

1. THE CONSTRUCTION REQUIREMENTS SHOWN ON THE TYPICAL DRAWINGS THAT ARE DEPICTED AS REFERENCE DRAWINGS ON THESE ALIGNMENT SHEETS SHALL BE FOLLOWED UNLESS OTHERWISE INSTRUCTED BY FLORIDA SOUTHEAST CONNECTION (FSC).
2. THE DESIGN OF ALL FACILITIES IS IN ACCORDANCE WITH THE LATEST EDITION OF 49 CFR 192.
3. FOR ADDITIONAL CONSTRUCTION REQUIREMENTS, SEE SPECIFICATIONS IN THE AGREEMENT DOCUMENTS.
4. ALL BUTT WELDS ARE TO BE 100 PERCENT RADIOGRAPHICALLY INSPECTED. ALL OTHER WELDS TO BE NON-DESTRUCTIVELY TESTED IN ACCORDANCE WITH THE CONSTRUCTION SPECIFICATIONS AND/OR API 1104, WHICHEVER IS MORE STRINGENT.
5. DO NOT HYDROSTATICALLY TEST AGAINST ANY CLOSED VALVES.
6. UNLESS OTHERWISE INDICATED, PRE-FABRICATED INDUCTION BENDS OR FITTINGS ARE TO BE USED ONLY AT THOSE LOCATIONS DESIGNATED ON THE DRAWINGS APPROVED FOR CONSTRUCTION UNLESS OTHERWISE ALLOWED BY FSC. FSC IS SUPPLYING THESE FITTINGS AND BENDS FOR THE CONTRACTOR'S USE AS NECESSARY TO REDUCE THE AMOUNT OF WORK SPACE NEEDED IN SOME CASES. IF ADDITIONAL FITTINGS OR INDUCTION BENDS ARE REQUIRED BY THE CONTRACTOR, THEY SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE AND INSTALL. ALL OTHER CHANGES IN DIRECTION OF THE PIPELINE ARE TO BE MADE BY FIELD COLD BENDING AS PER THE FOLLOWING TABLE:

FIELD COLD BENDS

PIPE OD (INCHES)	MIN TANGENT (FEET)	MAX BEND PER FOOT OF PIPE (DEGREE LENGTH PER DIAMETER)	MAX BENDING PER JOINT (DEGREES) (40° JOINT/80° JOINT)	EQUIVALENT MIN BEND RADIUS (FEET)
30	5	1.35	16.2/37.8	40D
36	5	1.35	13.5/31.5	40D

