MOSQUITO WASH BAY
TAVARES MAINTENANCE FACILITY

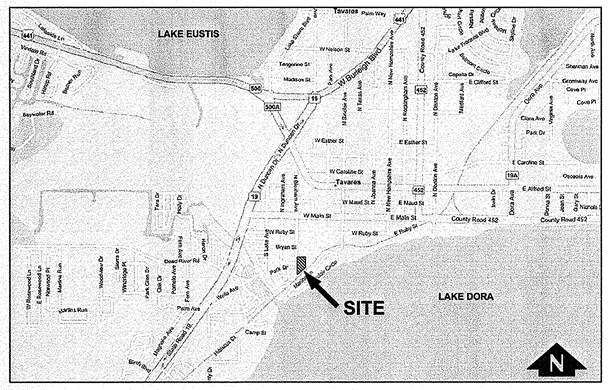
PROJECT NO. 2008 - 04

SIGNATURE	
DATE	
JEFFREY J. LARWART P.E. - FL REG. NO. 49935	
PROJECT NAME: 068533	
PROJECT NO. 068533	
PS-01 PS-02	

SHEET INDEX

NO.	DESCRIPTION
1.	COVER SHEET
2.	LEGENDS & NOTES
3.	SITE PLAN
4.	PLAN VIEW

LAKE COUNTY
FLORIDA



VICINITY / LOCATION MAP

PARCEL ID: 29-19-26-0500054 00100
SITE ADDRESS: 401 BLOXHAM AVENUE, TAVARES, FLORIDA 32778

COUNTY COMMISSIONERS

DISTRICT 1 - JENNIFER HILL, VICE CHAIRMAN
DISTRICT 2 - ELAINE RENICK
DISTRICT 3 - JIMMY CONNER
DISTRICT 4 - LINDA STEWART
DISTRICT 5 - WELTON G. CADWELL, CHAIRMAN

PREPARED BY:

WOOLPERT

3504 Lake Lynda Drive, Suite 400
Orlando, Florida 32817-1484
PHONE: (407) 381-2192
WWW.WOOLPERT.COM
Certificate of Authorization No. 7685 - L.B. #6777

LAKE COUNTY DEPARTMENT O
FACILITIES DEVELOPMENT AND MAMAGEMENT
32400 COUNTY ROAD 473
LEESBURG, FL 34788
PHONE: (352) 343-9760

