALL LOCAL AND STATE SOLID WASTE MANAGEMENT REGULATIONS. THE DUMPSTER WILL BE EMPTIED AS NEEDED AND THE TRASH WILL BE HAULED TO A STATE APPROVED LANDFILL. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES WILL BE POSTED AT THE CONSTRUCTION SITE BY THE CONSTRUCTION SUPERINTENDENT. THE INDIVIDUAL WHO MANAGES THE DAY-TO-DAY SITE OPERATIONS WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED. **HAZARDOUS WASTE** ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANUFACTURER. SITE PERSONNEL WILL BE INSTRUCTED IN THESE PRACTICES BY THE SITE SUPERINTENDENT. THE INDIVIDUAL WHO MANAGES DAY-TO-DAY SITE OPERATIONS WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED. **SANITARY WASTE** ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS AS NEEDED TO PREVENT POSSIBLE SPILLAGE. THE WASTE WILL BE COLLECTED AND DISPOSED OF IN ACCORDANCE WITH STATE AND LOCAL WASTE DISPOSAL REGULATIONS FOR SANITARY SEWER OR SEPTIC SYSTEMS. **OFFSITE VEHICLE TRACKING** A STABILIZED CONSTRUCTION ENTRANCE WILL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. THE PAVED STREET ADJACENT TO THE SITE ENTRANCE WILL BE SWEEP DAILY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARP/AULIN. **INVENTORY FOR POLLUTION PREVENTION PLAN** | | | | |--|---|---| | <p>THE MATERIALS OR SUBSTANCES LISTED BELOW ARE EXPECTED TO BE PRESENT ON SITE DURING CONSTRUCTION:</p> <p>CONCRETE
ASPHALT
TAR
DETERGENTS</p> | <p>FERTILIZERS
PETROLEUM BASED PRODUCTS
CLEANING SOLVENTS</p> | <p>PAINTS
WOOD
MASONRY BLOCKS
ROOFING MATERIALS
METAL STUDS</p> | |--|---|---| **SPILL PREVENTION** MATERIAL MANAGEMENT PRACTICES THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF. GOOD HOUSEKEEPING THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED ONSITE DURING THE CONSTRUCTION PROJECT. - * AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB. - * ALL MATERIALS STORED ONSITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE. - * PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL. - * SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER. - * WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER. - * MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED. - * THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE MATERIALS ONSITE RECEIVE PROPER USE AND DISPOSAL. | **HAZARDOUS PRODUCTS** THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS. - * PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE. - * ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINED; THEY CONTAIN IMPORTANT PRODUCT INFORMATION. - * IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURER'S OR LOCAL AND/OR STATE RECOMMENDED METHOD FOR PROPER DISPOSAL WILL BE FOLLOWED. **PRODUCT SPECIFIC PRACTICES** THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED ONSITE: **PETROLEUM PRODUCTS** ALL ONSITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ONSITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS. **FERTILIZERS** SEE LANDSCAPE SPECIFICATIONS. **PAINTS** ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT WILL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURER'S INSTRUCTIONS OR STATE AND LOCAL REGULATIONS. **CONCRETE TRUCKS** CONCRETE TRUCKS WILL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON THE SITE. **SPILL CONTROL PRACTICES** IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP: MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED ON SITE AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES. MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ONSITE. EQUIPMENT AND MATERIALS WILL INCLUDE BUT NOT BE LIMITED TO BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, LIQUID ABSORBENT (I.E. KITTY LITTER OR EQUAL), SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE. ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY. THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE. SPILL OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE OF THE SPILL. THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILLS IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED. THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE/SHE WILL DESIGNATE AT LEAST ONE OTHER SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IF APPLICABLE, IN THE OFFICE TRAILER ONSITE. **EROSION INSPECTION** EROSION AND SEDIMENT CONTROL INSPECTION AND MAINTENANCE PRACTICES THE FOLLOWING ARE INSPECTION AND MAINTENANCE PRACTICES THAT WILL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS. - * NO MORE THAN 10 ACRES OF THE SITE WILL BE DENUDED AT ONE TIME WITHOUT WRITTEN PERMISSION FROM THE ENGINEER. - * ALL CONTROL MEASURES WILL BE INSPECTED BY THE SUPERINTENDENT, THE PERSON RESPONSIBLE FOR THE DAY TO DAY SITE OPERATION OR SOMEONE APPOINTED BY THE SUPERINTENDENT, AT LEAST ONCE A WEEK AND FOLLOWING ANY STORM EVENT OF 0.25 INCHES OR GREATER. - * ALL TURBIDITY CONTROL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER; IF REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT. | * BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE FENCE. * SILT FENCE WILL BE INSPECTED FOR DEPTH OF SEDIMENT, TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND. * DIVERSION DIKES/SWALES WILL BE INSPECTED AND ANY BREACHES PROMPTLY REPAIRED. * TEMPORARY AND PERMANENT SEEDING AND PLANTING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH. * A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION. THE REPORTS WILL BE KEPT ON SITE DURING CONSTRUCTION AND AVAILABLE UPON REQUEST TO THE OWNER, ENGINEER OR ANY FEDERAL, STATE OR LOCAL AGENCY APPROVING SEDIMENT AND EROSION PLANS, OR STORM WATER MANAGEMENT PLANS. THE REPORTS SHALL BE MADE AND RETAINED AS PART OF THE STORM WATER POLLUTION PREVENTION PLAN FOR AT LEAST THREE YEARS FROM THE DATE THAT THE SITE IS FINALLY STABILIZED AND THE NOTICE OF TERMINATION IS SUBMITTED. THE REPORTS SHALL IDENTIFY INCIDENTS OF NON-COMPLIANCE. * THE SITE SUPERINTENDENT WILL SELECT UP TO THREE INDIVIDUALS WHO WILL BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE AND REPAIR ACTIVITIES, AND FILLING OUT THE INSPECTION AND MAINTENANCE REPORT. * PERSONNEL SELECTED FOR INSPECTION AND MAINTENANCE RESPONSIBILITIES WILL RECEIVE TRAINING FROM THE SITE SUPERINTENDENT. THEY WILL BE TRAINED IN ALL THE INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROLS USED ONSITE IN GOOD WORKING ORDER. **NON-STORM WATER DISCHARGES** IT IS EXPECTED THAT THE FOLLOWING NON-STORM WATER DISCHARGES WILL OCCUR FROM THE SITE DURING THE CONSTRUCTION PERIOD: - * WATER FROM WATER LINE FLUSHING. - * PAVEMENT WASH WATERS (WHERE NO SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE OCCURRED). - * UNCONTAMINATED GROUNDWATER (FROM DEWATERING EXCAVATION). ALL NON-STORM WATER DISCHARGES WILL BE DIRECTED THROUGH ADEQUATE EROSION CONTROL DEVICES PER FDEP AND EPA STANDARDS PRIOR TO DISCHARGE. **CONTRACTOR'S CERTIFICATION** I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT THAT AUTHORIZES THE STORM WATER DISCHARGE ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIES AS PART OF THIS CERTIFICATION. | SIGNATURE | BUSINESS NAME AND ADDRESS OF CONTRACTOR & ALL SUBS | RESPONSIBLE FOR / DUTIES | |-----------|--|--------------------------| | | | | | | | | | | | | | | | | | | | | || **CONTROLS** THIS PLAN UTILIZES BEST MANAGEMENT PRACTICES TO CONTROL EROSION AND TURBIDITY CAUSED BY STORM WATER RUN OFF. THE CONSTRUCTION PLANS HAVE BEEN PREPARED TO INSTRUCT THE CONTRACTOR ON PLACEMENT OF THESE CONTROLS. IT IS THE CONTRACTORS RESPONSIBILITY TO INSTALL AND MAINTAIN THE CONTROLS AS PER PLAN AS WELL AS ENSURING THE PLAN IS PROVIDING THE PROPER PROTECTION AS REQUIRED BY FEDERAL STATE AND LOCAL LAWS. REFER TO "CONTRACTOR'S REQUIREMENTS" FOR A VERBAL DESCRIPTION OF THE CONTROLS THAT MAY BE IMPLEMENTED. | **TIMING OF CONTROL MEASURES** REFER TO "CONTRACTOR'S REQUIREMENTS" FOR THE TIMING OF CONTROL/MEASURES. | **CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS** IN AN EFFORT TO ENSURE COMPLIANCE WITH FEDERAL, STATE AND LOCAL LAWS REGARDING EROSION AND TURBIDITY CONTROLS, THE FOLLOWING PERMITS HAVE BEEN OBTAINED. | | | |---------------------------------|------------| | FDOT DRAINAGE CONNECTION PERMIT | N/A | | C.O.E. DREDGE/FILL PERMIT | N/A | | S.F.W.M.D. E.R.P. PERMIT | 11-01536-S | | FDEP ERP PERMIT | N/A | | **GENERAL** THE CONTRACTOR SHALL AT A MINIMUM IMPLEMENT THE CONTRACTOR'S REQUIREMENT OUTLINED IN THIS NARRATIVE AND THOSE MEASURES SHOWN ON THE EROSION CONTROL PLAN. IN ADDITION, THE CONTRACTOR SHALL UNDERTAKE ADDITIONAL MEASURES REQUIRED TO BE IN COMPLIANCE WITH APPLICABLE PERMIT CONDITIONS AND STATE WATER QUALITY STANDARDS. |