7. ALL FIELD JOINTS SHALL BE ABRASIVE BLAST CLEANED AND COATED WITH MINIMUM OF 14-16 MILS FUSION BONDED EPOXY (FBE) OR APPROVED EQUAL. SUBMIT PROPOSED FIELD JOINT COATING TO FSC FOR APPROVAL.
8. HOLIDAYS IN THE FBE PIPE COATING SHALL BE GRIT BLASTED TO SSPC SP-10 (NEAR WHITE) CLEANLINESS AND REPAIRED WITH SPECIALTY POLYMER COATINGS, INC. SP-2888 EPOXY-URETHANE COATING OR APPROVED EQUAL. PINHOLE HOLIDAYS MAY BE REPAIRED WITH PATCH MELT STICKS, UPON APPROVAL BY FSC.
9. ALL PIPE USED FOR DIRECTIONAL DRILL AND BORE CROSSINGS WILL BE COATED WITH MINIMUM OF 14-16 MILS FBE AND OVERCOATED WITH 24-30 MILS OF ABRASION RESISTANT OVERLAY (ARO) COATING. THE JOINTS SHALL BE ABRASIVE BLAST CLEANED AND COATED WITH ARO FIELD JOINT COATING MATERIAL, APPROVED BY FSC.
10. ALL OTHER BARE PIPE, VALVES, FITTINGS AND FLANGES FOR BURIED PIPE SERVICE WILL BE ABRASIVE BLAST CLEANED AND COATED WITH 14-16 MILS OF KOP-COAT BITUMASTIC 300M COAL TAR EPOXY POLYAMIDE COATING OR APPROVED EQUAL. HOLIDAY AND COATING DAMAGE ON SHOP AND FIELD COATED MATERIAL WILL BE REPAIRED WITH 14-16 MILS OF KOP-COAT BITUMASTIC 300M COAL TAR EPOXY POLYAMIDE COATING OR APPROVED EQUAL. THE USE OF SHRINK SLEEVES IS NOT PERMITTED.
11. HEAVY WALL PIPE PLACED UNDER ROAD AND RAILROAD CROSSINGS IS TO EXTEND A MINIMUM OF 10' PAST EACH ROAD AND RAILROAD RIGHT OF WAY LINE OR AS OTHERWISE REQUIRED BY THE PERMIT CONDITIONS.
12. THE ROAD AND RAILROAD CROSSING PERMIT AND THE DRAWING ATTACHED TO THE PERMIT SHALL BE CONSULTED FOR ADDITIONAL PERMIT CONDITIONS SUCH AS BURIAL DEPTH, BACKFILL SPECIFICATION, ETC.
13. ALL PIPING IS TO BE INSTALLED AT THE SPECIFIED ELEVATIONS ABOVE AND BELOW FINISHED GRADE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SEE THAT THESE DIMENSIONS ARE MAINTAINED.
14. THE CONTRACTOR IS TO FIELD VERIFY SIZES, DIMENSIONS, LOCATIONS AND ELEVATIONS OF EXISTING FSC AND FOREIGN PIPELINES AND UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR IS REQUIRED TO COORDINATE THE LOCATION, DEPTH, SIZE AND TYPE OF PIPING WITH THE FOREIGN UTILITY AND POT HOLE OR OTHERWISE CONFIRM LOCATIONS PRIOR TO OPEN CUTTING, BORING OR HORIZONTAL DIRECTIONAL DRILLING IN CLOSE PROXIMITY TO THE FOREIGN PIPELINES. FLORIDA ONE CALL (SUNSHINE 811) SHALL BE CONTACTED PRIOR TO ANY EXCAVATIONS AND ONE CALL TICKETS SHALL BE PROVIDED TO FSC. CONTRACTOR WILL BE RESPONSIBLE TO INSTALL THE GAS PIPELINE AT A DEEPER ELEVATION THAN SHOWN ON THE DRAWINGS OR REQUIRED BY PERMIT CONDITIONS IF NECESSARY TO AVOID FOREIGN UTILITIES. CONTRACTOR IS TO ABIDE BY FOREIGN UTILITY AND FSC UTILITY INSTALLATION METHODS. THE CONTRACTOR SHALL NOTIFY THE OWNER OF THE FOREIGN UTILITY AT LEAST 48 HOURS PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL UTILITIES. CONTRACTOR SHALL ALSO COORDINATE INSTALLATION OF CP TEST STATION AT ALL FOREIGN UTILITY CROSSINGS. CONTRACTOR SHALL NOTE THAT NOT ALL FOREIGN UTILITIES ARE INCLUDED IN THE ONE CALL SYSTEM. UTILITIES SUCH AS TRAFFIC LIGHTING AND SOME FIBER OPTIC IN THE DOT ROWS ARE NOT COVERED BY ONE CALL. THE CONTRACTOR IS RESPONSIBLE TO IDENTIFY THOSE UTILITIES THAT ARE NOT COVERED, CONTACT THE UTILITY OWNER, AND COORDINATE CROSSING OF THE UTILITIES.
15. ALL ROAD, RAILROAD AND STREAM CROSSINGS, ETC. ARE TO BE PROFILED IMMEDIATELY AFTER INSTALLATION OF THE PIPELINE TO PRODUCE A TRUE CROSS SECTION SHOWING THE PIPELINE IN THE AS-BUILT CONDITION. ALSO ALL FOREIGN PIPELINE CROSSINGS THAT ARE CROSSED BY THE FSC PIPELINE ARE TO BE LOCATED AND IDENTIFIED IN THE AS-BUILT NOTES. THE IDENTIFICATION SHALL INCLUDE THE NAME OF THE OWNER COMPANY, THE DIAMETER, THE MATERIAL OF THE PIPE, THE DEPTH TO THE TOP OF THE PIPE, THE CLEARANCE BETWEEN THE PIPE AND FSC PIPELINE, AND THE PRODUCT TRANSPORTED THROUGH THE FOREIGN PIPELINE.
16. PRIOR TO START OF CONSTRUCTION, CONTRACTOR WILL PROVIDE TO FSC A PLAN WITH DRAWINGS OR SKETCHES TO PROTECT ALL FOREIGN LINES TO BE CROSSED WITH CONSTRUCTION EQUIPMENT. THIS WILL REQUIRE INSTALLATION OF FILL, MATS OR MAT BRIDGING. PROPOSED PLAN MUST MEET THE APPROVAL OF FSC AND FOREIGN PIPELINE OWNER PRIOR TO INSTALLING.
17. CONTRACTOR SHALL NOTIFY FSC 48 HOURS IN ADVANCE OF EXCAVATION WITHIN 25 FEET OR LESS OF EXISTING PIPELINES.
18. THE ABOVE GROUND PIPING IS TO BE PAINTED IN ACCORDANCE WITH THE SPECIFICATIONS BEFORE PLACING IN SERVICE.
19. THE CONSTRUCTION DRAWINGS INDICATE POTENTIAL AREAS OF NEGATIVE BUOYANCY CONTROL. FSC FIELD CONSTRUCTION PERSONNEL SHALL MAKE THE FINAL DETERMINATION OF THE START AND END LOCATIONS FOR NEGATIVE BUOYANCY CONTROL IF NECESSARY ALONG WITH THE TYPE OF NEGATIVE BUOYANCY CONTROL METHOD TO BE INSTALLED. SEE DRAWING NO. 21040-510-TYP-20113.
20. THE CONTRACTOR IS RESPONSIBLE FOR STAKING OUT ENVIRONMENTAL PROVIDED WATERBODIES AND WETLAND DELINEATIONS, ALONG THE PIPE CENTERLINE, TEMPORARY WORKSPACES AND ADDITIONAL TEMPORARY WORKSPACES.
21. PIPE WITH CONCRETE COATING APPLIED OVER THE FUSION BONDED EPOXY COATING TO ACHIEVE NEGATIVE BUOYANCY, SHALL HAVE A CONCRETE THICKNESS BASED ON A SPECIFIC GRAVITY OF 1.25 AND 140 LBS/CUFT CONCRETE AS SHOWN ON DRAWING NO. 21040-510-TYP-20112.
22. ALL MILE POST DESIGNATIONS SHOWN ON THESE DRAWINGS ARE FOR REFERENCE ONLY; THEY DO NOT REPRESENT ACTUAL PIPELINE MILEAGE.
23. A MINIMUM CLEARANCE OF 18" SHALL BE MAINTAINED BETWEEN ANY EXISTING FOREIGN PIPELINE, UTILITY, DRAIN TILE, OR ANY OTHER EXISTING UNDERGROUND FACILITY. KINDER MORGAN REQUEST 24" CLEARANCE.

