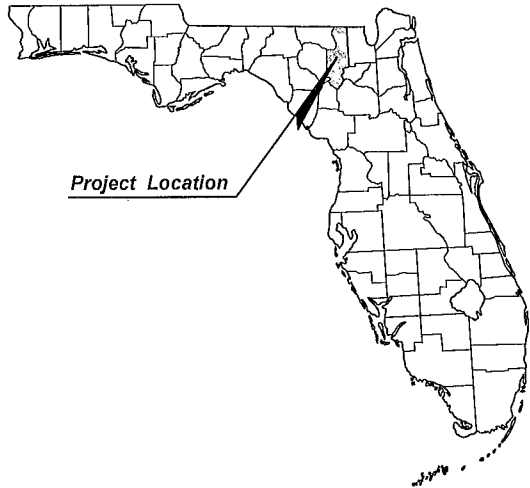
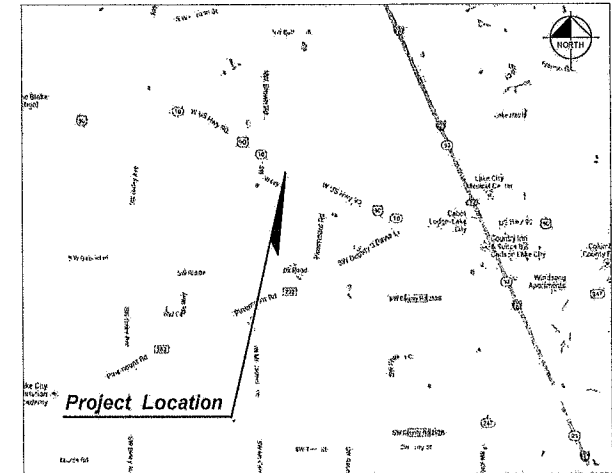




CONSTRUCTION PLANS FOR LAKE CITY DIALYSIS WEST FOR PCI - HEALTHDEV AUGUST 2014



LOCATION MAP

OWNER/DEVELOPER
LUKE PETERS
PCI - HEALTHDEV
8117 PRESTON ROAD #400
DALLAS, TX 75225
PHONE (469) 828-3378

CIVIL ENGINEER
JOSEPH P. MECCA, P.E.
KIMLEY-HORN AND ASSOCIATES, INC.
8657 BAYPINE ROAD SUITE 300
JACKSONVILLE, FLORIDA 32256
PHONE (904) 828-3900
FAX (904) 367-1692

ARCHITECT
SCOTT STONE
CALLAWAY ARCHITECTURE
1207 HAMPSHIRE LANE, SUITE 105
RICHARDSON, TX 75080
PHONE (214) 368-2525

SURVEYOR
ROBERT C. JOHNSON
ALTAMAX SURVEYING
910 BELLE AVENUE, SUITE 1140
CASSELBERRY, FL 32708
PHONE (407) 677-0200

CONTRACTOR
TBD



VICINITY MAP

Sheet List Table	
Sheet Number	Sheet Title
C-01	COVER SHEET
C-02	GENERAL NOTES AND LEGEND
C-03	DEMOLITION PLAN
C-04	SITE PLAN
C-05	HORIZONTAL CONTROL PLAN
C-06	GRADING AND DRAINAGE PLAN
C-07	UTILITY PLAN
C-08	SITE DETAILS
C-09	SITE DETAILS
C-10	SITE DETAILS
C-11	BEST MANAGEMENT PRACTICES PLAN
C-12	BEST MANAGEMENT PRACTICES DETAILS
C-13	STORMWATER POLLUTION PREVENTION PLAN

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

CALL 48 HOURS BEFORE YOU DIG

IT'S THE LAW! DIAL 811

Know what's below. Call before you dig.

SUNSHINE STATE ONE CALL OF FLORIDA, INC.

PROJECT DATUM: NAVD '88

LAKE CITY
DIALYSIS WEST
PREPARED FOR
PCI - HEALTHDEV

COVER SHEET

SHEET 1 OF 1
C-01

Kimley»Horn
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DATE: 08/01/14
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APPROVED BY: JPM

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1. ALL WORK MATERIALS SHALL BE IN COMPLETE ACCORDANCE WITH COLUMBIA COUNTY REQUIREMENTS.
2. ALL WORK WITHIN FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT OF WAY SHALL BE GOVERNED BY THE LATEST FOOT DESIGN STANDARDS AND SPECIFICATIONS.
3. ELEVATIONS SHOWN ON SURVEY PROVIDED BY ALTAMAX SURVEYING DATED APRIL 16, 2014.
CONTACT ROBERT C. JOHNSON (407) 877-0200.
4. THE CONTRACTOR IS RESPONSIBLE FOR INSPECTING AND BECOMING FAMILIAR WITH THE SITE PRIOR TO BIDDING AND CONSTRUCTION.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL/DISPOSAL OF ANY UNSUITABLE MATERIAL FROM HIS OPERATION, FURNISHING AND COMPACTING SUITABLE REPLACEMENT BACKFILL MATERIAL IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURANCE REQUIRED FOR THE PROJECT
7. THE LOCATION OF ALL UTILITIES SHOWN ON THE DRAWINGS ARE FROM INFORMATION PROVIDED BY THE SURVEYOR, THE CITY OF LAKE CITY AND FIELD OBSERVATIONS.
8. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM IN THE FIELD, THE LOCATIONS AND ELEVATIONS SHOWN PRIOR TO THE COMMENCEMENT OF CONSTRUCTION
9. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION AND BUILDING PLACEMENT WITH ALL OTHER UTILITIES CONSTRUCTION
10. CONTRACTOR SHALL PROVIDE AND MAINTAIN ADEQUATE EROSION AND TURBIDITY CONTROLS DURING AND FOLLOWING CONSTRUCTION UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED TO AVOID ADVERSE ENVIRONMENTAL IMPACTS TO OFF-SITE PROPERTY AND DRAINAGE SYSTEMS.
11. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH STORM WATER POLLUTION PREVENTION PLAN INCLUDED HEREIN.
12. THE CONTRACTOR SHALL PROVIDE A TEMPORARY WATER SERVICE OR WATER TRUCK FOR WASH-DOWN OF VEHICLES LEAVING THE PROJECT SITE IF NECESSARY
13. ALL UNDERGROUND UTILITIES TO BE INSTALLED SHALL BE IN ACCORDANCE WITH COLUMBIA COUNTY SPECIFICATIONS AND THE APPROVED SITE PLANS.
14. THE CONTRACTOR(S) SHALL NOTIFY ALL APPLICABLE UTILITIES COMPANIES, THE ENGINEER OF RECORD, AND THE PROPERTY OWNER 48 HOURS PRIOR TO INITIATING ANY EXCAVATION ACTIVITIES, OR AS SPECIFIED BY THE UTILITIES COMPANIES AND THE PERMITS OBTAINED FOR THE WORK.
15. THE ENGINEER OF RECORD SHALL BE GIVEN FORTY EIGHT HOURS (48-HR) NOTICE OF ALL MEETINGS AND OR TESTING MEASURES RELATED TO SAID PROJECT
16. COLUMBIA COUNTY DEVELOPMENT REVIEW INSPECTOR SHALL BE CONTACTED 24 HOURS PRIOR TO ALL NECESSARY SITE WORK INSPECTIONS AND 5 DAYS PRIOR TO THE FINAL INSPECTION
17. CONSTRUCTION WARNING SIGNS ARE TO BE MOUNTED AND ERECTED BEFORE CONSTRUCTION CAN COMMENCE. THESE AND ALL TRAFFIC CONTROL DEVICES SHALL FOLLOW THE STANDARDS SET FORTH BY THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AS WELL AS FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD INDEX.
18. THE CONTRACTOR IS RESPONSIBLE FOR CLEARLY IDENTIFYING THE AREA OF CONSTRUCTION AND SAFELY ROUTING ALL VEHICULAR AND PEDESTRIAN TRAFFIC AROUND THE CONSTRUCTION AREA. THE CONSTRUCTION AREA SHALL BE CLEARLY MARKED AT ALL TIMES.
19. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE SEEDED AND MULCHED OR SODDED IN ACCORDANCE WITH THESE CONSTRUCTION PLANS AND PROJECT SPECIFICATIONS.
20. THE CONTRACTOR(S) SHALL LOCATE, VERIFY AND IDENTIFY ALL EXISTING UNDERGROUND UTILITIES SHOWN OR NOT SHOWN ON THE PLANS PRIOR TO ANY EXCAVATING ACTIVITIES.
21. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO EXCAVATION AND TAKE ALL MEASURES NECESSARY TO PROTECT UTILITIES DURING CONSTRUCTION. SHOULD ANY UTILITY LINE OR COMPONENT BECOME DAMAGED OR REQUIRE RELOCATION THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE RESPONSIBLE UTILITY COMPANY THE ENGINEER OF RECORD AND THE CITY
22. THE CONTRACTOR SHALL PROTECT EXISTING UTILITIES, SURVEY MARKERS, MONUMENTS, ETC. DURING CONSTRUCTION. THE CONTRACTOR SHALL RESTORE/REPLACE ANY DAMAGE DONE BY CONSTRUCTION ACTIVITIES.
23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES CAUSED BY HIS OPERATIONS.
24. A COPY OF THE CONTRACTORS GENERAL LICENSE AND/OR UNDER GROUND UTILITY LICENSE SHALL BE PROVIDED AT THE TIME OF THE PRE-CONSTRUCTION CONFERENCE.
25. WATER AND SEWER SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW.