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|--|----------------|---|--|---|---|---|
| <p style="font-size: small; margin-top: 5px;">101 Arthur Andersen Parkway, Suite 260 Sarasota, Florida 34232 Ph. (941) 378-0272 Fax. (941) 371-7297 www.atkinsglobal.com/northamerica</p> <p style="font-size: x-small; margin-top: 5px;">Atkins, North America (Principal Address) 4030 W. Boy Scout Boulevard Suite 700, Tampa, FL 33607 FBPR Certificate of Authorization No.: 24</p> | CLIENT | PROJECT | TASK | ORIGINAL DATE: 11/17/09 | 6 _____ | JOB NO. 100010962 DATE 11/11/2011 DESIGNED JVC PE JVC CHECKED MRR QC RU / NLW SHEET C-400 |
| | COLLIER COUNTY | VANDERBILT DRIVE GREENWAY PROJECT COLLIER COUNTY, FLORIDA | STORMWATER POLLUTION PREVENTION NARRATIVE | REVISIONS: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____ | 7 _____ 8 _____ 9 _____ 10 _____ 11 _____ 12 _____ | |

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Nov 11, 2011 - 2:24pm



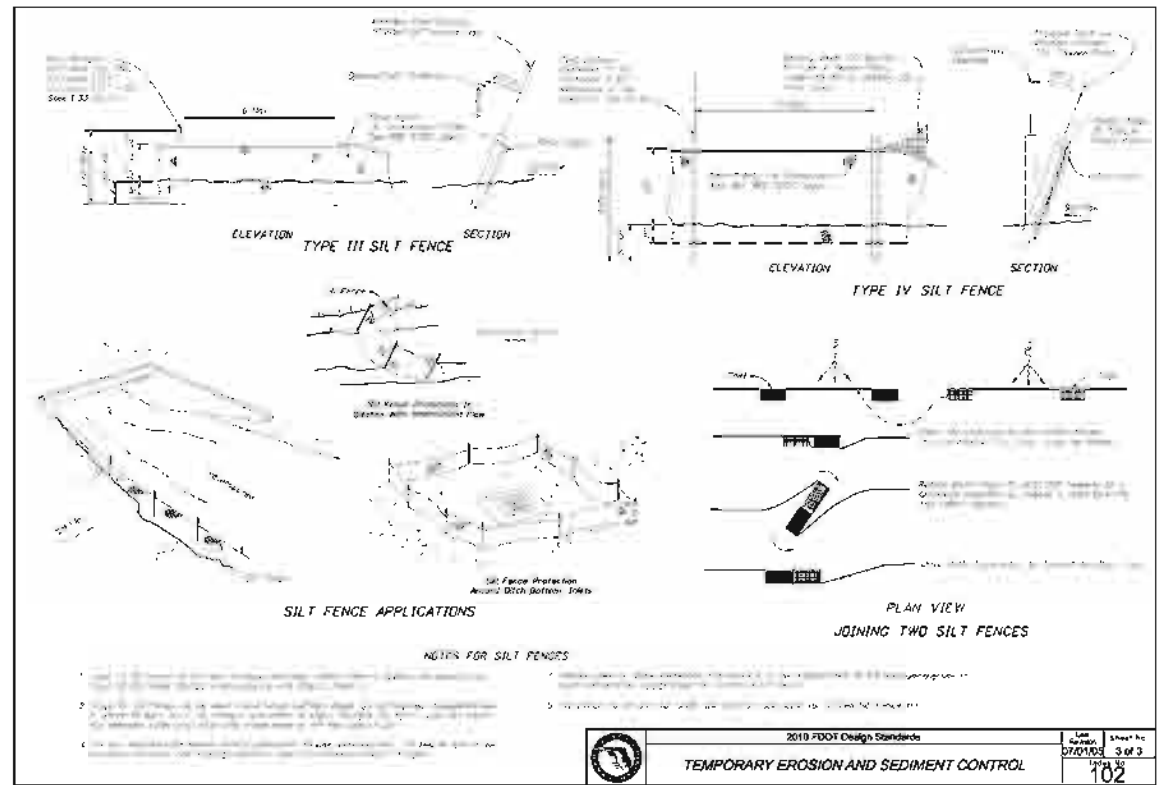
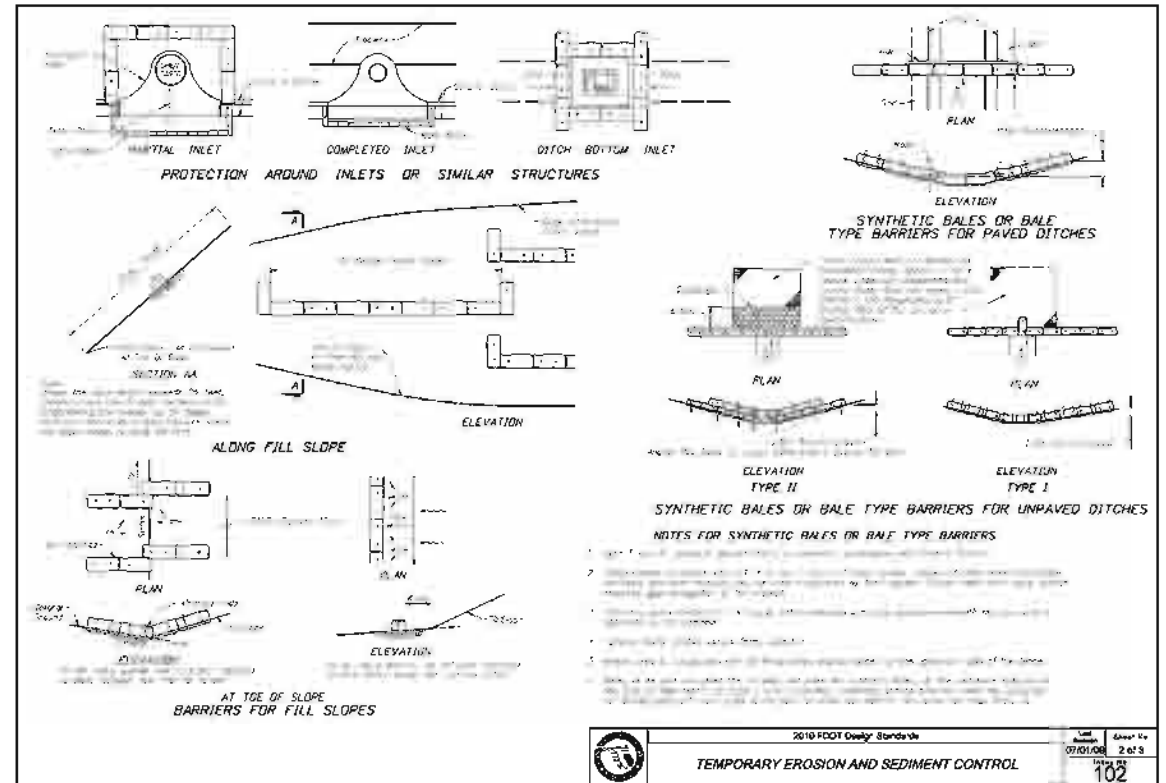
1 DITCH BOTTOM INLET SEDIMENT FILTER DETAIL
 C-108 C-401 SCALE: NTS
 C-110
 C-111
 C-117



SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE AT CURB INLETS WHERE PONDING IN FRONT OF THE STRUCTURE IS NOT LIKELY TO CAUSE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES AND UNPROTECTED AREAS.