PROJECT NUMBER: 068533	
PROJECT NAME: MOSQUITO WASH BAY	
SIGNATURE	DATE 7-23-09
JEFFREY LARWART P.E. - FL REG. NO. 49935	

GENERAL NOTES

1. STRIPING & SIGNING
   - A. ALL STRIPING TO BE LEAD AND SOLVENT FREE THERMOPLASTIC, UNLESS OTHERWISE NOTED.
   - B. STRIPING TO CONFORM TO M.U.T.C.D., LATEST EDITION.
   - C. STRIPING TO BE REFLECTORIZED.
   - D. ALL CENTERLINE STRIPING SHALL HAVE REFLECTIVE RAISED PAVEMENT MARKINGS (RPM'S) PER FDOT INDEX 17352, UNLESS OTHERWISE NOTED.
   - E. REPLACE ALL TRAFFIC CONTROL SIGNS THAT ARE DISTURBED.
   - F. ALL STRIPING, SIGNING, AND SIGNAL WORK SHALL BE COORDINATED WITH LAKE COUNTY TRAFFIC OPERATIONS. CONTRACTOR SHALL NOTIFY LAKE COUNTY TRAFFIC OPERATIONS (352) 742-1766 AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY STRIPING SIGNING, OR SIGNAL WORK.
   - G. ALL SIGNS & SIGNAL EQUIPMENT TO BE REMOVED ARE THE PROPERTY OF LAKE COUNTY. THESE ITEMS SHALL BE RETURNED TO LAKE COUNTY TRAFFIC OPERATIONS OR DISPOSED OF BY THE CONTRACTOR AT TRAFFIC OPERATIONS DIRECTION. COORDINATE WITH TRAFFIC OPERATIONS AT (352) 742-1766.
2. EROSION SEDIMENT CONTROL
   - A. PROTECT ALL INLETS, MITERED END SECTIONS, AND ENDWALLS AS PER F.D.O.T. STANDARD INDEX NO. 102.
   - B. LOCATIONS OF HAY BALES, STAKED TURBIDITY BARRIERS AND SILT FENCE ARE SUMMARIZED ON THE PLAN/PROFILE SHEETS. SEE F.D.O.T. INDEX NO. 102 FOR INSTALLATION.
   - C. SOIL TRACKING PREVENTION DEVICES SHALL BE CONSTRUCTED AS PER F.D.O.T. STANDARD INDEX NO. 106, AT POINTS OF EGRESS FROM UNSTABILIZED AREAS OF THE PROJECT TO ROADS WHERE OFFSITE TRACKING OF MUD COULD OCCUR.
   - D. SOD IMMEDIATELY AROUND NEW MITERED END SECTIONS TO F.D.O.T. SPECIFICATIONS.
   - E. SOD ALL DISTURBED AREAS, UNLESS OTHERWISE NOTED.
   - F. REPLACE ALL SOD WITH ORIGINAL TYPE ON ALL RESIDENTIAL FRONTAGE LOTS AND AS SHOWN ON PLANS.
   - G. CONTRACTOR SHALL DE-SILT ALL DRAINS, DITCHES AND SWALES AT COMPLETION OF CONSTRUCTION.
   - H. THE CONTRACTOR SHALL OBTAIN AN NPDES STORMWATER PERMIT PRIOR TO CONSTRUCTION.
3. UTILITIES
   - A. THE UTILITIES SHOWN IN THE PLANS MAY NOT BE ALL OF THE UTILITIES ON SITE. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. CALL SUNSHINE STATE 1-CALL OF FLORIDA, INC. @ 1-800-432-4770 TO CONFIRM UTILITY LOCATIONS.
   - B. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITIES PRIOR TO CONSTRUCTION AND COORDINATING UTILITY RELOCATION WITH THE PROJECT CONSTRUCTION.
4. THE ESTABLISHED CLEAR ZONE IS TO BE TEN FEET FROM NEW EDGE OF TRAVELWAY. ALL ABOVE GROUND STRUCTURES SUCH AS MAIL BOXES, TRAFFIC CONTROL SIGNS, STREET SIGNS, ETC., ARE TO BE REMOVED AND REPLACED OUTSIDE OF THE CLEAR ZONE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF REMOVAL AND REPLACEMENT OF THESE STRUCTURES. DAILY ACCESS TO MAIL BOXES SHALL BE MAINTAINED. ALL FENCES ARE TO BE RELOCATED TO THE RIGHT-OF-WAY. THE COUNTY ENGINEER MAY WAIVE SOME OF THESE REQUIREMENTS IF NECESSARY.
5. TREES AND LANDSCAPING
   - A. ALL TREES ARE TO REMAIN UNLESS OTHERWISE NOTED.
   - B. CONTRACTOR WILL REPLACE LANDSCAPING THAT IS REMOVED OR DESTROYED WITHIN THE LIMITS OF CONSTRUCTION.
   - C. REPLACED LANDSCAPING IS TO BE PLACED OFF OF THE RIGHT-OF-WAY.
   - D. TRIM ALL TREES WITHIN 8' OF EOP TO A HEIGHT OF 18'
6. ALL CONSTRUCTION TO MEET THE STANDARDS AND SPECIFICATIONS OF LAKE COUNTY, FLORIDA, AND THE F.D.O.T. STANDARDS AND SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
7. DRIVEWAYS
   - A. PAVE ALL DRIVEWAYS WITHIN RIGHT-OF-WAY.
   - B. SINGLE RESIDENTIAL DRIVES SHALL BE A MINIMUM 10.0' WIDE WITH AN 8.0' RADII.
   - C. DRIVEWAYS ARE NOT TO EXCEED 14% SLOPE.
   - D. CONSTRUCT CONCRETE APRONS AT EXISTING CONCRETE DRIVEWAYS.
8. A CONSTANT SLOPE SHALL BE MAINTAINED BETWEEN DESIGNATED AREAS OF CUT AND FILL.
9. CONSTRUCT ALL MITERED END SECTIONS PER F.D.O.T. INDEX NO. 272.
10. OPEN CUT AND REPAIR ALL ROADWAY CROSSINGS FOR STORMWATER SYSTEMS PROPOSED.
11. ALL PROPOSED ELEVATIONS ARE SHOWN WITH A BORDER, I.E. XX.XX ALL OTHER SPOT ELEVATIONS SHOWN ARE EXISTING.
12. PAVEMENT SHALL MEAN ALL ASPHALT AND BASE ASSOCIATED WITH A DRIVING SURFACE AS SHOWN ON PLANS.
13. REMOVE PAVEMENT OF SIDE STREETS AND DRIVEWAYS THAT ARE WITHIN LIMITS OF THE PROPOSED EDGE OF PAVEMENT OF COUNTY ROAD, AND CONSTRUCT PER CROSS SECTION SHOWN ON PLAN. SAWCUT ALL PAVED STREETS SAWCUT AND ROAD CONNECTIONS. MATCH EXISTING WIDTH AND ELEVATION.
14. SURVEY DATA
   - A. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL CONTROL AND BENCHMARK DATA BEFORE CONSTRUCTION. DISCREPANCIES IN DATA SHALL BE BROUGHT TO THE ATTENTION OF THE LAKE COUNTY SURVEY MANAGER. (352) 483-9085
   - B. ALL CONTROL POINTS AND BENCHMARKS SHALL BE PRESERVED OR REPLACED. IF REMOVAL OR REPLACEMENT IS NECESSARY, A WRITTEN NOTIFICATION SHALL BE SENT TO LAKE COUNTY SURVEY MANAGER @ 437 ARDICE AVE. EUSTIS FL 32726 7 DAYS PRIOR TO DISTURBANCE.
15. TRAFFIC CONTROLS
   - A. EXISTING STREETS AND DRIVEWAYS SHALL BE MAINTAINED TO LOCAL TRAFFIC AND PROPERTY OWNERS.
   - B. CONTRACTOR SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, PART IV AND ROADWAY AND TRAFFIC DESIGN STANDARDS, INDEX NOS. 600-660 AS APPLICABLE, LATEST EDITIONS.
   - C. CONTRACTOR SHALL SUBMIT DETAILED MAINTENANCE OF TRAFFIC PLANS FOR REVIEW.
16. GEOTECHNICAL NOTES
   - A. THE CONTRACTOR SHALL NOTIFY THE LAKE COUNTY CONSTRUCTION INSPECTOR 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY POND CONSTRUCTION TO COORDINATE THE INSPECTION OF THE PROPOSED CONSTRUCTION PRACTICES AND THE MATERIALS TO BE USED.