24. FOR THE PIPELINE MARKER AND AERIAL MARKER FABRICATION AND INSTALLATION DETAILS, SEE TYPICAL AERIAL AND PIPELINE LOCATION MARKER DETAILS, DRAWING 21040-510-TYP-20115 & 21040-510-TYP-20117. CONTRACTOR SHALL PROVIDE ALL MARKER STICKERS WITH VERBIAGE AS DIRECTED BY FSC.
25. FOR CATHODIC TEST STATION FABRICATION AND INSTALLATION DETAILS, SEE CATHODIC TEST STATION CONSTRUCTION TYPICAL DRAWINGS 15127-100-FL SOUTHEAST CONNECTION-CP-IFC 0.
26. CASING IS NOT TO BE INSTALLED AROUND THE CARRIER PIPE AT ANY ROAD, RAILROAD OR STREAM CROSSING OR OTHER LOCATION UNLESS SPECIFICALLY SHOWN ON THE CONSTRUCTION DRAWINGS OR UNLESS THE CONTRACTOR AND FSC MUTUALLY AGREE THAT THE CASING IS NECESSARY FOR A SUCCESSFUL CROSSING.
 - I. M.P. 41.6 TO M.P. 42.0
 - II. M.P. 51.2 TO M.P. 51.6
 - III. M.P. 72.6 TO M.P. 72.9
 - IV. M.P. 86.0 TO M.P. 86.4
27. FOR WELDING DIFFERENT WALL THICKNESS PIPE, WHERE THE DIFFERENCE IN WALL THICKNESS EXCEEDS 3/32", THE TRANSITION IS TO BE MADE EITHER BY A FSC APPROVED TAPER CUT ON THE INSIDE EDGE OF THE THICKER SECTION WITH A TAPER ANGLE NOT STEEPER THAN 30 DEGREES NOR LESS THAN 14 DEGREES, OR BY BACK WELDING PER ASME B31.8. CONTRACTOR SHALL SUBMIT PROCEDURES FOR EITHER METHOD TO FSC FOR REVIEW AND APPROVAL. PIPELINE CONTRACTOR IS RESPONSIBLE FOR ALL PIPE BEVELING.
28. AT LEAST 48 HOURS PRIOR TO START OF CONSTRUCTION OF EACH AND ALL WATERBODY CROSSINGS, AN ONSITE REVIEW OF THE PROPOSED CROSSING PLAN WILL BE CONDUCTED BY THE CONTRACTOR AND FSC.
29. ALL TRASH AND DEBRIS SHALL BE CLEANED UP DAILY FROM THE CONSTRUCTION SITE.
30. FOR HOT TAPPING OR STOPPLING, THE PRESSURE SHALL NOT EXCEED THE VENDOR RECOMMENDED PRESSURE OR THE MAOP OF THE PIPELINE, WHICHEVER IS LOWER.