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PRODUCE, SUBMIT AND OBTAIN APPROVAL OF REPRODUCIBLE AS-BUILT DRAWINGS FROM JURISDICTIONAL AGENCIES AS MAY BE REQUIRED. RECORD DRAWINGS FOR GRADING, DRAINAGE, WATER AND SEWER SHALL BE PROVIDED IN A MANNER SUITABLE TO COMPARE CONSTRUCTED CONDITIONS AGAINST THE DESIGN DRAWINGS.
2. AS-BUILT INFORMATION SHALL BE MAINTAINED BY THE CONTRACTOR. CONTRACTOR SHALL EMPLOY THE SERVICES OF A SURVEYOR REGISTERED IN THE STATE OF FLORIDA TO DETERMINE ALL AS-BUILT INFORMATION UPON COMPLETION OF THE WORK THE CONTRACTOR SHALL PROVIDE UP TO SIX COPIES AND AN AUTOCAD FILE OF AS-BUILT DRAWINGS TO THE ENGINEER.
3. FIVE DAYS PRIOR TO THE FINAL INSPECTION TWO (2) SETS OF BLACKLINE AS-BUILT'S AND COPY ON DISK IN AUTOCAD FORMAT SHOWING THE REQUIRED INFORMATION, SHALL BE SUBMITTED TO THE ENGINEER OF RECORD.
4. SUBMITTAL OF AS-BUILT SITE SURVEY INCLUDING BENCHMARKS, IS REQUIRED IN COMPLIANCE WITH SECTION 6.04.00 OF THE ST JOHNS COUNTY LAND DEVELOPMENT CODE AND SECTION 15, "AS-BUILT'S" OF THE DEVELOPMENT REVIEW MANUAL PRIOR TO SCHEDULING A FINAL INSPECTION OF THE BUILDING BY THE BUILDING DEPARTMENT AND FIRE MARSHAL.

1. **CODES**
ALL CODES REGULATING DEMOLITION WORK SHALL BE COMPLIED WITH THE CONTRACTOR SHALL PUT UP AND MAINTAIN SUCH BARRIERS AND WARNING LIGHTS, AS MAY BE NECESSARY OR REQUIRED BY CODE, TO PROTECT AND PREVENT UNAUTHORIZED PERSONNEL FROM ENTERING THE DEMOLITION WORK AREA. ALL DEMOLITION OPERATIONS SHALL COMPLY WITH THE REQUIREMENTS OF THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA) IN SO FAR AS THEY APPLY TO DEMOLITION WORK TO BE PERFORMED UNDER THIS CONTRACT
2. **PROTECTION OF BUILDINGS & EQUIPMENT**
TEMPORARY PROTECTIVE DEVICES, AS REQUIRED SHALL BE INSTALLED ADJACENT TO THE DEMOLITION WORK FOR PROTECTION OF PERSONNEL, EXISTING ADJACENT BUILDINGS, STRUCTURES AND EQUIPMENT AGAINST FALLING OR FLYING DEBRIS. ANY DAMAGE TO EXISTING STRUCTURES, FACILITIES AND/OR EQUIPMENT RESULTING FROM DEMOLITION WORK SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE OWNER.
3. **DISPOSAL OF EXISTING EQUIPMENT & DEBRIS**
ALL DEBRIS AND EXISTING MATERIALS AND EQUIPMENT SHALL BE HAULED AWAY AND DISPOSED OF BY THE CONTRACTOR. THE CONTRACTOR SHALL MAKE HIS OWN ARRANGEMENTS FOR OBTAINING DISPOSAL AREAS. THE CONTRACTOR SHALL TAKE EVERY PRECAUTION TO PREVENT SPILLAGE OF MATERIALS BEING HAULED IN PUBLIC STREETS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO IMMEDIATELY CLEAN UP ANY SPILLAGE WHICH MAY ACCIDENTALLY OCCUR.
4. **CLEANUP**
THE CONTRACTOR SHALL MAINTAIN AN ORDER OF NEATNESS AND GOOD HOUSEKEEPING. TOOLS, SCAFFOLDING AND OTHER DEMOLITION EQUIPMENT MUST AT ALL TIMES BE KEPT IN A NEAT AND ORDERLY ARRANGEMENT AT THE CONCLUSION OF THE DEMOLITION OPERATIONS. THE ENTIRE WORK AREA SHALL BE LEFT IN A CLEAN CONDITION AS REQUIRED FOR SUBSEQUENT NEW WORK

- ALL GRADING, PLACEMENT OF FILL, AND COMPACTION SHALL BE IN ACCORDANCE WITH COUNTY STANDARD SPECIFICATIONS AND THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION LATEST EDITION
- THE CONTRACTOR SHALL CONSTRUCT ALL DRAINAGE STRUCTURES TO THE DESIGN ELEVATIONS SHOWN AND IN COMPLIANCE WITH TYPICAL CONSTRUCTION DETAILS.
- ALL PIPE LENGTHS SHOWN HEREIN ARE APPROXIMATE LENGTHS FROM CENTER TO CENTER OF THE RELATED STRUCTURES.
- ALL PIPE LENGTHS ARE SCALED AND MAY REQUIRE SLIGHT FIELD ADJUSTMENTS TO FIT CONDITIONS. ALL PIPE CROSSINGS SHALL BE COMPACTED TO 95% MAX. DENSITY AT 1' LIFTS.
- THE CONTRACTOR SHALL COORDINATE THE CONSTRUCTION OF THE PAVING AND DRAINAGE FACILITIES WITH ALL OTHER CONSTRUCTION. WATER AND SANITARY SEWER ARE PROVIDED AS PART OF THESE CONSTRUCTION DOCUMENTS.
- ALL PIPE JOINTS SHALL BE PROPERLY FITTED AND SEALED PER PRODUCT MANUFACTURERS SPECIFICATIONS.
- THE CONTRACTOR SHALL COORDINATE ALL NOTIFICATIONS AND UTILITY LOCATION EFFORTS WITH THE UTILITY OWNERS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION
- THE CONTRACTOR SHALL SUBMIT ONE (1) SET OF SHOP DRAWINGS OF ALL STRUCTURES, EQUIPMENT MATERIAL SPECIFICATIONS TO THE CONSTRUCTION MANAGER, ENGINEER OF RECORD AND CITY OF ST AUGUSTINE FOR APPROVAL PRIOR TO THE PURCHASE AND/OR INSTALLATION OF ANY STRUCTURES, EQUIPMENT AND/OR MATERIAL.
- ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE SEEDED AND MULCHED OR SODDED IN ACCORDANCE WITH THESE CONSTRUCTION PLANS AND PROJECT SPECIFICATIONS.
- ALL AREAS OF DISTURBED EXISTING CITY OR STATE RIGHT-OF-WAY SHALL BE SODDED.
- THE CONTRACTOR SHALL SECURE ALL NECESSARY PERMITS TO WORK IN EXISTING CITY RIGHT-OF-WAYS
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PERMITTED CONSTRUCTION DOCUMENTS. ANY DEVIATION FROM THE APPROVED CONSTRUCTION DOCUMENTS SHALL BE THE SOLE RESPONSIBILITY OF THE ORGANIZATION AND/OR ENTITY RESPONSIBLE FOR THE INSTALLATION TO UPDATE/REPLACE ANY DEFICIENT MATERIAL/EQUIPMENT NECESSARY TO BRING THE FINAL PRODUCT TO THE STANDARDS OF THE PERMITTED CONSTRUCTION DOCUMENTS.
- THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF SEDIMENT AND EROSION CONTROL MEASURES DURING CONSTRUCTION REFER TO THE STORM WATER POLLUTION PREVENTION PLAN.
- COMPACTION DENSITIES FOR ALL ROADWAY CROSSINGS ARE TO BE TAKEN IN ONE-FOOT (1') LIFTS.
- LIMEROCK BEARING RATIOS FOR SUBGRADE AT FORTY (40) AND LIMEROCK OR ALTERNATIVE BASE COURSE AT ONE HUNDRED (100), THERE WILL BE NO UNDER TOLERANCE. CRUSHED CONCRETE IS AN ACCEPTABLE ALTERNATIVE TO LIMEROCK ONLY IF IT MEETS THE FDOT SPECIFICATIONS.
- ALL MATERIAL USED FOR BACKFILL SHALL BE CLASS 3 FREE DRAINING SAND.
- THERE ARE TO BE NO OPEN TRENCHES AT THE DAY'S END.
- THE CONTRACTOR SHALL ADHERE TO ALL NOTES PROVIDED IN THESE CONSTRUCTION DRAWINGS.
- ALL CONSTRUCTION LINES & GRADES SHALL BE ESTABLISHED AND MAINTAINED BY THE CONTRACTOR
- CLEARING CONTRACTOR WILL CLEAR, GRUB AND DISPOSE OF ALL DEBRIS AND SURFACE ORGANICS TO FIRM MATERIAL IN ALL EASEMENTS, ROAD RIGHT-OF-WAYS AND DETENTION AREAS. DISPOSAL SHALL BE INCLUDED IN THE CONTRACT
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREVENTION OF DOWNSTREAM TURBIDITY/ SILTATION THROUGH THE USE OF HAY BALES, SCREENS, SILTATION BASINS, CHEMICAL FLOCCULATION AND/OR ANY OTHER SUITABLE MEANS REQUIRED TO MEET FLORIDA STREAM STANDARDS. SEED AND MULCH ALL DISTURBED AREAS, SOD AS REQUIRED TO CONTROL EROSION THROUGH FINAL INSPECTION AND TO PRODUCE A UNIFORM STAND OF GRASS THROUGHOUT
- STORM DRAIN CONTRACTOR SHALL BE RESPONSIBLE FOR BRICKING UP CURB INLETS TO FINISHED GRADE AND FURNISHING AND MAINTAINING ALL HARDWARE.
- THE PAVING/CURB CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTING CURB TRANSITIONS TO FINISH GRADE.
- LUMP SUM PRICE FOR CLEARING AND GRUBBING SHALL INCLUDE THE CLEARING AND GRUBBING OF ALL EASEMENTS.
- UNDERDRAINS SHALL BE INSTALLED IN ALL CASES WHERE THE GROUNDWATER TABLE IS CLOSER THAN 24 INCHES BELOW THE PROPOSED CENTERLINE GRADE OF ANY ROAD, REGARDLESS OF PLANS. UNDERDRAINS SHALL BE STUBBED OUT 20' FROM ALL CURB INLETS FOR FUTURE POSSIBLE USE.
- ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED OR SODDED IN ACCORDANCE WITH THESE CONSTRUCTION PLANS AND PROJECT SPECIFICATIONS.
- FILTER WRAP ALL DRAINAGE JOINTS TO FDOT SPECIFICATIONS.
- EASEMENTS SHALL BE UNOBSTRUCTED.
- A 2' STRIP OF SOD IS REQUIRED AROUND ALL DITCH BOTTOM INLETS.
- ALL POND SIDESLOPES SHALL BE STABILIZED WITH ESTABLISHED GRASS AT TIME OF FINAL INSPECTION.
- ACCESSIBLE RAMPS SHALL BE INSTALLED WHEREVER THE SIDEWALK MEETS THE CURB.
- THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING ALL ADA PARKING SPACES AND ACCESSIBLE ROUTE, PURSUANT TO ADA GUIDELINES 4.6.3, IF THERE ARE DISCREPANCIES IN THE CONSTRUCTION DRAWINGS REGARDING GRADES ON SLOPES COMPARED TO ADA REQUIREMENTS, CONTRACTOR SHALL NOTIFY ENGINEER FOR CLARIFICATION PRIOR TO IMPLEMENTATION
- ALL ROADWAYS, DRIVEWAYS, AND BUILDING PAD LOCATIONS SHOULD BE PROOF ROLLED PRIOR TO IMPORTATION OF ADDITIONAL FILL OR SUBBASE MATERIAL (LIMEROCK OR CRUSH-OR-ETC). IN THE EVENT THAT PROPOSED COMPACTION AND DENSITIES CANNOT BE ACHIEVED, CONTRACTOR SHALL NOTIFY ENGINEER TO AID IN DETERMINING LIMITS OF UNSUITABLE MATERIALS.