UTILITY COMPANIES

CITY OF TAVARES WATER
Mr. BURNEY VAUGHN
201 EAST MAIN STREET
TAVARES, FLORIDA 32778
(352) 742-6222

CITY OF TAVARES WAISTE WATER
Mr. KATHY LOGAN
201 EAST MAIN STREET TAVARES,
FLORIDA 32778
(352) 742-6323

ELECTRICITY
PROGRESS ENERGY
GENERAL CORRESPONDENCE/CORP.
PROGRESS ENERGY
P.O. BOX 1551
RALEIGH, NC 27602-1551
(877) 342-5372

TELEPHONE
Embarq

GAS
AmeriGas

CATV
None

UTILITY LEGEND

—◇—	PP
	TOWER
---6" GM---	GAS MAIN
---6" WM---	WATER MAIN
---8" SAN---	SANITARY SEWER

LOCATIONS LEGEND

= CATCH BASIN	= MANHOLE
= TYPE II INLET	= TRANSFORMER
= GATE	= VALVE
= CURB INLET	= GAS MARKER
= CABLE TV BOX	= TELEPHONE BOX
= MITERD END SECTION	= WATER METER
= FIRE HYDRANT	= GUY WIRE
= ROAD SIGN	= MAIL BOX
= LIGHT	= SWALE CHECK
= SPRINKLER	= MONITOR WELL

MONUMENTATION LEGEND

= CALC. POINT	= IRON PIN	= ETCHED X
= ANGLE IRON	= SURVEY NAIL	= SQUARE C.M.
= IRON PIPE	= OCTANGAL C.M.	= ROUND C.M.
= AXLE	= NAIL & DISK	= WOOD POST
= PK NAIL	= RAIL ROAD SPIKE	= METAL PLATE
= BENCH MARK	= HUB & TACK	

SIZE & RLS NUMBER AS SHOWN.
ALL MONUMENTS ARE FOUND UNLESS OTHERWISE NOTED.