3 CURB INLET SEDIMENT FILTER DETAIL
 C-108 C-401 SCALE: NTS



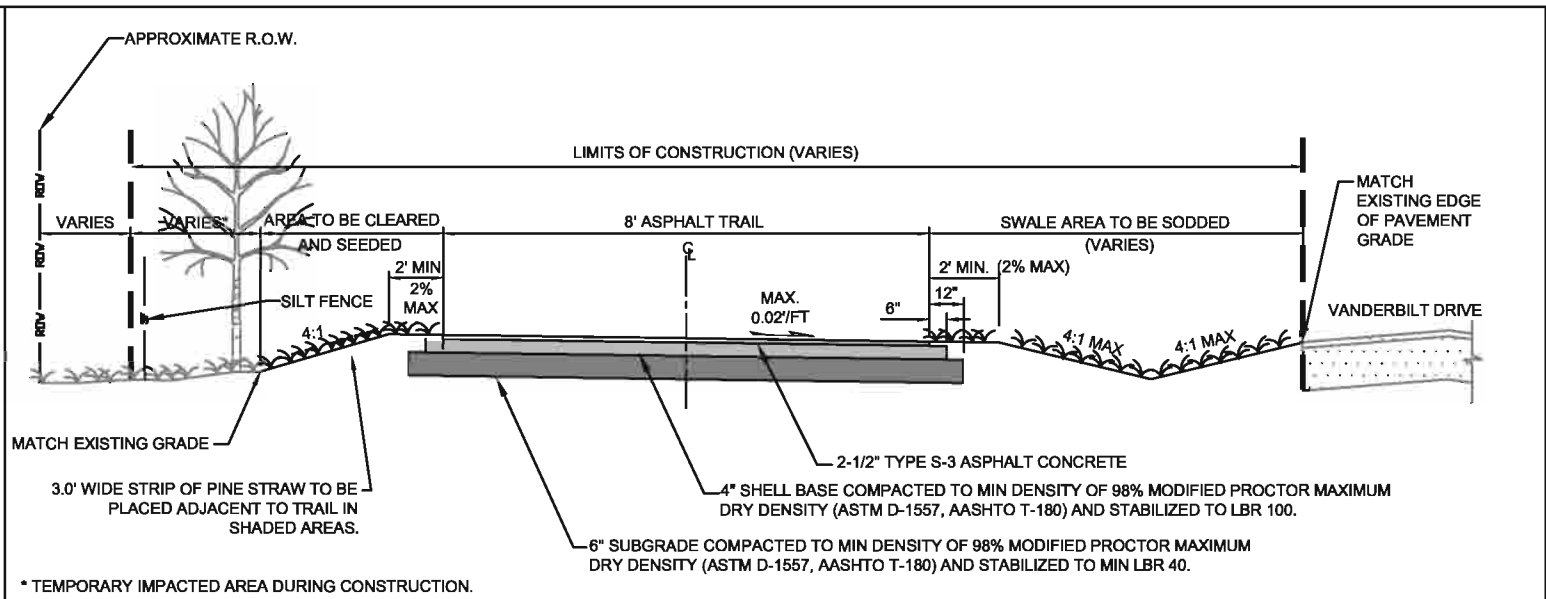
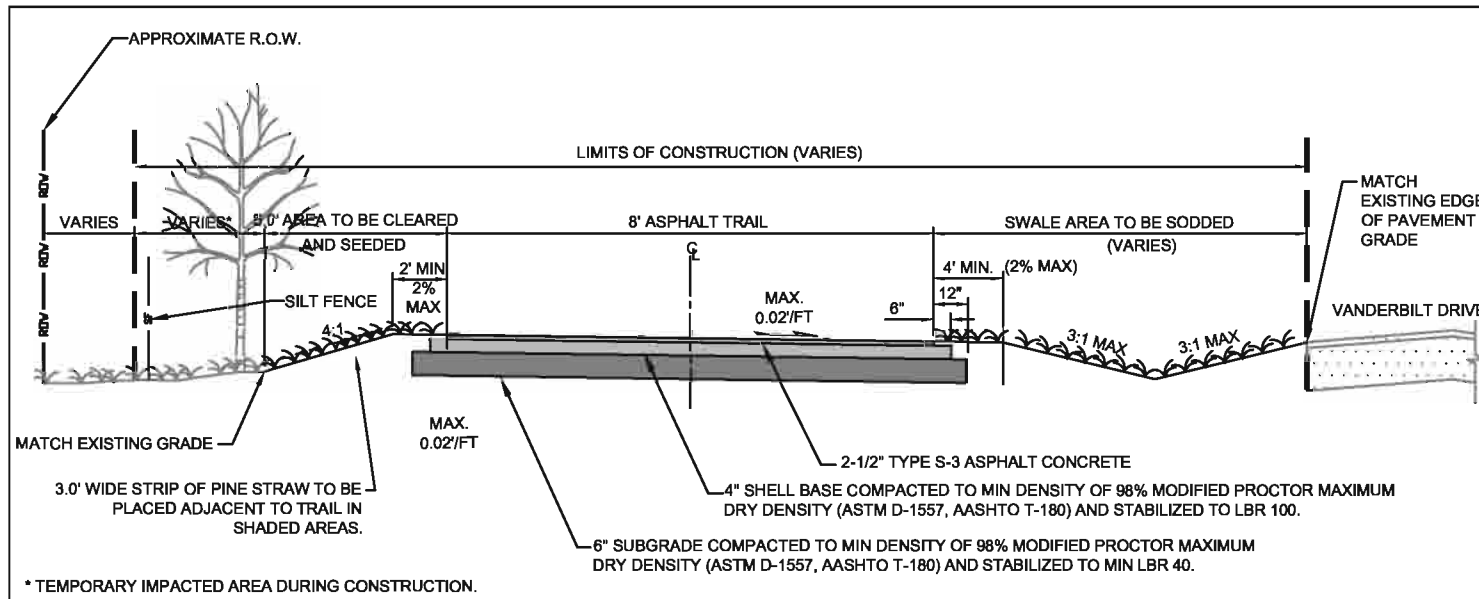
4 EROSION CONTROL DETAILS
 ALL C-401 SCALE: NTS

ATKINS

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 FBPR Certificate of Authorization No.: 24

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|----------------|--------------------------------------|--|-------------------------|---------|---|
| CLIENT | PROJECT | TASK | ORIGINAL DATE: 11/17/08 | 8 _____ | JOB NO. 100010862 DATE 11/11/2011 DESIGNED JVC PE JVC CHECKED MRR QC RU / NLW Janelle Vitez Cuadrado, PE FL# 72935 |
| COLLIER COUNTY | VANDERBILT DRIVE GREENWAY PROJECT | STORMWATER POLLUTION PREVENTION DETAILS | REVISIONS: | 7 _____ | |
| | COLLIER COUNTY, FLORIDA | | 1 _____ | 6 _____ | |
| | | | 2 _____ | 5 _____ | |
| | | | 3 _____ | 4 _____ | |
| | | | 4 _____ | 3 _____ | SHEET C-401 |
| | | | 5 _____ | 2 _____ | |
| | | | | 1 _____ | |



* TEMPORARY IMPACTED AREA DURING CONSTRUCTION.