31. IN ADDITION TO THE LOCATIONS SHOWN ON THE ALIGNMENT SHEETS, THE FSC CONTRACTOR IS TO INSTALL PIPELINE WARNING SIGNS/MARKERS AT THE LOCATIONS BASED ON 192 REQUIREMENTS AS SHOWN BELOW:

THE 192 RULE STATES IN PARAGRAPH 192.707 (v) "USE OF LINE-OF-SIGHT MARKERS SATISFYING REQUIREMENTS OF PARAGRAPH 192.707 (d) EXCEPT IN AGRICULTURAL AREAS, LARGE WATER CROSSINGS, OR SWAMP/ STEEP TERRAIN, OR WHERE PROHIBITED BY FEDERAL REGULATORY COMMISSION ORDERS, PERMITS, OR LOCAL LAW".

THE FOLLOWING ARE GUIDELINES FOR COMPLIANCE TO THE ABOVE RULE:

- EACH SIDE OF A PUBLIC ROAD CROSSING
 - EACH SIDE OF A HEAVILY TRAFFICKED PRIVATE ROAD CROSSING
 - EACH SIDE OF RAILROAD
 - AT MAJOR CHANGES IN DIRECTION (PI/S) OF THE PIPELINE
 - EACH SIDE OF LARGER CREEKS, STREAMS AND RIVERS
 - EACH SIDE OF MAJOR DITCHES AND CANALS
 - EACH FENCE CROSSED (PROPERTY LINE FENCES AND PASTURE FENCES)
 - EACH NON-FENCED PROPERTY LINE CROSSED
 - AND AT INTERVALS NOT TO EXCEED 500 FT
 - OTHER POINTS AS REASONABLE AND PROPER AS DETERMINED BY FSC
32. THE QUANTITY OF PIPELINE WARNING SIGNS AND PIPELINE MARKERS ON EACH INDIVIDUAL ALIGNMENT SHEET IS FSC "BEST GUESS" AS TO THE QUANTITY NEEDED TO MARK THE CONSTRUCTED PIPELINE. ADDITIONAL MARKERS MAY BE REQUIRED AND SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
 33. FUELING ZONES SHOULD BE APPROVED BY FSC.
 34. THE CONTRACTOR SHALL PROVIDE ALL REQUIRED TEMPORARY PIG LAUNCHERS AND RECEIVERS TO COMPLETE THE CLEANING, CALIPER PIG RUN, FILLING AND DEWATERING. THE PIG LAUNCHING AND RECEIVING MATERIAL SHALL BE DESIGNED TO PROVIDE A SAFE WORKING ENVIRONMENT. THE RECEIVING BARRELS SHOULD NOT ALLOW THE PIG TO BE PROPELLED UNCONTROLLED INTO AN OPEN DITCH AND SHOULD ALLOW ALL CONSTRUCTION DEBRIS AHEAD OF THE PIG TO BE CAUGHT FOR PROPER DISPOSAL. CONTRACTOR SHALL SUBMIT ALL THE MATERIAL TEST REPORTS (MTR'S) AND TEST RESULTS USED FOR THE TEMPORARY LAUNCHERS AND RECEIVERS.
 35. DURING CONSTRUCTION, CONTRACTOR SHALL REPLACE OBSTRUCTIONS THAT ARE TEMPORARILY REMOVED AS NECESSARY. ITEMS INCLUDED BUT NOT LIMITED TO THE FOLLOWING:
 - MONUMENTS
 - LAMP POSTS
 - IRON RODS
 36. DURING CONSTRUCTION, CONTRACTOR SHALL REPLACE CULVERTS THAT ARE TEMPORARILY REMOVED AS NECESSARY AND REPLACED WITH NEW MATERIALS THAT ARE THE SAME SIZE AND DEPTH AS PRIOR TO CONSTRUCTION.
 37. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL AFFECTED RESTAURANTS, HOMES, BUILDINGS, AND ESTABLISHMENTS. BLOCKAGE OF RESIDENTIAL DRIVEWAYS SHOULD BE MINIMIZED AND EMERGENCY INGRESS AND EGRESS PLANS TO ALLOW ACCESS SHOULD BE IN PLACE WHERE NECESSARY. REFERENCE THE LANDOWNER CONDITION'S LIST FOR SPECIFIC REQUIREMENTS WHERE FACILITY PARKING AREAS ARE AFFECTED BY CONSTRUCTION. CONTRACTOR SHALL TEMPORARILY RESTORE AFFECTED PARKING AREAS IMMEDIATELY AFTER TRENCH BACKFILL AND SCHEDULE FINAL PARKING AREA RESTORATION WITHIN 14 DAYS OF TEMPORARY RESTORATION.
 38. CONTRACTOR SHALL INSTALL TEMPORARY FENCING TO KEEP LIVESTOCK FROM FALLING IN OPEN TRENCHES, EXITING PROPERTY, ENTERING ROADWAY, ETC.
 39. RESTORE ALL IMPACTED IRRIGATION DITCHES THROUGHOUT THE CORRIDOR TO PRE-CONSTRUCTION CONTOURS AND CONDITIONS.
 40. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PRESERVE LARGE TREES WHEREVER POSSIBLE.
 41. INSTALL GATES IN THE EASEMENT WHERE FENCING IS BEING REMOVED. ANY AND ALL FENCES THAT ARE CROSSED SHOULD HAVE A 10' WIDE GATE INSTALLED, FOR ACCESS FOR PIPELINE SURVEILLANCE.
 42. CONTRACTOR IS TO LOCATE ALL ELECTRIC, WATER IRRIGATION, AND SEWER SERVICES TO RESIDENCES AND COMMERCIAL ESTABLISHMENTS AND PROTECT DURING CONSTRUCTION.
 43. CONTRACTOR SHALL REPAIR OR REPLACE ANY DAMAGED IRRIGATION PIPING IN AGRICULTURAL AND OTHER AREAS TO A CONDITION ACCEPTED BY LANDOWNER.
 44. UNLESS SPECIFICALLY NOTED ON PERMIT OR CONSTRUCTION DRAWINGS, CONTRACTOR SHALL NOT FILL ANY WETLAND AREAS DURING CONSTRUCTION FOR USE OF TEMPORARY ACCESS ROADS.

45. CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS WITHIN THE LANDOWNER CONDITIONS AND/OR AGREEMENTS. THE FOLLOWING ITEMS ALONG THE ROW REQUIRE SPECIAL ATTENTION AND THE CONTRACTOR SHALL RESTORE OR REPLACE TO A CONDITION BETTER THAN OR EQUAL TO CONDITIONS PRIOR TO CONSTRUCTION. ALL OTHER STRUCTURES AND ITEMS TEMPORARILY REMOVED OR REPLACED DURING CONSTRUCTION SHALL ALSO BE REPLACED OR RESTORED TO PRE-CONSTRUCTION CONDITIONS.
 - I. M.P. 41.6 TO M.P. 42.0
 - II. M.P. 51.2 TO M.P. 51.6
 - III. M.P. 72.6 TO M.P. 72.9
 - IV. M.P. 86.0 TO M.P. 86.4
46. IN AREAS IDENTIFIED ON THE ALIGNMENT SHEET AS "POTENTIAL SAND SKINK HABITAT", CONTRACTOR SHALL SEGREGATE THE TOP 6 INCHES OF THE SOIL FROM THE SUBSOIL. THE TOP SOIL SHALL BE REPLACED ON TOP OF THE TRENCH BACKFILL DURING RESTORATION. CONTRACTOR SHALL USE EQUIPMENT THAT MINIMIZES SOIL DISTURBANCES DURING CLEARING (I.E. HYDRO AX). THESE AREAS SHALL NOT BE SEEDED AND SHALL ALLOW FOR NATURAL REVEGETATION ONLY.
47. THERE ARE SEVERAL LOCATIONS WHERE POWER OR LIGHT POLES AND GUY ANCHORS ARE WITHIN CLOSE PROXIMITY TO THE CENTERLINE OF THE PIPELINE. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE PIPELINE WITH THE UTILITY OWNER. WHERE NECESSARY, CONTRACTOR SHALL INSTALL SHEET PILING TO PROTECT THE POLES AND ANCHORS AND/OR COORDINATE POLE HOLDS WITH THE UTILITY OWNER. SHIFTING OF THE PIPING IN THE EASEMENT TO AVOID POLES AND ANCHORS SHALL BE ACCEPTABLE ONLY IN THE LOCATIONS SPECIFICALLY APPROVED BY FSC. CONTRACTOR IS RESPONSIBLE FOR ALL COST ASSOCIATED WITH AVOIDANCE OF DAMAGE TO POLE AND ANCHORS.
48. CONTRACTOR SHALL COORDINATE CLEARING ACTIVITIES WITH FSC CONTRACTOR WHEN RELOCATING GOPHER TORTOISES.
49. THE ALIGNMENT SHEETS PROVIDE MINIMUM REQUIRED DEPTHS OF PIPING. THESE MINIMUMS ARE TO THE TOP OF CONCRETE COATING OR TO THE TOP OF SADDLE BAGS. DEPTH OF EXISTING FOREIGN UTILITIES AND CULVERTS ARE NOT KNOWN AND THE DEPTH OF FSC PIPELINE REQUIRED TO BE UNDER FOREIGN PIPELINES AND CULVERTS IS NOT INDICATED ON THE ALIGNMENT SHEETS. CONTRACTOR IS RESPONSIBLE TO INSTALL FSC PIPELINE UNDER EXISTING UTILITIES WITH SPECIFIC CLEARANCES WHETHER INDICATED OR NOT INDICATED ON ALIGNMENT SHEETS.
50. CONTRACTOR SHALL BE RESPONSIBLE TO MINIMIZE VIBRATION DURING CONSTRUCTION INCLUDING DURING SHEET PILE INSTALLATIONS WHEN IN CLOSE PROXIMITY OF STRUCTURES. CONTRACTOR SHALL MONITOR AND RECORD VIBRATION DURING CONSTRUCTION WHEN WORKING WITHIN 50' OF A STRUCTURE OR WHEN DIRECTED BY FSC.
51. CONTRACTOR SHALL NOT USE WORKSPACE ON ALL PUBLIC AND COUNTY ROADS.