STANDARD ABBREVIATIONS

A	
AC.	ACRE
ALT.	ALTERNATE
ASPH.	ASPHALT
B	
BL	BASE LINE
B.M.	BENCH MARK
BOT.	BOTTOM
C	
CL	CENTER LINE
CLR.	CLEAR / CLEARANCE
CMP	CORRUGATED METAL PIPE
CLF	CHAIN LINK FENCE
CP	COMBINATION POLE
CONST.	CONSTRUCT / CONSTRUCTION
CULV	CULVERT
D	
DET.	DETAIL
DIA.	DIAMETER
D/W	DRIVEWAY
E	
E	EAST
EA.	EACH
EL	ELEVATION
ELLIP	ELLIPTICAL
ENGR.	ENGINEER
EOC	EDGE OF CONCRETE
EOP	EDGE OF PAVEMENT
EOT	EDGE OF TRAVEL
ESMT.	EASEMENT
EXIST.	EXISTING
F	
F.G.	FINISHED GRADE
FT.	FEET/FOOT
FUT	FUT FUTURE
G	
GND.	GROUND
GP	GRADE POINT
H	
HORIZ	HORIZONTAL
H.W.	HIGH WATER
I	
I.D.	INSIDE DIAMETER
IN.	INCHES
INT.	INTERSECTION
INV.	INVERT
I.P.	IRON PIPE
J	
J.B.	JUNCTION BOX
JT.	JOINT
L	
L	LENGTH
L.F.	LINEAR FEET
LMRK	LIME ROCK
L.P.	LIGHT POLE
LTD	LIGHTED
LT	LEFT
L.W.	LOW WATER
M	
MATL.	MATERIAL
MAX.	MAXIMUM
MES.	MITERED END SECTION
MFR.	MANUFACTURER
M.H.	MANHOLE
MIN.	MINIMUM
MISC.	MISCELLANEOUS
MON.	MONUMENT
MHW	MEAN HIGH WATER
N	
N	NORTH
N&C	NAIL & CAP
N&D	NAIL & DISK
N/A	NOT APPLICABLE
NIC	NOT IN CONTRACT
NPDES	NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM
N.T.S.	NOT TO SCALE
O	
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
OH.	OVERHEAD
OPNG.	OPENING
OPT.	OPTION
P	
PC	POINT OF CURVE
PCC	POINT OF COMPOUND CURVE
P.C.M.	PERMANENT CONTROL MONUMENT
PI	POINT OF INTERSECTION
POB	POINT OF BEGINNING
P.P.	POWER POLE
PROP.	PROPOSED
PRC	POINT OF REVERSE CURVE
PT	POINT OF TANGENCY
Q	
Q	FLOW RATE
QTY.	QUANTITY
R	
R	RADIUS
R/W	RIGHT OF WAY
R.C.	REINFORCED CONCRETE
RCP	REINFORCED CONCRETE PIPE
RCPA	REINFORCED CONCRETE PIPE ARCH
RD.	ROAD
REF.	REFERENCE
REV.	REVISION
RPM	REFLECTIVE PAVEMENT MARKERS
REQD.	REQUIRED
RT	RIGHT
S	
S	SOUTH
S/F	SILT FENCE
SHT.	SHEET
STA.	STATION
STD.	STANDARD
SS	STORM SEWER
SWPPP	STORM WATER POLUTION PREVENTION PLAN
T	
T&B	TOP & BOTTOM
TBM	TEMPORARY BENCH MARK
TAN.	TANGENT
TEL.	TELEPHONE
TOB	TOP OF BANK
TOS	TOE OF SLOPE
T.P.	TELEPHONE POLE
TYP	TYPICAL
U	
U.G.	UNDERGROUND
U.G.P.	UNDERGROUND POWER
U.N.O.	UNLESS NOTED OTHERWISE
U.T.C.	UNDERGROUND TELEPHONE CABLE
UTIL.	UTILITY
V	
VAR.	VARIES
W	
W	WEST
W/	WITH
W/O	WITH OUT
W.L.	WATER LINE
WM	WATER MAIN
W.R.A.	WATER RETENTION AREA
W.S.	WATER SURFACE
W.S.EL.	WATER SURFACE ELEVATION
Y	
YD(S)	YARDS

EROSION & SEDIMENT CONTROL

PRIOR TO INITIATING CONSTRUCTION OF PLANNED IMPROVEMENTS, ALL SWALES WILL BE EXCAVATED AND ROUGH GRADED TO PROVIDE SEDIMENT AND RUNOFF CONTROL DURING CONSTRUCTION.