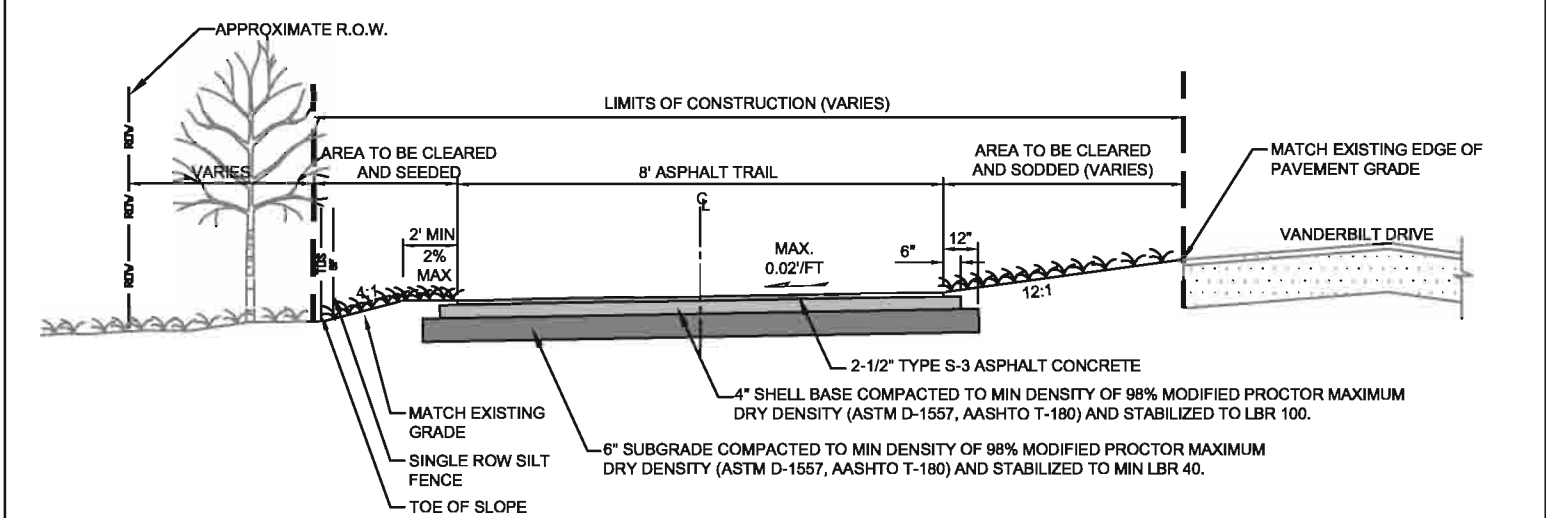
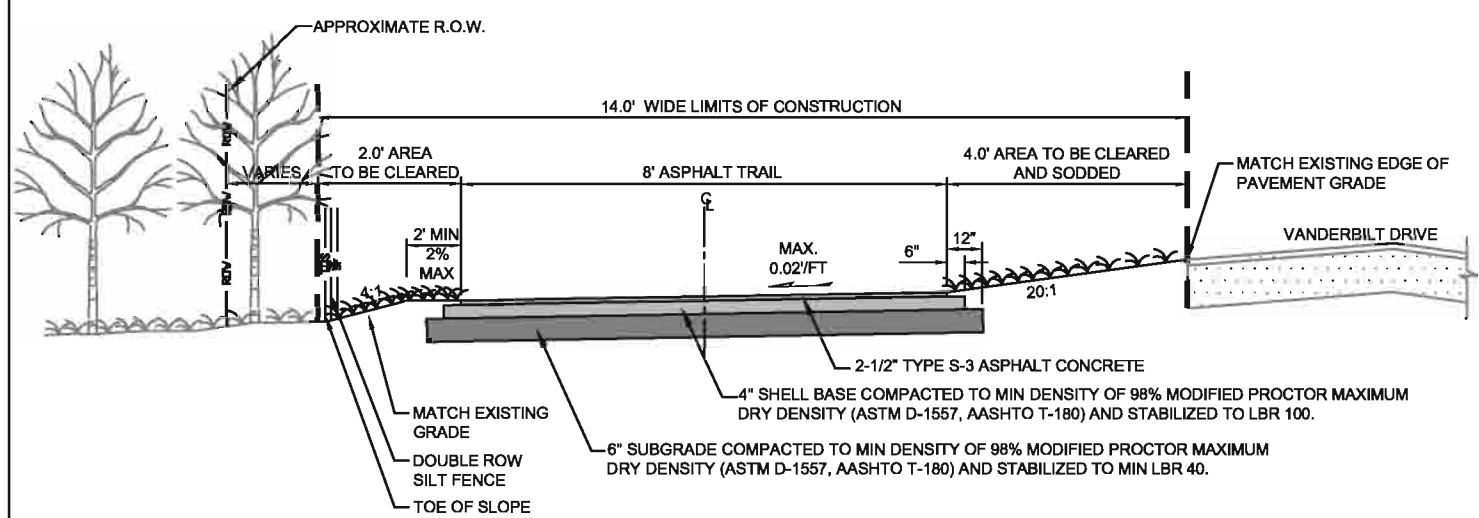
NOTES:
 1. GRASS OR GROUNDCOVER FOR SHOULDERS SHOULD BE FLORIDA NATIVE SPECIES APPROPRIATE FOR SITE.
 2. NO SIGNS SHALL BE CONSTRUCTED WITHIN 6' FROM THE EDGE OF PAVEMENT OF VANDERBILT DRIVE.
 3. NO SIGNS SHALL BE CONSTRUCTED WITHIN 3' OF THE EDGE OF PAVEMENT OF THE TRAIL.
 4. FOR SPECIFIC SECTION DIMENSIONS REFER TO SITE PLAN SHEETS C200-C217.