1. ALL SIGNS MUST MEET FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARDS FOR ENGINEERING GRADE SIGN FACES IN REFLECTIVITY
2. ALL FINAL PAVEMENT MARKINGS WITHIN THE RIGHT-OF-WAYS SHALL BE THERMOPLASTIC.
3. STREET SIGNS SHALL BE MOUNTED WITH TEE CAPS.
4. ALL SIGNS SHALL BE SIZED IN ACCORDANCE WITH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) STANDARDS.

Ex STIN

PROPOSED

ENTERLINE

PR PERT LI E

EASEMENT NE

5 NT DR

STORM EWEP

WM WATER MA

SS ANTAR SEWE

FM A TAR F R E I A

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SUNSHINE STATE ONE CALL OF FLORIDA, INC.

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Kimley»Horn

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GENERAL NOTES AND LEGEND

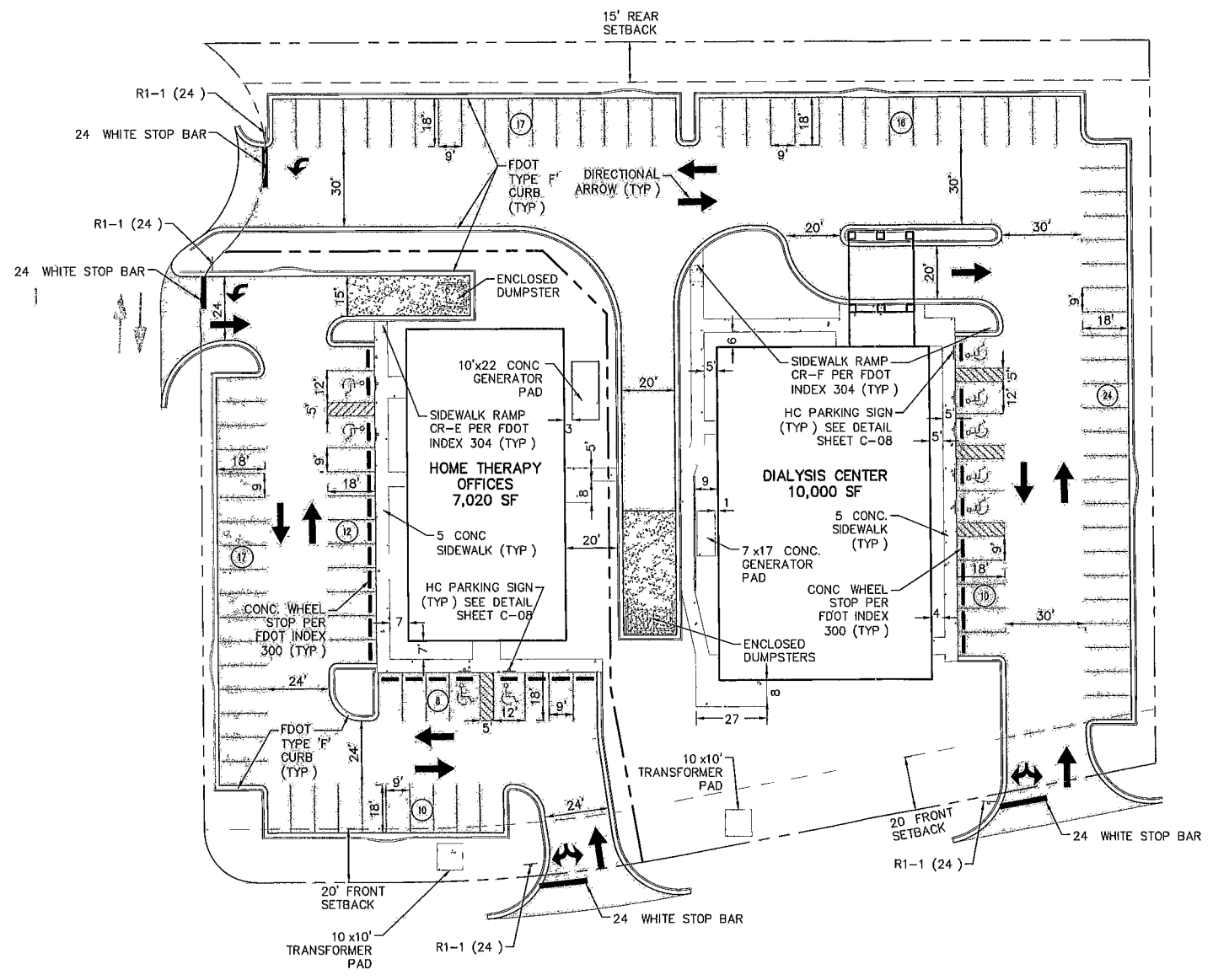
LAKE CITY
DIALYSIS WEST
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BCI - HEALTHDEV

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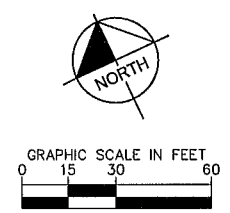
C-02

FILED IN THE OFFICE OF THE CLERK OF THE CIRCUIT COURT IN AND FOR THE COUNTY OF DADE, FLORIDA, THIS 14th DAY OF FEBRUARY, 2010, AT 10:00 AM. BY: [Signature] CLERK OF CIRCUIT COURT. WITNESSED BY: [Signature] DEPUTY CLERK OF CIRCUIT COURT.

ZONING: CHI



ZONING: CHI



SITE DATA.

PROJECT DESCRIPTION: CONSTRUCTION OF AN 10,000 SF DIALYSIS CENTER (MEDICAL OFFICE) BUILDING AND A 7,020 SF MEDICAL OFFICE BUILDING, WITH ASSOCIATED UTILITIES AND STORMWATER

LOCATION: SECTION 33, TOWNSHIP 35, RANGE 16E

ADDRESS: NO ADDRESS HAS BEEN ASSIGNED

ZONING DISTRICT: CHI

LAND USE: COMMERCIAL

FLOOD ZONE: X, AS SCALED FROM THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP, COMMUNITY NO. 120070, MAP NO. 1202300290C, WITH AN EFFECTIVE DATE OF FEBRUARY 4, 2009.

SITE AREA:	106,920 ± S.F.	2.45 ± AC
MAX. BUILDING HEIGHT:	35'	
LOT COVERAGE (F.A.R.):	S.F.	(AC)
EXISTING BUILDING AREA:	N/A	N/A
PROPOSED BUILDING AREA:	17,020	0.39
EXISTING IMPERVIOUS AREA:	0	0.0%
PROPOSED IMPERVIOUS AREA:	74,800	1.72
EXISTING PERVIOUS AREA / LANDSCAPE AREA:	106,920	2.45
PROPOSED PERVIOUS AREA / LANDSCAPE AREA:	32,120	0.73
BUILDING SETBACKS (CG):	REQUIRED	PROVIDED
FRONT	20'	52'
REAR	15'	97'
PARKING:	EXISTING	PROPOSED
REGULAR SPACES	N/A	105
ACCESSIBLE PARKING	N/A	9
RATIO (SPACES/ BLDG. S.F.)	REQUIRED	PROVIDED
TOTAL PARKING SPACES	1/150	1/150

NOTES:

- ALL THE FACILITIES AND ELEMENTS OF THE SITE (INCLUDING ACCESSIBLE ROUTES AND PARKING) SHALL MEET THE REQUIREMENTS OF THE 2012 FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION (FACBC), ADOPTED PURSUANT TO SECTION 663.503, FLORIDA STATUTES. DETAILS REGARDING LOCATION, SIZE, NUMBER, DIMENSION AND OTHER NECESSARY DATA WILL BE SHOWN ON THE CONSTRUCTION DRAWINGS.
- PLEASE REFER TO SHEET C-08 FOR ADDITIONAL SITE DETAILS (I.E. SIGNS, STRIPING, ETC.) AND INFORMATION.
- SEE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS AND DETAILS. ANY BUILDING DIMENSION SHOWN ON THIS PLAN IS FOR GENERAL COORDINATION PURPOSES ONLY AND SHOULD NOT BE USED TO LAYOUT THE BUILDING OR ITS APPURTENANCES (STAIRS, DOORS, DOCKS, ETC.).
- ALL CURB RADII TO BE 3' MIN. UNLESS INDICATED OTHERWISE.

LEGEND

- STANDARD DUTY ASPHALT PAVEMENT
- CONCRETE PAVEMENT (VEHICULAR USE)
- CONCRETE SIDEWALK

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

CALL 48 HOURS BEFORE YOU DIG

IT'S THE LAW! DIAL 811

Know what's below. Call before you dig.

SUNSHINE STATE ONE CALL OF FLORIDA, INC.