ALL DISTURBED AREAS WILL BE BROUGHT TO FINAL GRADE AND SEEDED AND MULCHED OR SODDED AS SOON AS POSSIBLE.

AREAS WHICH MAY ERODE DUE TO SLOPES OR CONCENTRATED RUNOFF DURING CONSTRUCTION WILL BE PROTECTED WITH SILT FENCE PER FDOT ROAD DESIGN STANDARD INDEX 102.

UPON COMPLETION OF SITE IMPROVEMENTS, THE RETENTION PONDS, SWALES, AND OTHER STORM WATER MANAGEMENT DEVICES WILL BE FINAL GRADED AND SODDED AS SPECIFIED IN THE APPROVED CONSTRUCTION PLANS.

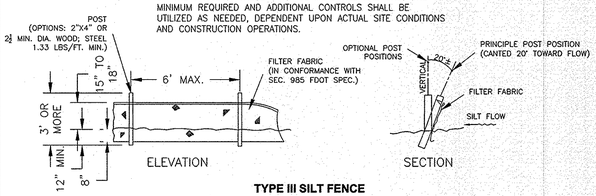
ROUTINE MAINTENANCE - STORM WATER

AFTER COMPLETION OF CONSTRUCTION, SWALES WILL BE MOWED AND MAINTAINED AS PART OF THE COUNTY ROAD MAINTENANCE.

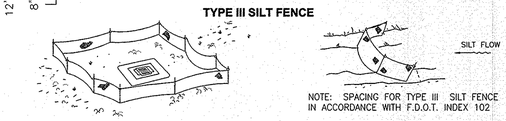
TRASH AND DEBRIS THAT ACCUMULATES WITHIN THE RETENTION PONDS, SWALES, PIPES, AND INLETS WILL BE MANUALLY COLLECTED AND DISPOSED OF WITH OTHER NORMAL SOLID WASTE.

ANY EROSION, LOSS OF GRASS, ETC., WILL BE REPAIRED OR REPLACED ROUTINELY AND AS NEEDED.

NOTE:
EROSION, SEDIMENT AND TURBIDITY CONTROL SHALL BE MAINTAINED AT ALL TIMES DURING AND AFTER CONSTRUCTION OF THE PROJECT. THESE CONTROL MEASURES ARE ONLY THE MINIMUM REQUIRED AND ADDITIONAL CONTROLS SHALL BE UTILIZED AS NEEDED, DEPENDENT UPON ACTUAL SITE CONDITIONS AND CONSTRUCTION OPERATIONS.



TYPE III SILT FENCE



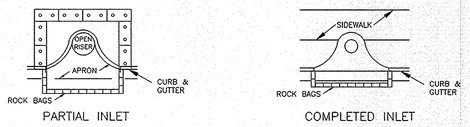
TYPE III SILT FENCE PROTECTION AROUND DITCH BOTTOM INLETS.

NOTE: SPACING FOR TYPE III SILT FENCE IN ACCORDANCE WITH F.D.O.T. INDEX 102

TYPE III SILT FENCE

DO NOT DEPLOY IN A MANNER THAT SILT FENCES WILL ACT AS A DAM ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE USED AT UPLAND LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.

SILT FENCE APPLICATIONS



PROTECTION AROUND INLETS OR SIMILAR STRUCTURES

NO.	DATE	REVISION	BY	APPR'D

DESIGNED JJE/GCR
DRAWN GCR
CHECKED JJE
DATE XX
PROJECT ENGINEER

APPROVED
THIS PLAN IS NOT VALID WITHOUT SIGNATURE, DATE, AND PROFESSIONAL SEAL APPLIED.
DATE 12-23-08
JEFFREY J. LEARHART P.E. No. 49935
CIVIL DISCIPLINE

WOOLPERT
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(COA 7685)
3504 Lake Lynda Drive, Suite 400
Orlando, Florida 32817
(407) 381-2192
www.woolpert.com