* TEMPORARY IMPACTED AREA DURING CONSTRUCTION.

NOTES:
 1. GRASS OR GROUNDCOVER FOR SHOULDERS SHOULD BE FLORIDA NATIVE SPECIES APPROPRIATE FOR SITE.
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 4. FOR SPECIFIC SECTION DIMENSIONS REFER TO SITE PLAN SHEETS C200-C217.

1 **ASPHALT TRAIL CROSS SECTION**
 C-500 SCALE: NTS (STA 95+00 - 104+00, 200+00 - 205+40, 212+80 - 215+00)

3 **ASPHALT TRAIL CROSS SECTION**
 C-500 SCALE: NTS (STA 11+05 - 22+80, 25+80 - 33+40, 134+00 - 137+50, 161+00 - 175+80, 179+40 - 183+00, 187+00 - 192+00, 193+00 - 195+40, 197+00 - 199+00)



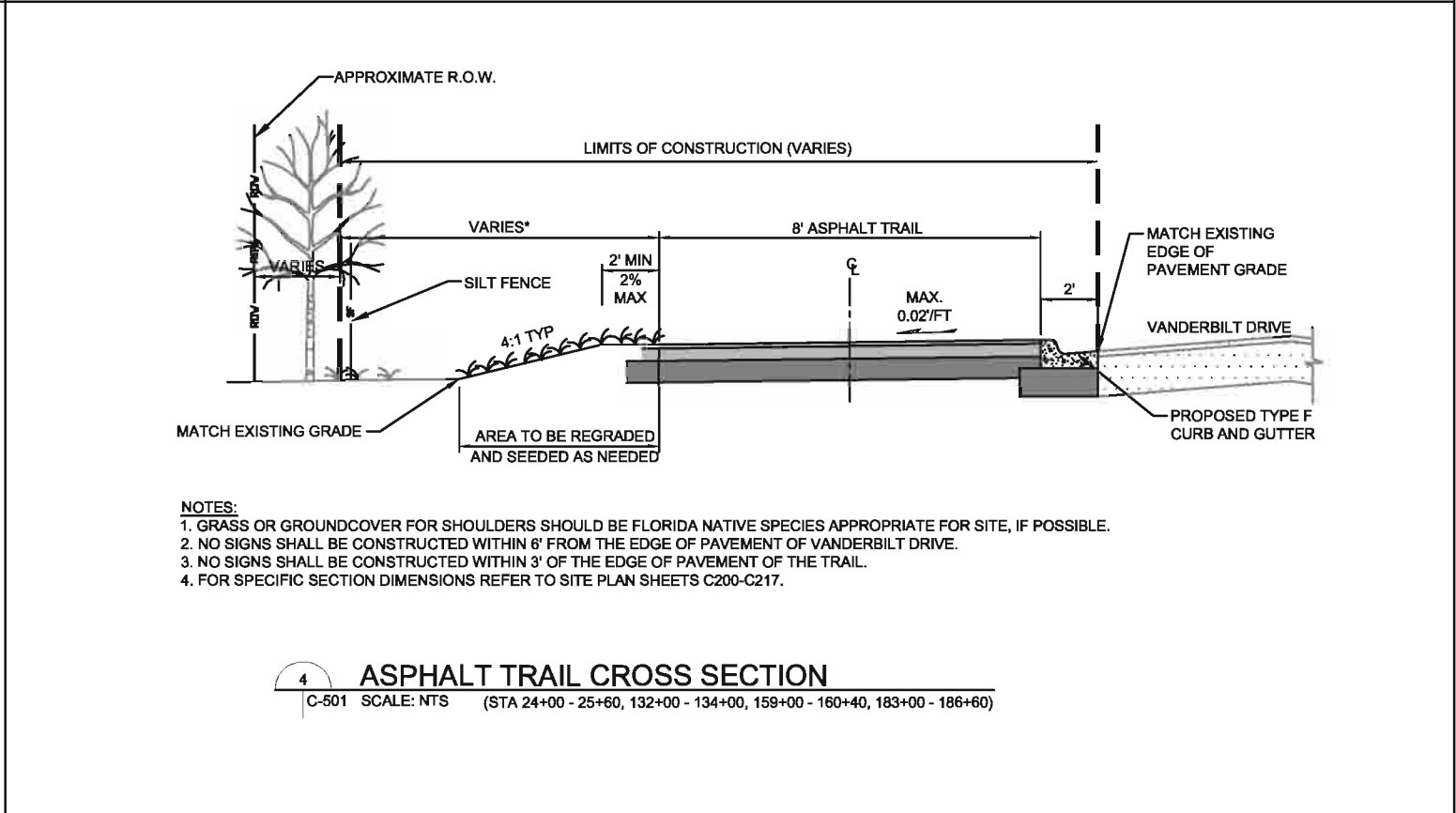
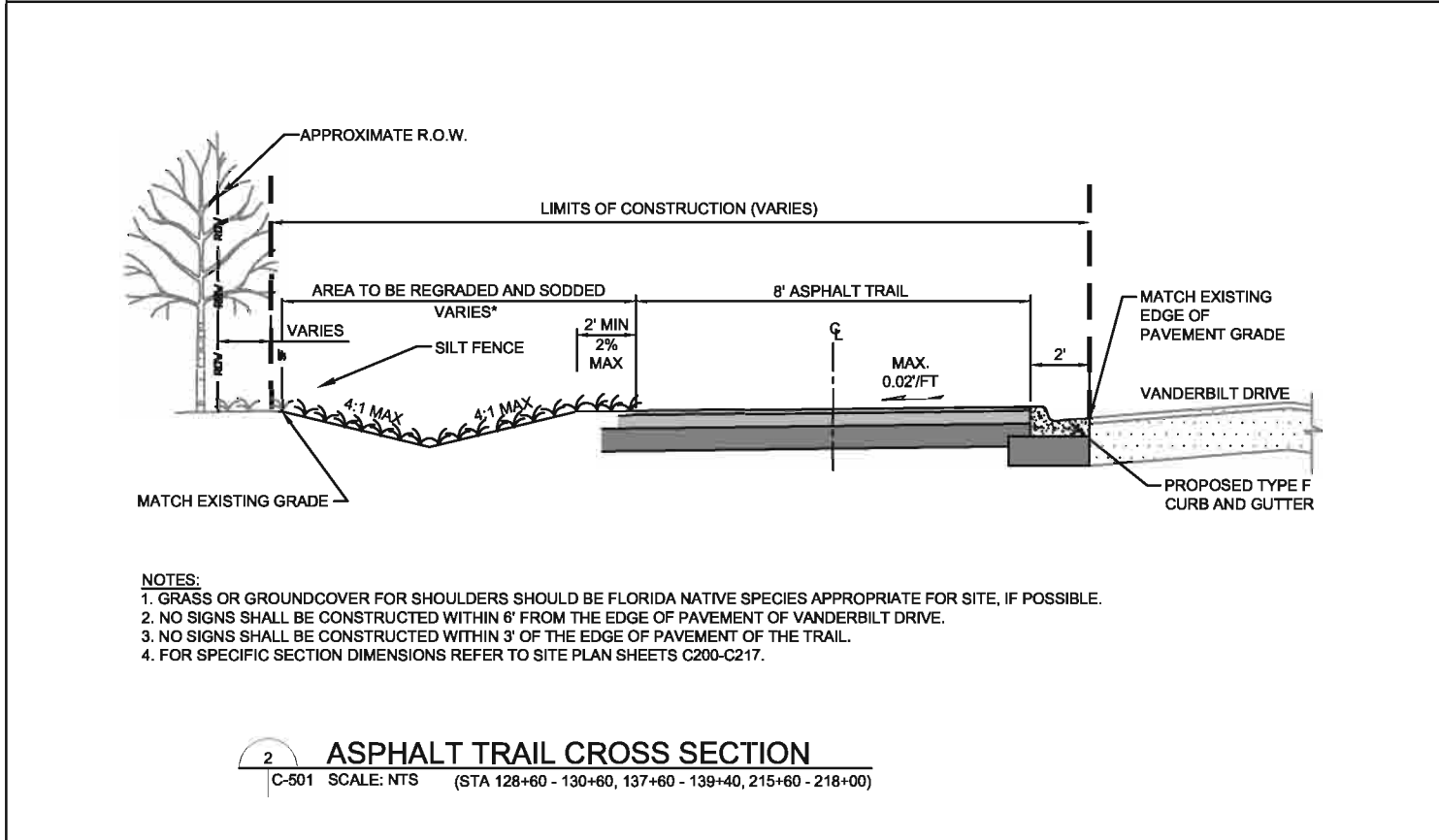
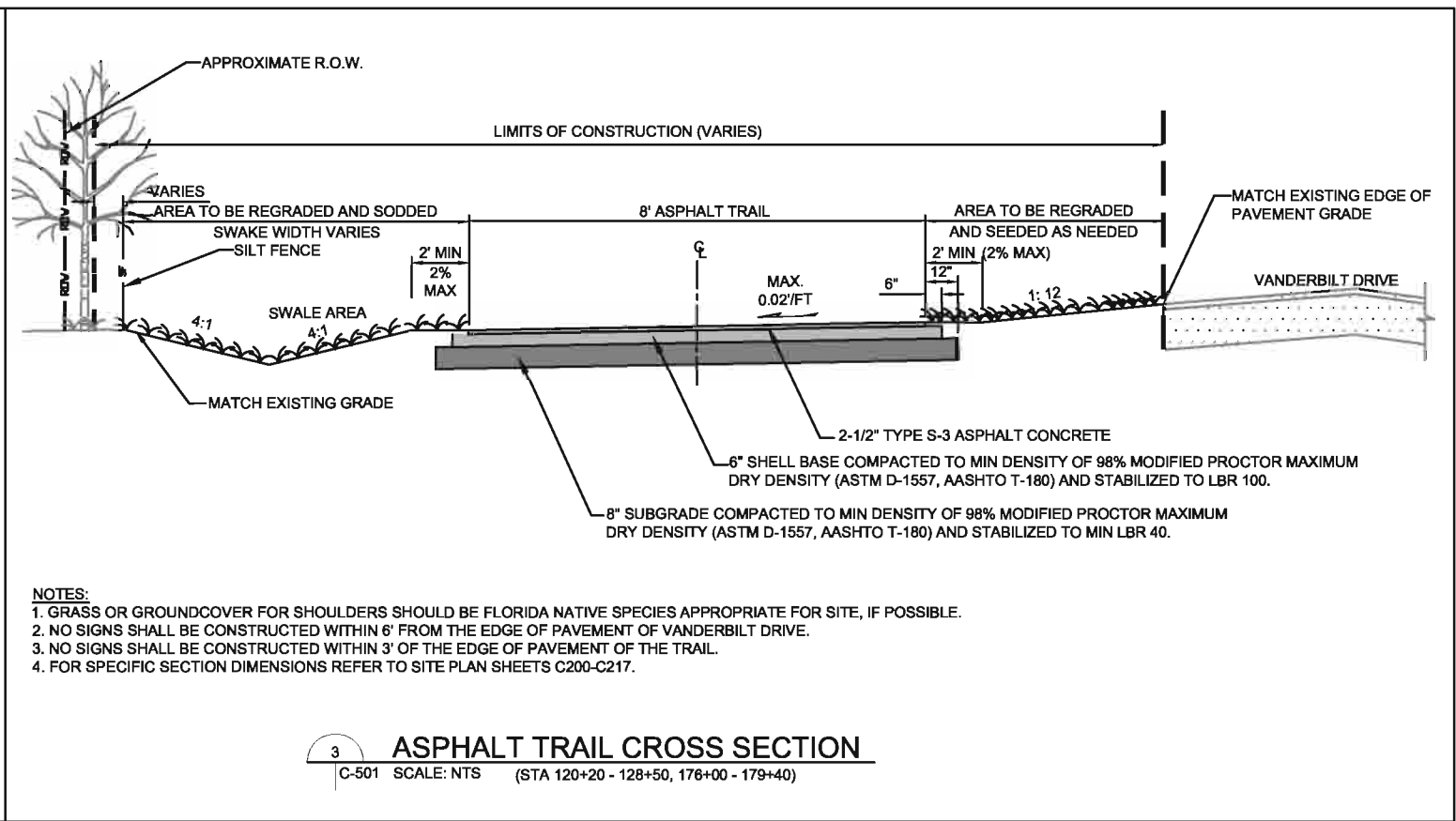
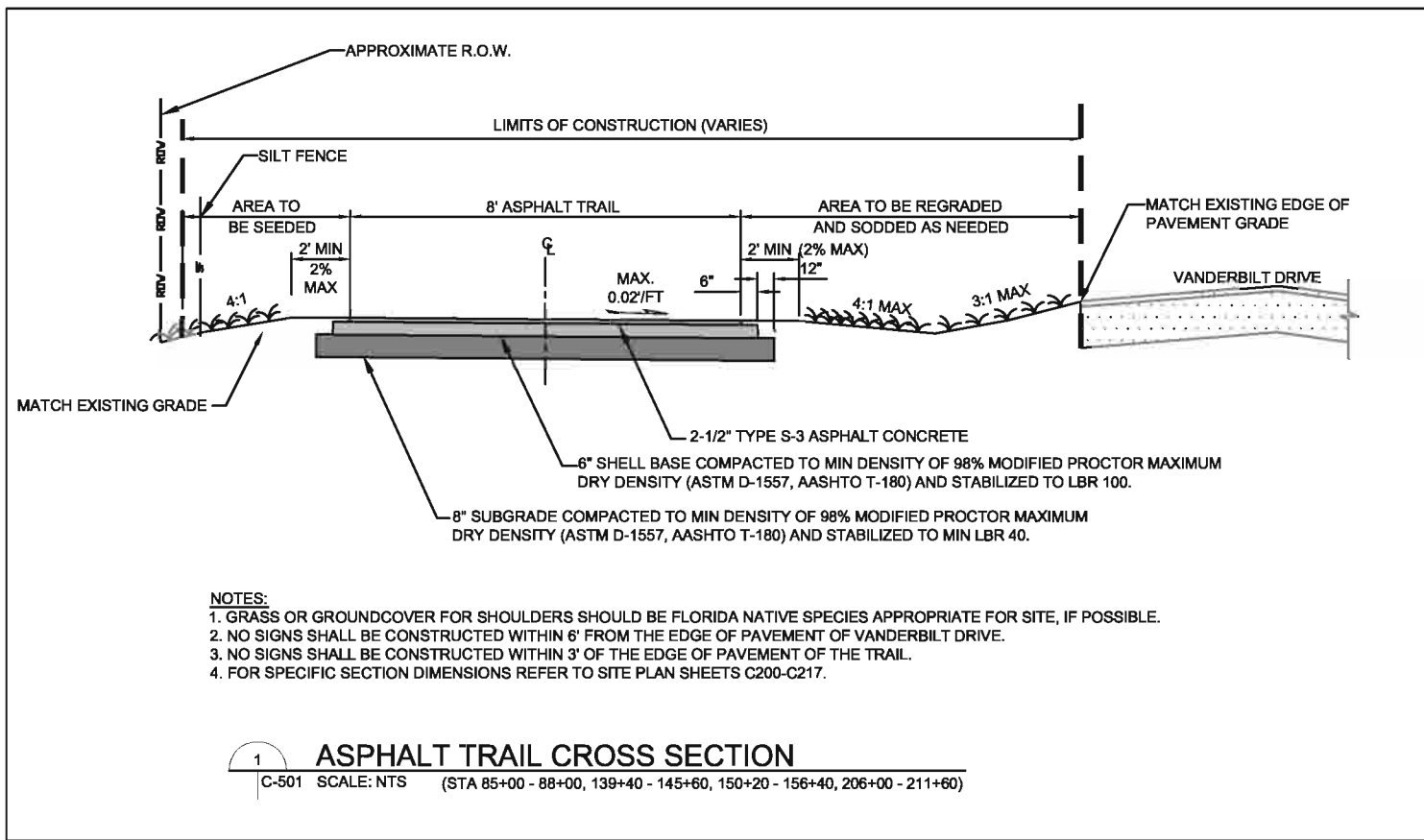
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2 **ASPHALT TRAIL CROSS SECTION FOR ENVIRONMENTAL SENSITIVE AREAS**
 C-500 SCALE: NTS (STA 34+00 - 47+65, 50+00 - 67+00)

4 **ASPHALT TRAIL CROSS SECTION (111+80 - 118+50)**
 C-500 SCALE: NTS

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| <p>101 Arthur Andersen Parkway, Suite 260 Sarasota, Florida 34232 Ph. (941) 378-0272 Fax. (941) 371-7297 www.atkinsglobal.com/northamerica</p> <p>Atkins, North America (Principal Address) 4030 W. Boy Scout Boulevard Suite 700, Tampa, FL 33607 FBPR Certificate of Authorization No.: 24</p> | CLIENT | PROJECT | TASK | ORIGINAL DATE: 11/17/09 | 6 _____ | JOB NO. 100010962 DATE 11/11/2011 DESIGNED JVC PE JVC CHECKED MRR QC RU / NLW Jarivette Vález Cuadrado, PE FL# 72835 SHEET C-500 |
| | COLLIER COUNTY | VANDERBILT DRIVE GREENWAY PROJECT | TRAIL CROSS-SECTIONS | REVISIONS: | 7 _____ | |
| | | COLLIER COUNTY, FLORIDA | | 1 _____ | 8 _____ | |
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