PROJECT DATUM: NAVD '88

Kimley»Horn

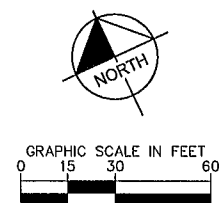
601 N. W. 10th St., Suite 100
Fort Lauderdale, FL 33304
Phone: (954) 330-0000
Fax: (954) 330-0001
WWW.KHFL.COM

SITE PLAN

LAKE CITY
DIALYSIS WEST
PREPARED FOR
PCI - HEALTHDEV

DATE: _____
REV: _____
BY: _____
CHECKED: _____
APPROVED: _____

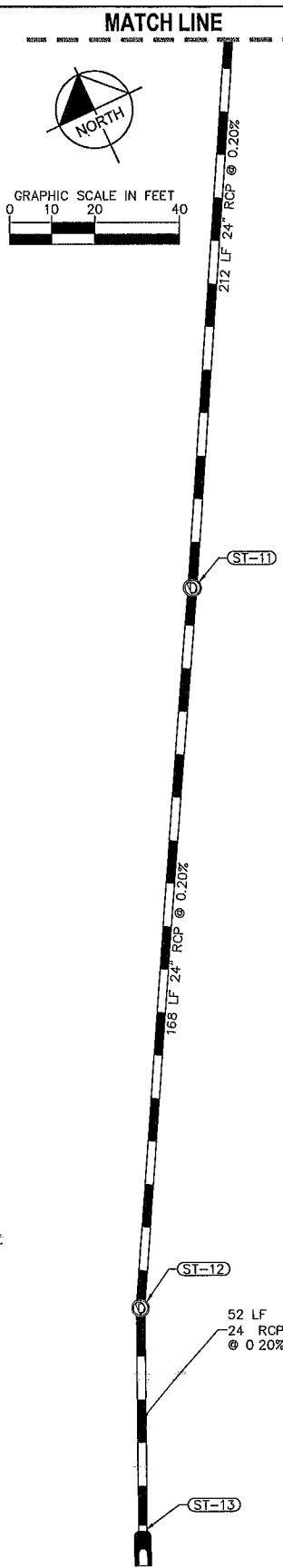
HEET NUMBER
C-04



SUNSHINE STATE ONE CALL OF FLORIDA, INC.

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REV	REVISION	DATE	BY
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STRUCTURE NAME	RIM	INVERTS	NORTHING	EASTING	DESCRIPTION
ST-01	161.48	OUT: 157.02	4730.17	6114.18	TYPE 'A' CURB INLET
ST-02	162.71	IN 156.58 OUT: 156.58	4724.01	5968.86	TYPE 'A' CURB INLET
ST-03	162.24	IN 155.98 OUT: 155.98	4602.50	5879.94	TYPE 'A' CURB INLET
ST-04	161.44	OUT: 157.31	4692.50	6195.77	TYPE 'A' CURB INLET
ST-05	161.56	IN 156.81 OUT: 156.81	4516.64	6226.16	TYPE 'A' CURB INLET
ST-06	161.00	IN 156.36 OUT: 156.36	4454.06	6098.97	TYPE 'C' INLET
ST-07	163.00	OUT: 158.95	4603.41	6063.01	TYPE 'C' INLET
ST-08	162.25	IN 156.07 IN 156.86 OUT: 156.07	4483.29	6009.92	M.H
ST-09	162.19	IN 155.76 OUT: 155.76	4515.49	5911.55	TYPE 'A' CURB INLET
ST-10	161.97	IN 155.80 IN 155.70 OUT: 155.52	4512.99	5857.34	M.H

DRAINAGE STRUCTURE TABLE					
STRUCTURE NAME	RIM	INVERTS	NORTHING	EASTING	DESCRIPTION
ST-11	159 90	IN 155.09 OUT: 155.09	4327 25	5754.55	M H
ST-12	159 40	IN 154.75 OUT: 154.75	4180.90	5671 50	M H
ST-13	-----	IN 154.65	4133.74	5649 72	M.E.S.

1. CONTRACTOR TO CONSTRUCT DRAINAGE STRUCTURES WITH USF GRATES, RIMS AND CALL OUT OR APPROVED EQUAL SHOP DRAWINGS ARE TO BE PROVIDED TO ENGINEER FOR APPROVAL PRIOR TO ANY CONSTRUCTION.
2. ALL DRAINAGE STRUCTURES SHALL BE CONSTRUCTED WITH (4) SIDED BEARING HEAVY DUTY TRAFFIC RIMS AND GRATES.
3. CONTRACTOR SHALL REFER TO ARCHITECTURAL AND PLUMBING PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF ALL VESTIBULES, SIDEWALKS, EXIT PORCHES, RAMPS, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS, AND EXACT UTILITY ENTRANCE LOCATIONS.
4. ALL EXISTING STRUCTURES, UNLESS OTHERWISE NOTED TO REMAIN, FENCING, TREES, & ETC. WITHIN CONSTRUCTION AREA SHALL BE REMOVED & DISPOSED OF OFF SITE. ANY BURNING ON SITE SHALL BE SUBJECT TO LOCAL ORDINANCES. SEE SPECIFICATIONS.
5. ALL DRAINAGE STRUCTURES SHALL BE PRE-CAST CONCRETE.
6. ALL DRAINAGE STRUCTURES AND STORM SEWER PIPES SHALL MEET HEAVY DUTY TRAFFIC (H20) LOADING AND BE INSTALLED ACCORDINGLY
7. GENERAL CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES HAVING UNDERGROUND UTILITIES ON SITE OR IN RIGHT-OF-WAY PRIOR TO EXCAVATION. CONTRACTOR SHALL CONTINUE UTILITY LOCATING COMPANY AND LOCATE ALL UTILITIES PRIOR TO GRADING START
8. SITE IMPROVEMENTS SHALL NOT PROCEED UNTIL EROSION CONTROL MEASURES HAVE BEEN INSTALLED & INSPECTED AND APPROVED BY LOCAL AUTHORITIES.
9. EXISTING DRAINAGE STRUCTURES TO BE INSPECTED PRIOR TO COMMENCEMENT OF WORK. ANY DAMAGED STRUCTURES OR PIPES SHALL BE IDENTIFIED BY THE CONTRACTOR AS INDICATED IN WRITING TO THE OWNER AND ENGINEER
10. IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR OR REPLACE THE EXISTING STRUCTURE AS NECESSARY
11. ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATER TIGHT
12. ALL ROOF DRAINS TO BUILDING SHALL END 5' OUTSIDE THE BUILDING LIMITS AS SHOWN ON PLAN AND SHALL BE PROVIDED WITH A TEMPORARY PLUG AT THE END.
13. TOPO INFORMATION TAKEN FROM SURVEY PROVIDED BY ALTAMAX SURVEYING DATED: APRIL 16, 2014.
14. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO THE SAME.
15. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY ACCESS ROADS. MAINTAIN POSITIVE DRAINAGE THROUGHOUT CONSTRUCTION AND AVOID POONDING OR RUTTING.
16. DETENTION POND OUTFLOW DEVICES SHALL BE DESIGNED TO LIMIT FLOWS TO CAPACITY LEVELS OF DOWNSTREAM DRAINAGE STRUCTURES.
17. ALL ROOF DRAIN RUNOFF WILL BE DIRECTED TO THE STORM DRAINS.

DESIGN NOTES:

1. ALL EXISTING STRUCTURES, UNLESS OTHERWISE NOTED TO REMAIN, FENCING, TREES, & ETC. WITHIN CONSTRUCTION AREA SHALL BE REMOVED & DISPOSED OF OFF SITE. ANY BURNING ON SITE SHALL BE SUBJECT TO LOCAL ORDINANCES. SEE SPECIFICATIONS.
2. GENERAL CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES HAVING UNDERGROUND UTILITIES ON SITE OR IN RIGHT-OF-WAY PRIOR TO EXCAVATION. CONTRACTOR SHALL CONTACT UTILITY LOCATING COMPANY AND LOCATE ALL UTILITIES PRIOR TO GRADING START.
3. SITE GRADING SHALL NOT PROCEED UNTIL EROSION CONTROL MEASURES HAVE BEEN INSTALLED & INSPECTED AND APPROVED BY LOCAL AUTHORITIES.
4. CONTRACTOR IS TO ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
5. CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS AND STRUCTURES FOR ALL GRASSED AND PAVED AREAS.
6. TOPO INFORMATION TAKEN FROM SURVEY PROVIDED BY ALTAMAX SURVEYING DATED: APRIL 16, 2014.
7. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO THE SAME.
8. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY ACCESS ROADS. MAINTAIN POSITIVE DRAINAGE THROUGHOUT CONSTRUCTION AND AVOID PONDING OR RUTTING.

GRADING NOTES:

1. ALL EXISTING PAVEMENT AND CONCRETE SHALL BE SAWCUT AT POINTS OF CONNECTION
2. SIDEWALKS SHALL NOT EXCEED 195% CROSS SLOPE AND 4.95% LONGITUDINAL SLOPE.
3. SPOT ELEVATIONS ARE AT EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
4. SEE SHEET C-07 - UTILITY PLAN FOR APPROXIMATE LOCATIONS OF EXISTING UTILITIES.
5. MAXIMUM CUT OR FILL SLOPES IS 3H:1V UNLESS OTHERWISE NOTED.
6. ALL THE ELEVATIONS SHOWN ARE FINISHED GRADE ELEVATIONS. CONTRACTOR TO SUBTRACT PAVEMENT THICKNESS AND FLOOR SLAB THICKNESS FOR SUBGRADE ELEVATIONS.
7. CONTRACTOR SHALL REFER TO ARCHITECTURAL AND PLUMBING PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF ALL VESTIBULES, SIDEWALKS, EXIT PORCHES, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS, EXACT UTILITY ENTRANCE LOCATIONS.

NOTE A:

CONTRACTOR SHALL NOTE THAT ANY PART OF AN ACCESSIBLE ROUTE CONSTRUCTED WITH A SLOPE GREATER THAN 1:20 SHALL BE CONSIDERED A RAMP AND MUST INCLUDE HANDRAILS IN COMPLIANCE WITH 2012 FLORIDA BUILDING CODE SECTION 405.