MOSQUITO WASH BAY
TAVARES MAINTENANCE FACILITY
LAKE COUNTY, FLORIDA

NOTES AND ABBREVIATIONS

FILENAME

DATE	PROJECT NO.
11/28/08	XX
SCALE	SHEET NO. 2 OF 4

SUB: DRAFTER DATE PROJ. DESGN DATE SUR MAN DATE BACKCHECK DATE PROJ MAN DATE QC DATE REVW DATE

BARE WOOD POLE

6' CHAIN LINK FENCE

CLEANOUT 30° BEND

CLEANOUT

CONSTRUCT 1,915 SF SOD

℄ SWALE EL. = 100.5

CONSTRUCT 393 LF 3" SCH 80 PVC, SR-35, GREEN SANITARY SEWERLINE @ .7% WITH 2' MINIMUM COVER (TYP)

6' WOOD FENCE

CONC.

CONSTRUCT SILT FENCE

LIMITS OF SOD

4 - 2.8'X7.5'X2.25' TALL CONC. TANK WITH NO TOP ON WOOD BLOCKS

10'X20' AREA WITH 4"X4" WOOD POST AT EACH CORNER

BRICK ENCLOSED EXHAUST FAN STALL

1 STORY SHED

GATE

60° BEND

SAWCUT AND REMOVE ASPHALT TO CONSTRUCT 3" SCH 80 PVC THEN PATCH ASPHALT

APPROXIMATE LOCATION OF PROPERTY LINE

20:1 (Max.)

LIMITS OF PROP. 6" THICK CONC. PVMNT (2038 SF)

1 STORY ALUMINUM BLDG. FF = 101.21

ALUMINUM ROOF

8' PVC SAN

6' CHAIN LINK FENCE

ASPHALT

GRASS

1 STORY METAL GARAGE WITH CONC. SLAB

1.5' WIDE CONC.

STONE & GRAVEL

90° BEND CLEANOUT

DIESEL TANK

6"X6" CONC. POST (TYP)

4" STEEL POST

2" GAS LINE

GAS TANK

REMOVE EXISTING FREESTANDING ALUMINUM ROOF DURING CONSTRUCTION, REPLACE WHEN CONSTRUCTION HAS BEEN COMPLETED.

PROPOSED 8' CONCRETE BLOCK WALL

CLEANOUT 90° BEND

CONNECT PROPOSED 3" PVC SANITARY SEWERLINE TO EXISTIND SANITARY MANHOLE

CONSTRUCT 1,080 SF SOD

CONSTRUCT SILT FENCE

PROP. 6" THICK CONCRETE SLAB 192 S.F.

TANK STORAGE AREA

CONC.

ALUMINUM BLDG.

SANITARY MANHOLE
ASSUMED RIM ELEV.=100.00'
INVERT ELEV. TO VALLEY=95.6'
EAST INVERT ELEVATION = 95.7

N

0 10 20

ELEVATION IS ON ASSUMED DATUM

TOTAL SITE AREA = 151,608 S.F.
IMPERVIOUS AREA TO BE CONSTRUCTED = 2,230 S.F.

NO.	DATE	REVISION	BY	APPR'D

DESIGNED JJE/GCR
DRAWN GCR
CHECKED JJE
XX
PROJECT ENGINEER

APPROVED: THIS PLAN IS NOT VALID WITHOUT SIGNATURE, DATE AND RAISED SEAL APPLIED
DATE: 1-23-09
JEFFREY J. EWERHART P.E. No. 49935
CIVIL DISCIPLINE

WOOLPERT

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(COA 7685)
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MOSQUITO WASH BAY
TAVARES MAINTENANCE FACILITY
LAKE COUNTY, FLORIDA