CONTRACTOR SPECIAL PROVISIONS

CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS WITHIN THE LANDOWNER CONDITIONS AND/OR AGREEMENTS. THE FOLLOWING ITEMS ALONG THE ROW REQUIRE SPECIAL ATTENTION AND THE CONTRACTOR SHALL RESTORE OR REPLACE TO A CONDITION BETTER THAN OR EQUAL TO CONDITIONS PRIOR TO CONSTRUCTION.

- AT TRACT 1075.01: AN OLD STONE AND STEEL GATE ON THE PRIVATE DRIVEWAY.
- AT TRACT 1075.36: A LARGE SECURITY GATE WITH BRICK COLUMNS.
- AT TRACT 1075.5: A 6" THICK CONCRETE PARKING LOT EXISTS. CONTRACTOR SHALL NEATLY SAW CUT, DOWEL REINFORCEMENT INTO THE EXISTING CONCRETE AT 18" O.C. AND REPLACE CONCRETE TO MATCH THE EXISTING.
- AT TRACT 1090: REPLACE GATE IF IMPACTED.
- AT TRACT 1178: A GATE AT DRIVEWAY.
- AT TRACT 1289.5: A STEEL GATE WITH PILLARS.
- AT TRACT 1293.3: TWO GATES.
- AT TRACTS 1473 AND 1484: 17' GATES.
- AT TRACT 3001: CATTLE PEN.
- AT TRACT 3016: HORSE TRACK AND CATTLE PEN.
- AT TRACT 3061: A LARGE SECURITY FENCE.
- AT TRACT 3065: A DUMPSTER AND OTHER FIXED EQUIPMENT.

CONTRACTOR SHALL PROTECT ABOVE GROUND FEATURES FROM DAMAGE DURING CONSTRUCTION. THESE FEATURES INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING. PROTECTION SHALL INCLUDE A MINIMUM OF INSTALLING SAFETY FENCES OR OTHER BARRICADES AROUND THE PERIMETER OF THE FEATURE TO ENSURE NO DAMAGE OCCURS.



- AT TRACT 1006.2: SHELTER.
- AT TRACT 1075.421: WELL PUMP HOUSE.
- AT TRACT 1075.48: A SEPTIC TANK MAY EXIST IN THE WORKSPACE ON THE SOUTH SIDE OF THE BUILDING.
- AT TRACT 1092: IRRIGATION WELL AND PUMP IN THE TEMPORARY WORKSPACE.
- AT TRACT 1132: WATER WELL.
- AT TRACT 1177.1: WELL AND PUMP.
- AT TRACT 1322.37: A SEPTIC TANK AND DRAIN FIELD IS LOCATED IN THE NORTHWEST CORNER OF THE ADDITIONAL TEMPORARY WORKSPACE.
- AT TRACT 1338.1: A WATER WELL.
- AT TRACT 1389.3: WATER WELL.
- AT TRACT 1484.26: WATER WELL.
- AT TRACT 3001: TWO WATER WELLS, AND A SEPTIC TANK.
- AT TRACT 3025: WELL AND TANK.
- AT TRACT 3025.1: ABOVE GROUND TANK.
- AT TRACT 3027.7: WATER WELL AND PUMP.
- AT TRACT 4008: WATER PUMP SHED.
- AT TRACT 5006: TWO WATER WELLS.
- AT TRACT 5027.1: WELL AND STUCCO WATER PUMP.