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

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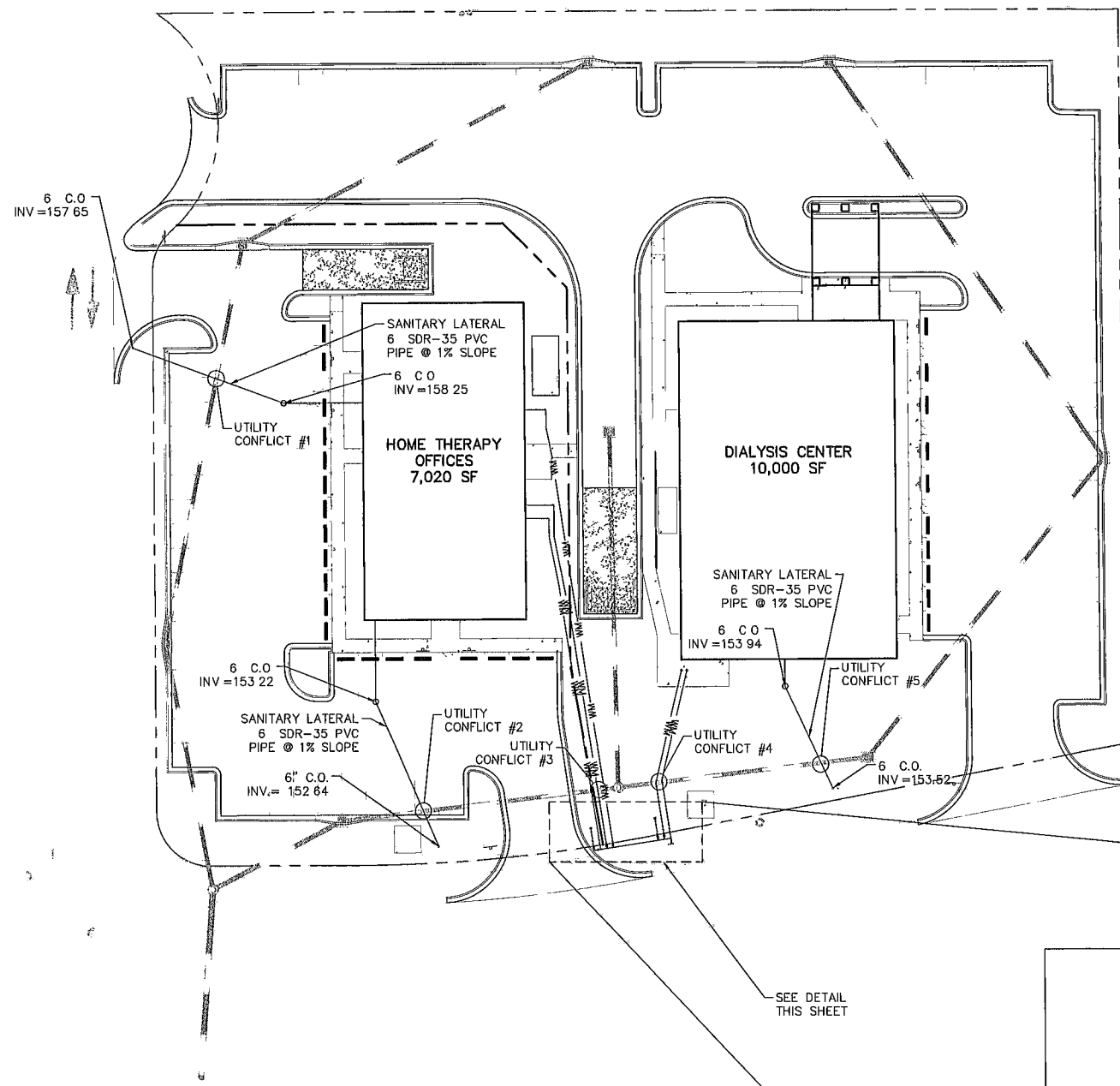
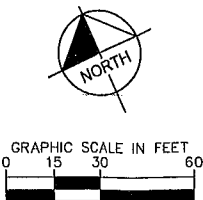
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

811



PROJECT DATUM: NAVD '88

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100



- NOTES:**
- THE CONTRACTOR SHALL PROTECT EXISTING UNDERGROUND UTILITIES AND APPURTENANCES FROM DAMAGE DURING CONSTRUCTION OPERATIONS.
 - THE LOCATION OF EXISTING UTILITIES, STORM DRAINAGE STRUCTURES AND OTHER ABOVE AND BELOW-GRADE IMPROVEMENTS ARE APPROXIMATE AS SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION, SIZE AND INVERT ELEVATIONS OF SUCH PRIOR TO THE START OF CONSTRUCTION.
 - A MINIMUM OF 5' SEPARATION IS REQUIRED BETWEEN UTILITIES AND TREES UNLESS A ROOT BARRIER IS PROVIDED.
 - GAS, PHONE AND ELECTRIC SERVICES SHOWN FOR INFORMATIONAL PURPOSES ONLY DRY UTILITY COMPANIES MAY ALTER THE DESIGN LAYOUT DURING THEIR REVIEW.
 - SEE PLUMBING DRAWINGS FOR EXACT UTILITY CONNECTION LOCATIONS AT THE BUILDING. LOCATIONS SHOWN ON THIS PLAN ARE FOR GENERAL COORDINATION PURPOSES ONLY AND SHOULD BE VERIFIED PRIOR TO INSTALLATION.
 - CONTRACTOR TO PROVIDE TAMPER SWITCHES IN THE VAULT AND THE POST INDICATING SPRINKLER CONTROL VALVE.
 - SEE ELECTRICAL DRAWINGS FOR COORDINATION WITH SITE LIGHTING, TELECOMMUNICATIONS REQUIREMENTS.
 - GENERAL CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS BEFORE CONNECTING TO ANY EXISTING LINE IN ACCORDANCE WITH LOCAL REQUIREMENTS.
 - GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR ALL TAP AND TIE ON FEES REQUIRED, AS WELL AS COST OF UNDERGROUND SERVICE CONNECTIONS TO THE BUILDING.
 - ELECTRICAL SERVICE TO PAD MOUNTED TRANSFORMER SHALL BE RUN UNDERGROUND, FROM ROAD RIGHT-OF-WAY TO TRANSFORMER LOCATION. ASSOCIATED COST BY GENERAL CONTRACTOR.
 - MECHANICAL RESTRAINTS SHALL BE PROVIDED ON 4" AND LARGER WATER LINES AT ALL BENDS, TEES, AND FIRE HYDRANTS.
 - TERMINATE WATER-SERVICE PIPING AT BUILDING WALL UNTIL BUILDING WATER PIPING SYSTEMS ARE INSTALLED. TERMINATE PIPING WITH VALVE AND CAP PLUG, OR FLANGE AS REQUIRED FOR PIPING MATERIAL. MAKE CONNECTIONS TO BUILDING WATER PIPING SYSTEMS WHEN THOSE SYSTEMS ARE INSTALLED.
 - ALL TRENCHING, PIPE LAYING, AND BACKFILLING SHALL BE IN ACCORDANCE WITH FEDERAL OSHA REGULATIONS.
 - REFER TO PLUMBING AND/OR FIRE PROTECT SHEETS FOR FIRE LINE LEAD-IN LOCATION AND DETAIL.
 - RUN FIRE LINE AS SPECIFIED IN NOTE NO. 12 THIS SHEET.
 - REFER TO PLUMBING SHEETS FOR LOCATION OF SEWER, DOMESTIC, AND IRRIGATION CONNECTIONS.
 - ALL PIPING SHALL BE INSTALLED WITH A MINIMUM OF 36" OF COVER.
 - CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
 - THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY EXACT LOCATION AND DEPTH OF ALL EXISTING UTILITIES AND TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THESE PLANS.
 - ALL NECESSARY INSPECTIONS, CERTIFICATIONS AND AS-BUILT SURVEYS REQUIRED BY CODES AND UTILITY COMPANIES SHALL BE PERFORMED PRIOR TO ANNOUNCED SCHEDULED SUBSTANTIAL COMPLETION AND THE FINAL C.O.
 - CONTRACTOR IS TO COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS.
 - FLOW TEST PERFORMED BY CITY OF LAKE CITY ON JUNE, 30TH 2014 INDICATES 1.443 GPM AVAILABLE WATER AT 20 PSI.

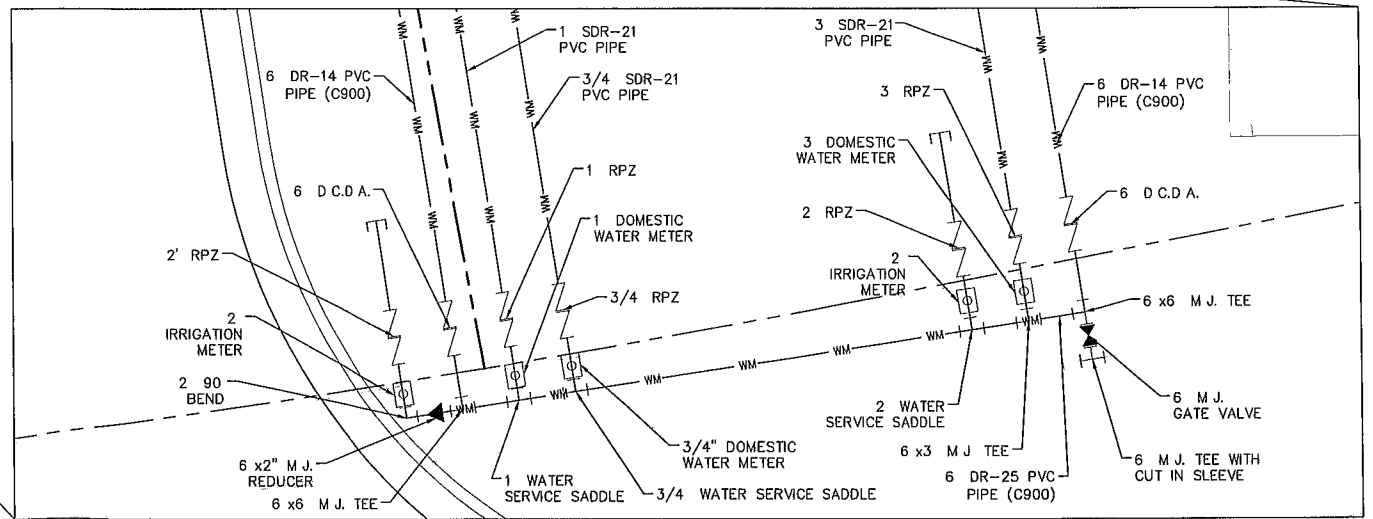
SPRINKLER SUPPLY MAINS SHALL TERMINATE 1' ABOVE FINISH FLOOR. INSTALLATION SHOULD BE COORDINATED WITH ARCHITECTURAL *DETAILS AND LOCATION OF FIRE RISER.

UTILITY NOTE:

CONTRACTOR TO PROVIDE FITTINGS AS REQUIRED TO DEFLECT PROPOSED WATER LINES UNDER EXISTING STORMWATER AND EXISTING UTILITY LINES. PROPOSED WATER LINES SHALL HAVE A MINIMUM OF 36" OF COVER BELOW PROPOSED GRADE. PROPOSED WATER LINES SHALL HAVE A MINIMUM OF 6" VERTICAL SEPARATION WHEN DEFLECTED ABOVE AND A MINIMUM OF 12" VERTICAL SEPARATION WHEN DEFLECTED BELOW.