SITE PLAN

FILENAME

DATE 11/28/08

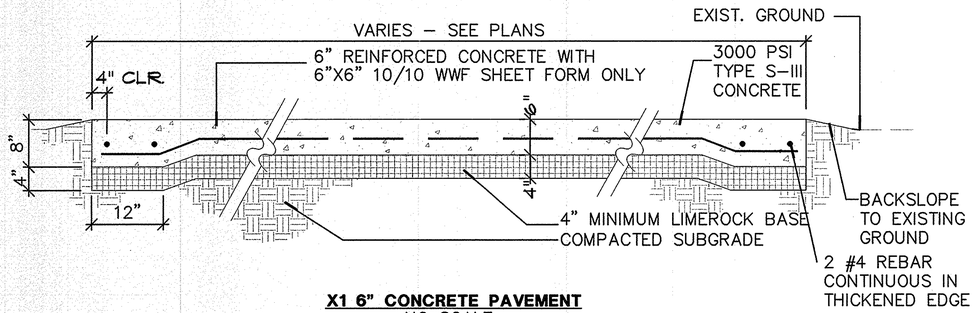
PROJECT NO. XX

SCALE

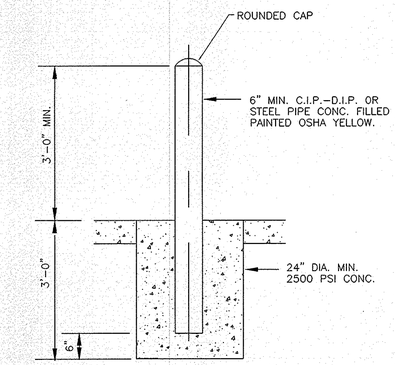
SHEET NO. 3 OF 4

SUB: DRAFTER DATE PROJ. DESGN DATE SUR MAN DATE QC DATE PROJ MAN DATE REVW DATE BACKCHECK DATE

NOTES:
1) CONCRETE SLABS SHALL HAVE CONTRACTION JOINTS SAW CUT TO A DEPTH 1/4" THE CROSS SECTION OF THE CONCRETE (400 SF MAX.)
2) PROVIDE EXPANSION JOINT AGAINST ALL VERTICAL SURFACES
3) ALL PAVING SHALL HAVE 2 #4 RODS IN THICKENED EDGE (CONTINUOUSLY) AND 6"x6" 20x20 WWM CENTERED IN SLAB. USE FLAT SHEET STOCK ONLY.

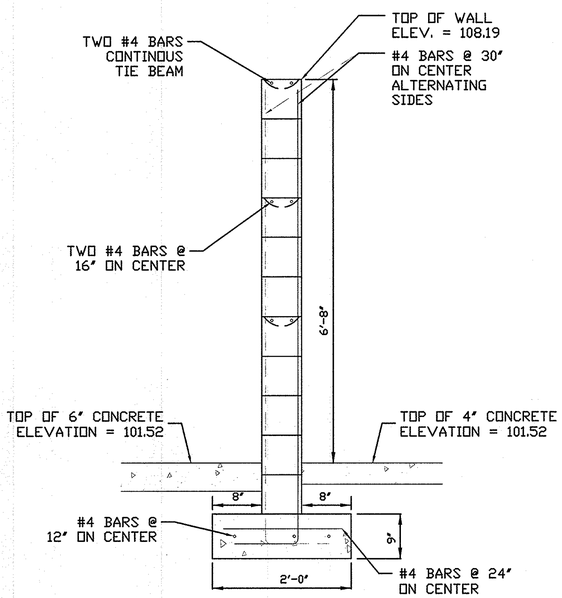


X1 6" CONCRETE PAVEMENT
NO SCALE



DEPENDING UPON THE FACILITY/DEVICE TO BE PROTECTED LARGER BOLLARDS AND CONCRETE ANCHORS MAY BR REQUIRED.