ALONG THE PIPELINE ROUTE, STRUCTURES WILL NEED TO BE DEMOLISHED AND LEGALLY DISPOSED OF. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS REQUIRED FOR REMOVAL AND DISPOSAL OF STRUCTURES. THE STRUCTURES INCLUDES BUT ARE NOT LIMITED TO THE FOLLOWING:

- AT TRACT 1036.4: MOBILE HOME.
- AT TRACT 1319: HOUSE.
- AT TRACT 1320.1: MOBILE HOME.
- AT TRACT 3001: FOUR HOUSES AND TWO BARN.
- AT TRACT 4021.5: TWO MOBILE HOMES.

THE LIST BELOW SHOWS TEMPORARY ACCESS ROADS ALONG WITH THEIR CORRESPONDING REFERENCE DRAWINGS. ALL OTHER TEMPORARY ACCESS ROADS SHOULD REFERENCE 21040-510-TYP-20122.

ROAD	MP	TYPE	DOCUMENT #
CR 532	0.06	J&B-AR 64 & 65	21040-510-TYP-20122
OLD KISSIMMEE HWY	0.67	J&B-AR 1 & 2	21040-510-TYP-20120
LABOR CAMP RD (CHURCH RD)	0.85	J&B-AR 3 & 4	21040-510-TYP-20120
PARKER RD	1.11	J&B-AR 5 & 6	21040-510-TYP-20120
UNNAMED RD	1.41	AR 1427	21040-510-TYP-20122
HWY 17/92	1.51	J&B-AR 7 & 7A	21040-510-TYP-20122
HWY 17/92	2.82	J&B-AR 8 & 9	21040-510-TYP-20122
UNNAMED RD	3.62	AR 1459	21040-510-TYP-20122
UNNAMED RD	3.68	AR 1435	21040-510-TYP-20122
SUNNY ACRES RD	4.09	J&B-AR 10 & 11	21040-510-TYP-20120
HWY 17/92	4.40	J&B-AR 12 & 12C	21040-510-TYP-20120
UNNAMED ROW (AR 1437)	8.94	J&B-AR 12A & 12B	21040-510-TYP-20120
ROOKS RD	9.42	J&B-AR 13 & 14	21040-510-TYP-20120
HINSON AVE	12.52	AR 1461	21040-510-TYP-20121
HINSON AVE	12.61	J&B-AR 17 & 18	21040-510-TYP-20120
BRADBURY RD	14.09	AR 1214	21040-510-TYP-20121
MARION RD	14.79	J&B-AR 19	21040-510-TYP-20120
KOKOMO RD	16.29	J&B-AR 20 & 21	21040-510-TYP-20120
WATER TANK RD	16.80	J&B-AR 22 & 23	21040-510-TYP-20120
LAKE HATCHINEHA RD	17.31	J&B-AR 24 & 25	21040-510-TYP-20120
WINDY HILL RD	18.68	J&B-AR 26 & 27	21040-510-TYP-20120
CANAL RD	20.62	J&B-AR 28 & 29	21040-510-TYP-20120
TINDEL CAMP RD	22.13	J&B-AR 30 & 31	21040-510-TYP-20120
ST. HELENA RD	23.12	AR 1283	21040-510-TYP-20121
LAKE J L MASSEY RD	23.37	J&B-AR 32 & 33	21040-510-TYP-20120
MASTERPIECE RD (CR 17)	23.88	J&B-AR 34 & 35	21040-510-TYP-20120
MASTERPIECE RD (CR 17)	1,200' WEST OF 23.88	AR 1346	21040-510-TYP-20121
MASTERPIECE RD (CR 17)	26.67	AR 1347	21040-510-TYP-20121
MASTERPIECE RD (CR 17)	26.68	AR 1348 (HIDDEN HAMMOCK RD)	21040-510-TYP-20121
MASTERPIECE RD (CR 17)	26.74	AR 1349 (UNNAMED RD)	21040-510-TYP-20121
MASTERPIECE RD (CR 17)	26.93	J&B-AR 37	21040-510-TYP-20120
MASTERPIECE RD (CR 17)	26.95	AR 1350	21040-510-TYP-20121
MAMMOTH GROVE RD	27.71	J&B-AR 38 & 39	21040-510-TYP-20120
MAMMOTH GROVE RD	27.71	AR 1354 (BASSETT RD)	21040-510-TYP-20121
BURNS AVE	1.6 MILES WEST OF 28.50	AR 26272 - AR TO CONTRACTOR YARD	21040-510-TYP-20123
CAPPS RD	28.95	AR 1438	21040-510-TYP-20120
CAPPS RD	28.99	J&B-AR 40 & 40A	21040-510-TYP-20120
STOKES RD	29.72	J&B-AR 41 & 42	21040-510-TYP-20120
STOKES RD	29.98	AR 9456	21040-510-TYP-20120