- LEGEND**
- EXISTING OVERHEAD WIRES
 - EXISTING WATER MAIN
 - EXISTING SANITARY SEWER
 - EXISTING FIRE SUPPLY LINE
 - PROPOSED SANITARY SEWER
 - PROPOSED WATER LINE
 - PROPOSED FIRE SUPPLY LINE
 - PROPOSED WATER METER

- FIRE PROTECTION:**
- FIRE PROTECTION FOR THE PURPOSE OF THESE PLANS IS ANY UNDERGROUND WATER LINE NOT OWNED AND MAINTAINED BY A PUBLIC UTILITY AS WELL AS ANY PRIVATE FIRE SERVICE MAIN AND PIPE AND ITS APPURTENANCES ON PRIVATE PROPERTY (1) BETWEEN A SOURCE OF WATER AND THE BASE OF THE SYSTEM RISER FOR WATER-BASED FIRE PROTECTION SYSTEMS, (2) BETWEEN A SOURCE OF WATER AND INLETS TO FOAM-MAKING SYSTEMS, (3) BETWEEN A SOURCE OF WATER AND THE BASE ELBOW OF PRIVATE HYDRANTS OR MONITOR NOZZLES AND (4) USED AS FIRE PUMP SUCTION AND DISCHARGE PIPING, (5) BEGINNING AT THE INLET SIDE OF THE CHECK VALVE ON A GRAVITY OR PRESSURE TANK.
 - THIS SHALL ALSO APPLY TO COMBINED SERVICE MAINS USED TO CARRY WATER FOR FIRE SERVICE AND OTHER USES. I.E. DOMESTIC.
 - STANDARDS TO BE REFERENCED ARE TO BE THE MOST CURRENT AS ADOPTED BY THE FLORIDA FIRE PREVENTION CODE:
NFPA 24, INSTALLATION OF PRIVATE FIRE SERVICE MAINS & THEIR APPURTENANCES
NFPA 20, STANDARD FOR INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION
NFPA 22, STANDARD FOR WATER TANKS FOR PRIVATE FIRE PROTECTION
NFPA 18, STANDARD ON DELUGE FOAM-WATER SPRINKLER & FOAM-WATER SPRAY SYSTEMS
NFPA 1963 STANDARD FOR FIRE HOSE CONNECTIONS
 - ITEMS ON THE CONSTRUCTION PLANS SHALL INCLUDE BUT NOT LIMITED TO SCALE DRAWINGS AND DETAILS AND TO INCLUDE THE FOLLOWING ITEMS WHEN THEY ARE APPLICABLE TO THE SYSTEM BEING INSTALLED:
(1) NAME OF OWNER AND OCCUPANT
(2) LOCATION, INCLUDING STREET ADDRESS.
(3) POINT OF COMPASS.
(4) A GRAPHIC REPRESENTATION OF THE SCALE USED ON ALL PLANS.
(5) NAME AND ADDRESS OF CONTRACTOR.
(6) SIZE AND LOCATION OF ALL WATER SUPPLIES.
(7) SIZE AND LOCATION OF ALL PIPING, INDICATING, WHERE POSSIBLE, THE CLASS AND TYPE AND DEPTH OF EXISTING PIPE, THE CLASS AND TYPE OF NEW PIPE TO BE INSTALLED, AND THE DEPTH TO WHICH IT IS TO BE BURIED.
(8) SIZE, TYPE, AND LOCATION OF VALVES. INDICATE IF LOCATED IN PIT OR IF OPERATION IS BY POST INDICATOR OR KEY WRENCH THROUGH A CURB BOX.
(9) LOCATION OF FIRE DEPARTMENT CONNECTIONS, IF PART OF PRIVATE FIRE SERVICE MAIN SYSTEM INCLUDING DETAIL OF CONNECTIONS.
(10) SPRINKLER AND STANDPIPE RISERS AND MONITOR NOZZLES TO BE SUPPLIED BY THE SYSTEM.
(11) LOCATION OF FIRE DEPARTMENT CONNECTIONS, IF PART OF PRIVATE FIRE SERVICE MAIN SYSTEM, INCLUDING DETAIL OF CONNECTIONS.
(12) ALL COMPONENTS MUST HAVE LISTING WITH FIRE PROTECTION PER NFPA 24.
(13) ALL FIRE HYDRANTS INSTALLED IN ST. JOHNS COUNTY MUST HAVE A SINGLE 4.5 INCH HOSE OUTLET AND TWO (2) 1.5 INCH HOUSE OUTLETS, ALL WITH MALE NH STANDARD THREADS, IN ACCORDANCE WITH NFPA 1963.
 - CONTRACTORS INSTALLING THE UNDERGROUND PIPING IN ACCORDANCE WITH THE ABOVE REFERENCE STANDARDS FOR A FIRE PROTECTION SYSTEM USING WATER AS THE EXTINGUISHING AGENT BEGINNING AT THE POINT AT WHICH THE PIPING IS USED EXCLUSIVELY FOR FIRE PROTECTION AND ENDING NO MORE THAN 1 FOOT ABOVE THE FLOOR SHALL BE REQUIRED TO HAVE A CLASS I, II OR V FIRE PROTECTION CONTRACTORS LICENSE PURSUANT TO CHAPTER 633, FLORIDA STATUTES. GENERAL CONTRACTORS ARE REMINDED THAT THEY ARE RESPONSIBLE FOR VERIFYING THAT THEIR SUBCONTRACTORS HOLD THE REQUIRED LICENSES. CONTRACTORS FOUND TO BE VIOLATING THIS REQUIREMENT MAY BE REPORTED TO THE DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION AND/OR THE STATE FIRE MARSHAL'S REGULATORY LICENSING SECTION.
 - NOTE: MINIMUM WORKING PRESSURE OF THE UNDERGROUND PIPING SHALL BE 150 PSI. NFPA 24 REQUIRES SPECIFIC PVC PIPING TO MEET TABLE C-900 WITH MANUFACTURING LISTING FOR FIRE PROTECTION.
 - ALL FIRE LINES MUST BE INSPECTED BY THE FIRE MARSHAL'S OFFICE PRIOR TO BACKFILL. THE CODE REQUIRES ALL JOINTS EXPOSED FOR INSPECTION WITH FILL IN-BETWEEN JOINTS. ALL PIPING AND ATTACHED APPURTENANCES SUBJECTED TO SYSTEM WORKING PRESSURE SHALL BE HYDROSTATICALLY TESTED AT 200 PSI OR 50 PSI IN EXCESS OF THE SYSTEM WORKING PRESSURE, WHICHEVER IS GREATER AND SHALL MAINTAIN THAT PRESSURE WITHOUT LOSS FOR 2 HOURS.



WATERMAIN CONNECTION DETAIL

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

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WWW.K-H.COM

UTILITY PLAN

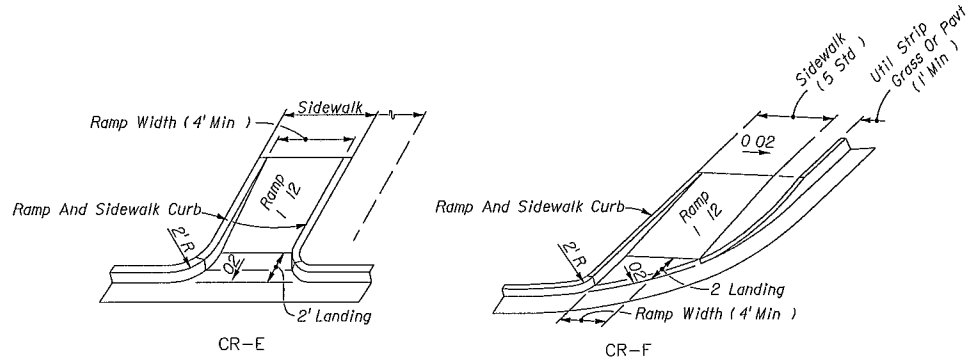
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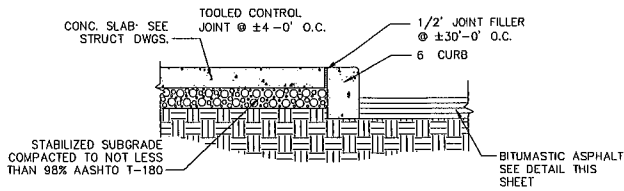
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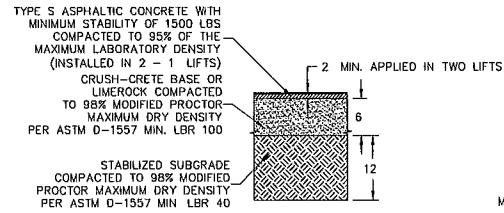
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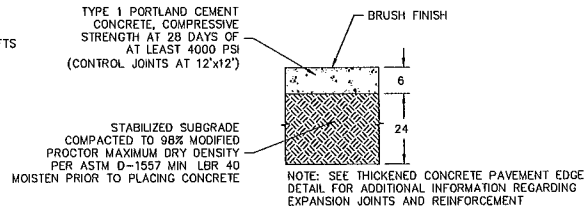
CURB RAMP DETAIL (FDOT INDEX 304)
N.T.S.



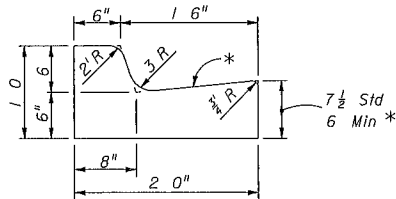
TYPICAL SIDEWALK DETAIL
N.T.S.



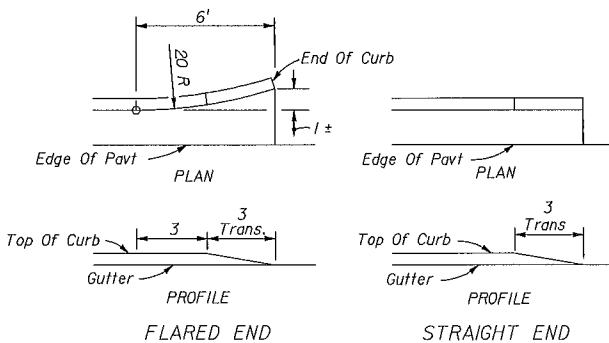
STANDARD DUTY ASPHALT
N.T.S.