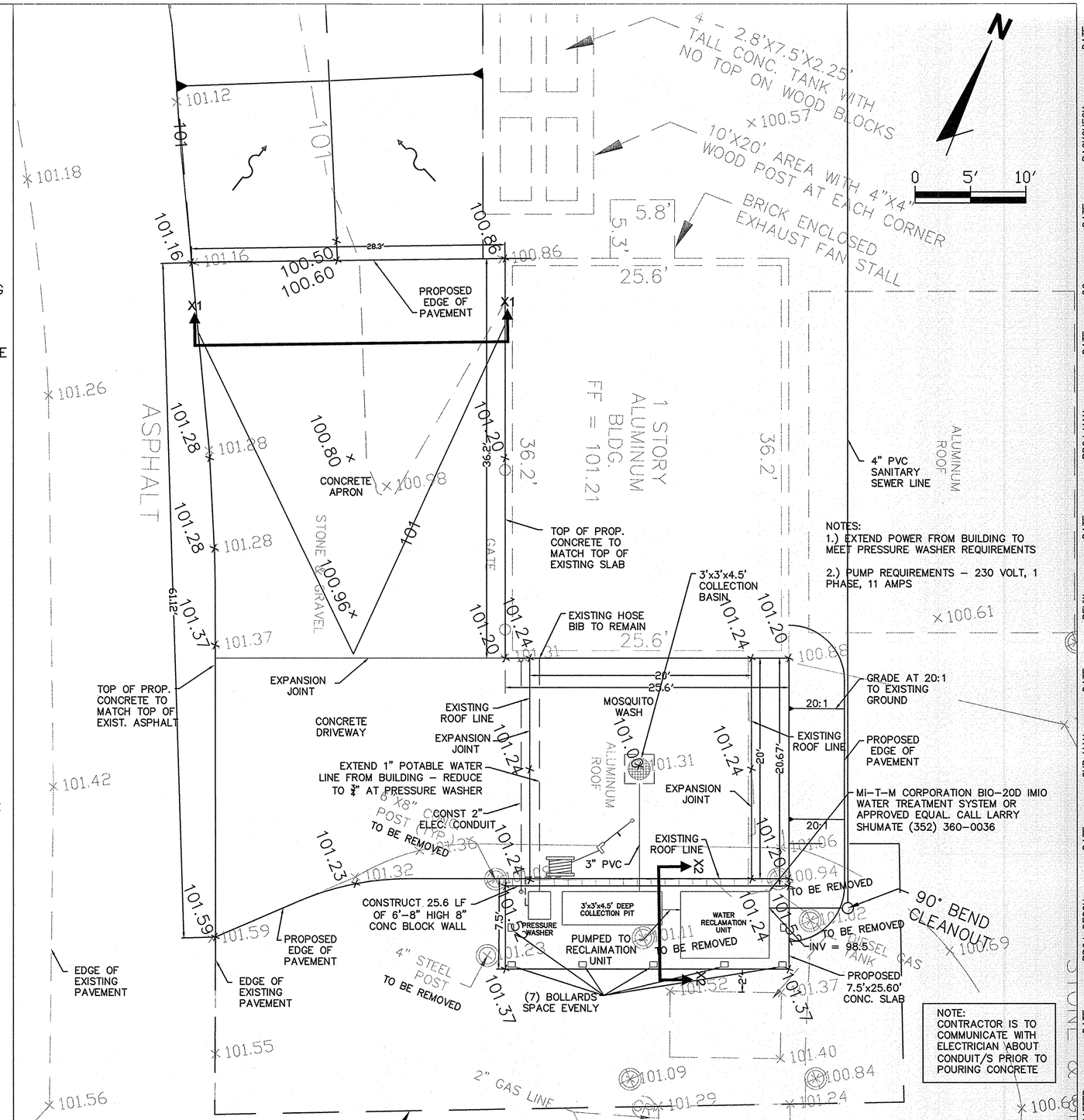
BOLLARD DETAIL



ALL CELLS TO BE FILLED WITH 2500 PSI CONCRETE

8" CONCRETE BLOCK WALL SECTION
NO SCALE

CODE: MEETS 2004 FLORIDA BUILDING CODE
WITH 2005 AND 2006 REVISIONS
110 MPH (3 SECOND GUST)
IMPORTANCE FACTOR CATEGORY 1
EXPOSURE B



NOTES:
1.) EXTEND POWER FROM BUILDING TO MEET PRESSURE WASHER REQUIREMENTS
2.) PUMP REQUIREMENTS – 230 VOLT, 1 PHASE, 11 AMPS

NOTE:
CONTRACTOR IS TO COMMUNICATE WITH ELECTRICIAN ABOUT CONDUIT/S PRIOR TO POURING CONCRETE

NO.	DATE	REVISION	BY	APPR'D

DESIGNED JJE/GCR
DRAWN GCR
CHECKED JJE
XX
PROJECT ENGINEER

APPROVED THIS PLAN IS NOT VALID WITHOUT SIGNATURE, DATE AND RAISED SEAL APPLIED.
DATE 7-23-08
JEFFREY S. LOBART, P.E. No. 49935
CIVIL DISCIPLINE

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TAVARES MAINTENANCE FACILITY
LAKE COUNTY, FLORIDA

PLAN VIEW AND DETAILS

FILENAME

DATE	PROJECT NO.
11/28/08	XX
SCALE	SHEET NO. 4 OF 4

SUB: DRAFTER DATE PROJ. DESGN DATE SUR MAN DATE PROJ MAN DATE QC DATE BACKCHECK DATE REVIW DATE