WEST LAKE WALES RD	7.8 MILES WEST OF 30.56	AR 27473 - AR TO PIPE YARD	21040-510-TYP-20123
WEST LAKE WALES RD	7.8 MILES WEST OF 30.56	AR 27474 - AR TO PIPE YARD	21040-510-TYP-20123
WEST LAKE WALES RD	7.8 MILES WEST OF 30.56	AR 25071 - AR TO PIPE YARD	21040-510-TYP-20123
WEST LAKE WALES RD	7.8 MILES WEST OF 30.56	AR 25072 - AR TO PIPE YARD	21040-510-TYP-20123
WEST LAKE WALES RD - RR OFFLOADING AR	7.8 MILES WEST OF 30.56	AR 25075 - AR TO RAIL YARD	21040-510-TYP-20123
FERRY ST	7.8 MILES WEST OF 30.56	AR 25076 - AR TO RAIL YARD	21040-510-TYP-20123
STORY RD	31.31	J&B-AR 44 & 44A	21040-510-TYP-20120
UNNAMED RD	31.56	AR 1445	21040-510-TYP-20122
ST ANNE SHRINE RD	32.82	J&B-AR 46 & 47	21040-510-TYP-20120
RATTLESNAKE RD	33.07	J&B-AR 48 & 49	21040-510-TYP-20120
GOLDEN BOUGH RD	34.02	J&B-AR 50	21040-510-TYP-20120
STERNBRIDGE RD	34.35	AR 1226	21040-510-TYP-20120
BREEN RD	34.66	J&B-AR 51 & 52	21040-510-TYP-20120
ORION LN	34.86	J&B-AR 53 & 54	21040-510-TYP-20120
BOY SCOUT CAMP RD	35.38	J&B-AR 55 & 56	21040-510-TYP-20120
TIGER LAKE RD	39.28	J&B-AR 57 & 58	21040-510-TYP-20120
SAM KEEN RD	41.03	J&B-AR 59	21040-510-TYP-20120
KISSIMMEE SHORE RD	43.43	J&B-AR 60 & 61	21040-510-TYP-20120
GRAPE HAMMOCK RD	51.46	J&B-AR 62 & 63	21040-510-TYP-20120
HWY 60	53.76	J&B-AR 66 & 66A	21040-510-TYP-20122
NW 364TH RD	82.07	J&B-AR 67 & 68	21040-510-TYP-20122
NW 344TH ST	83.42	J&B-AR 69 & 70	21040-510-TYP-20122
NE 327TH TR	84.65	J&B-AR 71 & 72	21040-510-TYP-20122
NE 326TH TR	84.79	J&B-AR 73	21040-510-TYP-20122
NE 325TH TR	84.87	J&B-AR 74 & 75	21040-510-TYP-20122
NE 304TH ST	86.65	J&B-AR 78 & 79	21040-510-TYP-20122
NE 48TH AVE	89.51	J&B-AR 80 & 81	21040-510-TYP-20122
NE 48TH AVE	90.52	AR 1420	21040-510-TYP-20122
SE 224TH ST	94.25	AR 1421	21040-510-TYP-20122
SE 224TH ST	2,500' WEST OF 94.25	AR 1248	21040-510-TYP-20122
SE 224TH ST	94.60	J&B-AR 82	21040-510-TYP-20122
STATE HWY 70	105.59	HDD-AR 1	21040-510-TYP-20122
BLUEFIELD RD	106.53	AR 1452	21040-510-TYP-20122
BLUEFIELD RD	107.45	AR 1424	21040-510-TYP-20122
BLUEFIELD RD	108.91	AR 1332	21040-510-TYP-20122
BLUEFIELD RD	109.25	J&B-AR 83 & 84	21040-510-TYP-20122
BLUEFIELD RD	110.00	AR 13859	21040-510-TYP-20122
BLUEFIELD RD	110.06	AR 12655	21040-510-TYP-20122
BLUEFIELD RD	75' WEST OF 110.06	AR 1274	21040-510-TYP-20122
COUNTY RD 714 (MARTIN COUNTY)	2,150' WEST OF 118.75	AR 1306/1335 (SW HOSANAH LN)	21040-510-TYP-20122
COUNTY RD 714 (MARTIN COUNTY)	700' EAST OF 118.75	AR 2660	21040-510-TYP-20122
COUNTY RD 714 (MARTIN COUNTY)	700' EAST OF 118.75	AR 2661	21040-510-TYP-20122

			Prepared By:		 FSC FLORIDA SOUTHEAST CONNECTION	
REV	DESCRIPTION	DATE	 UniversalPegasus INTERNATIONAL			
			DWN BY: GLE	DATE: 2016-04-08	ALIGNMENT SHEET GENERAL NOTES	
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