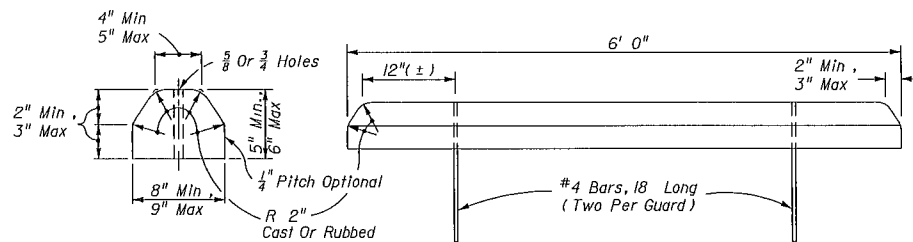
CONCRETE PAVEMENT
N.T.S.



TYPE F CURB AND GUTTER (FDOT INDEX 300)
N.T.S.



CURB TRANSITION (FDOT INDEX 300)
N.T.S.

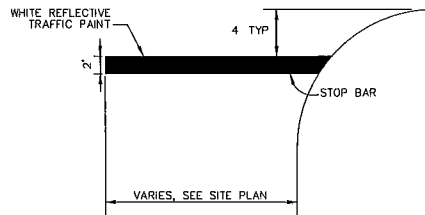


WHEEL STOP DETAIL (FDOT INDEX 300)
N.T.S.

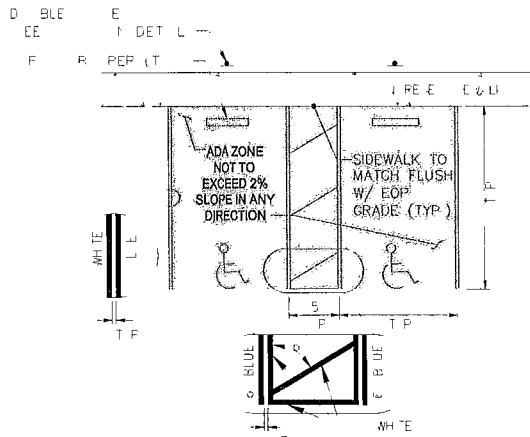


R11
STOP SIGN

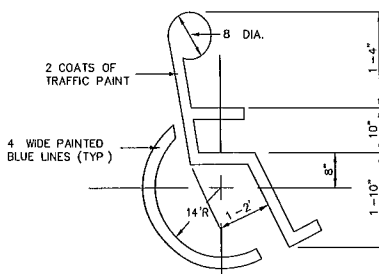
WITH U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION'S
MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES
LOCAL CODES AND AS SPECIFIED,
MOUNT SIGNS TO POST IN ACCORDANCE WITH
MANUFACTURER'S INSTRUCTIONS.



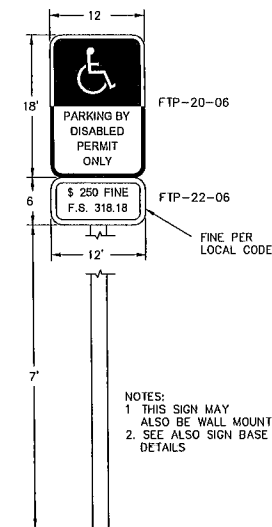
STOP BAR DETAIL
N.T.S.



ADA ZONE
N.T.S.



ACCESSIBLE PARKING SPACE DETAIL
N.T.S.



ACCESSIBLE PARKING SIGN
N.T.S.

NOTES.

- 1 ALL ACCESSIBLE COMPONENTS CONSTRUCTED AS PART OF THESE PLANS SHALL COMPLY WITH CHAPTER 11 OF THE FLORIDA BUILDING CODE
- 2 ACCESSIBLE ROUTE TO ACCESSIBLE SPACES BUILDING ENTRANCES AND PUBLIC STREETS SHALL NOT EXCEED 4.9% RUNNING SLOPE AND 1.9% CROSS SLOPE
- 3 CHANGE IN ELEVATION WITHIN THE ACCESSIBLE ROUTE IS NOT TO EXCEED 1/2" WITHOUT A CURB RAMP
- 4 UNLESS OTHERWISE SHOWN ON THE PLANS THE MINIMUM CLEAR ROUTE SHALL BE 36" WIDE WITH A 60"x60" PASSING SPACE EVERY 200 FEET
- 5 ACCESSIBLE ROUTES THROUGH PLANTERS SHALL BE LEVEL WITH THE SURROUNDING PAVEMENT OR PROVIDE CURB RAMPS AT EACH END WITH A MINIMUM 48" LEVEL LANDING IN BETWEEN
- 6 THE ACCESSIBLE ROUTE IN FRONT OF PULL-IN PARKING SHALL BE A MINIMUM OF 44" WIDE AND NOT REDUCED BY VEHICLE OVERHANGS CURBING SIGN POSTS OR OTHER OBSTRUCTIONS
- 7 ANY WALK THAT CROSSES OR ADJOINS A VEHICULAR WAY NOT SEPARATED BY CURBS, RAILINGS, OR OTHER ELEMENTS SHALL BE DEFINED BY A CONTINUOUS 36" WIDE DETECTABLE WARNING
- 8 SPECIAL RAMP RULES APPLY FOR ANY RISE GREATER THAN 6" INCLUDING BUT NOT LIMITED TO RESTRICTION ON SLOPE TOTAL RISE BETWEEN LANDINGS AND USE OF HANDRAILS PER F.B.C. 11-4.8.
- 9 PUBLIC SIDEWALK CURB RAMPS CONSTRUCTED WITHIN A PUBLIC RIGHT-OF-WAY IN ABSENCE OF LOCAL ROADWAY GUIDELINES, SHALL MEET THE REQUIREMENTS OF FDOT INDEX 304
- 10 CURB RAMPS SHALL HAVE A DETECTABLE WARNING EXTENDING THE FULL WIDTH AND DEPTH OF THE RAMP
- 11 DETECTABLE WARNINGS SHALL CONSIST OF CUSHIONED SURFACES MADE OF RUBBER OR PLASTIC GROOVED SURFACES ON OUTDOOR CURB RAMPS ARE NOT PERMITTED VERIFY LOCAL REQUIREMENTS WITH THE BUILDING DEPARTMENT

Kimley»Horn

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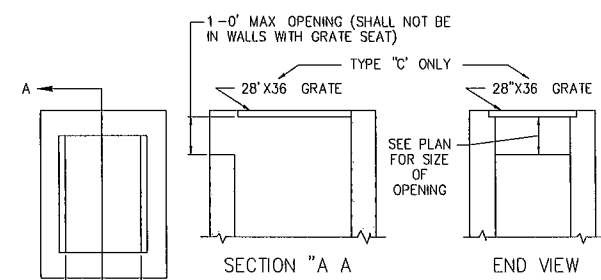
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SITE DETAILS

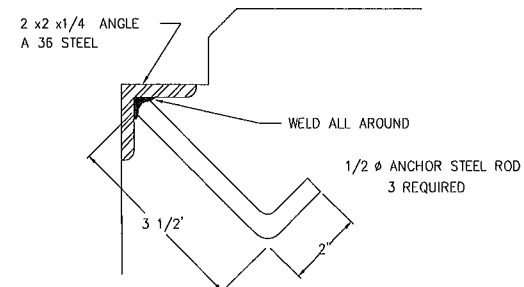
LAKE CITY
DIALYSIS WEST
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HEET NUMBER
C-08

NOTE:
ALL TYPE 'C' & 'E' INLETS WITH SLOTS DEEPER THAN 6 SHALL BE CONSTRUCTED WITH A HORIZONTAL BAR(S) MAXIMUM SPACING 6" 1" DIAMETER GALV PIPE EMBEDDED 2" IN PRE-CAST OR OTHER APPROVED METHOD.

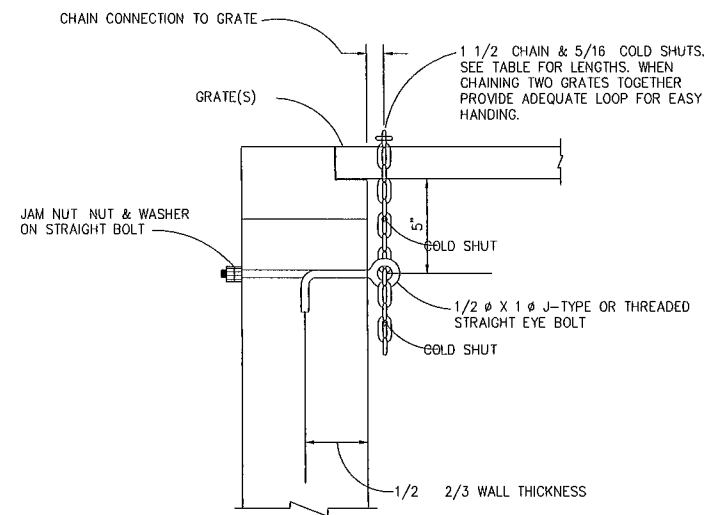


DETAILS OF OPENINGS IN DITCH BOTTOM INLETS



GRATE SEAT DETAIL

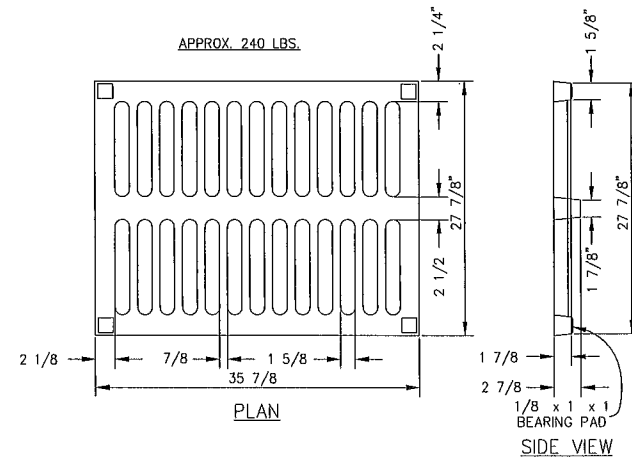
DETAIL FOR TYPE 'C' & 'E' INLET
NOT TO SCALE



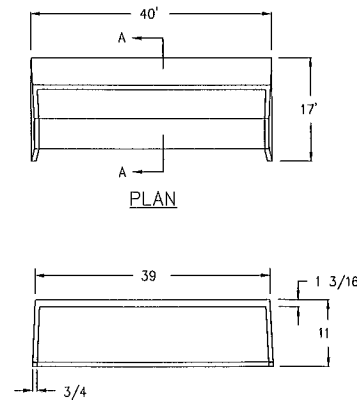
COST OF GALVANIZED EYE BOLT AND CHAIN TO BE INCLUDED IN THE CONTRACT UNIT PRICE FOR INLET

EYE BOLT AND CHAIN REQUIREMENTS				
PLATE NUMBER	INLET TYPE	EYE BOLT	LENGTH OF CHAIN	HANDLING & REMARKS
207	C	1	2-6	SLIDE AND SPIN
208	E	2	2 @ 2-6	SLIDE AND SPIN

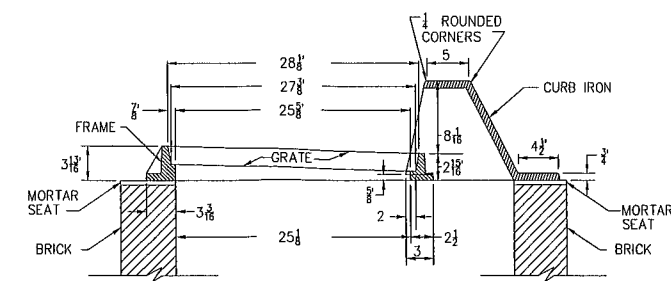
EYE BOLT AND CHAIN FOR LOCKING GRATES TO INLETS
NOT TO SCALE



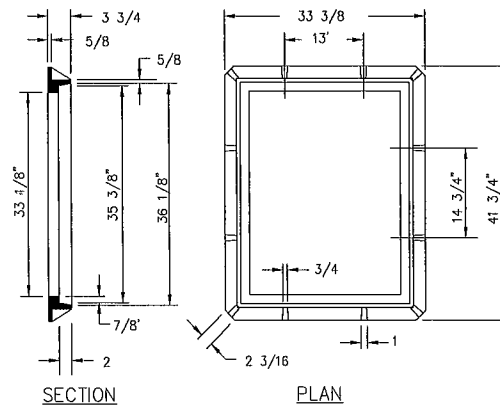
STORM SEWER INLET GRATE
NOT TO SCALE



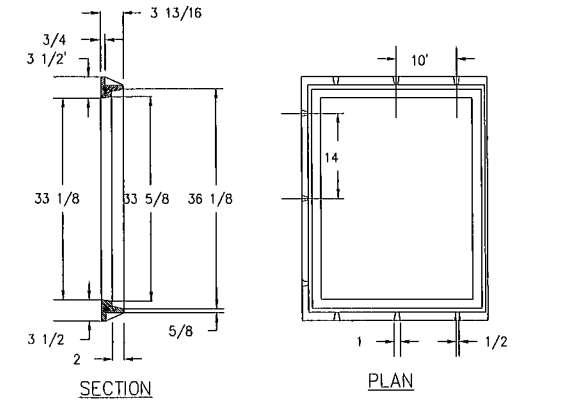
STORM SEWER CURB IRON
NOT TO SCALE



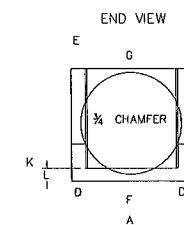
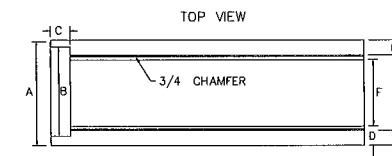
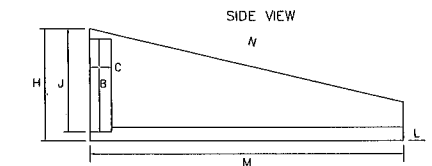
CURB IRON WITH GRATE AND FRAME
NOT TO SCALE



STORM SEWER CATCH BASIN FRAME
NOT TO SCALE



STORM SEWER CURB INLET FRAME
NOT TO SCALE



CONCRETE: 4 000 P.S.I.
STEEL: #4 @ 12' E.W. WITH 1 #6 OVER PIPE OPENING. (2" CLEARANCE OVER STEEL, REINF. BARS, 1/2" TOLERANCE).

RCP/CMP	A	B	C	D	E	F	G	H	J	K	L	M	N
15 - 18"	2'-7"	2'-1"	6'	6'	6 1/2'	1'-6"	1'-7"	2'-10"	2'-4"	8'	6'	6'-10"	7'-0"
24"	2'-11"	2'-8"	6'	5'	4 1/2'	1'-11"	2'-0"	3'-6"	3'-1"	7 1/2'	5'	10'-0"	10'-3 1/2"
30"	3'-6"	3'-2"	6'	6'	5 1/2'	2'-5"	2'-6 1/2"	3'-9"	3'-5"	7'	5'	11'-5"	11'-8 1/2"
36"	4'-1"	3'-10"	6'	7'	5 1/2'	2'-9"	3'-0"	4'-6"	4'-0"	6'	6'	14'-0"	14'-4 1/2"

STANDARD MITERED END SECTION DETAIL
NOT TO SCALE

Kimley»Horn

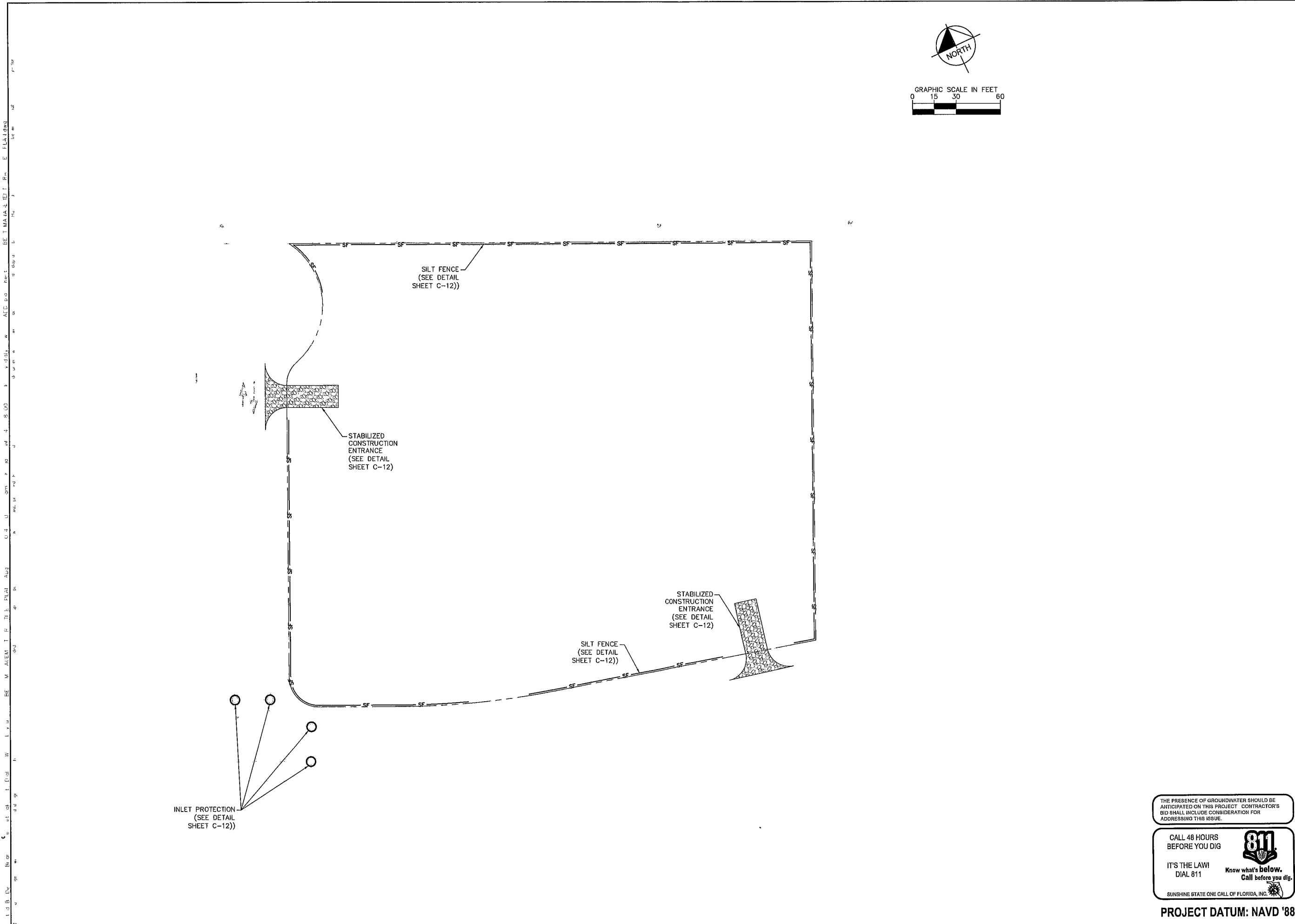
JOSEPH P. HORN, A.P.E.
F. R. HORN, M.E.E.F.

ALAN S. SHOWN, A.P.E.
DEAN H. BROWN, A.P.E.

SITE DETAILS

LAKE CITY
DIALYSIS WEST
PREPARED FOR
PCI - HEALTHDEV

SHEET NO. BFP
C-10



THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

CALL 48 HOURS BEFORE YOU DIG

IT'S THE LAW! DIAL 811

Know what's below. Call before you dig.

SUNSHINE STATE ONE CALL OF FLORIDA, INC.

PROJECT DATUM: NAVD '88

LAKE CITY DIALYSIS WEST PREPARED FOR PCI - HEALTHDEV	BEST MANAGEMENT PRACTICES PLAN	HA PROJECT DATE AUGUST 4, 2014		CELESTINE A. JOSEPH PROJECT MANAGER FLORIDA ENGINEER	KIMLEY-HORN 8000 EAST POPLAR AVE TALLAHASSEE, FL 32310 WWW.KHLE.COM	DATE	
		DATE	DATE				DATE
SHEET NUMBER C-11							

[illegible]

C-13	HEFT	IBEP
LAKE CITY DIALYSIS WEST PREPARED FOR PCI - HEALTHDEV	STORMWATER POLLUTION PREVENTION PLAN	HAS PR E T LATE SJC AUT I T + ALC A SH WI OES EG B B D DRAWN R B M PR FDR B D DATE U EN ED PROPE A JOSSEPH ME PE F JORDAN L EN L VIMBEF I B M DATE
Kinley»Horn © J KINLEY H P A O A ALE 86A GA PH F ROAD U HE A WILE F PH C 904 ALA MO A 304 G WWW ME PCP M A GO 31		
N	FEV	DATE