# APPENDIX “E”
## STANDARD DETAILS & NOTES
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*THE BACK PLATE HOLDS THE NAME PLATE AND NUMBER PLATE

BACK PLATE

FLAT-HEAD SCREW

BRAILLLE

NUMBER PLATE

JASON SMITH

PRESIDENT

131E

5'-2"

FINISH FLOOR

DOOR LOCK (LATCH SIDE)

DOOR FRAME

SINGLE DOORS - SIGN SHALL BE MOUNTED NEXT TO THE DOOR ON THE LATCH SIDE

DOOR HAND DOOR - SIGN SHALL BE LOCATED ON THE RIGHT SIDE OF THE DOOR.

DOUBLE DOORS (TWO ACTIVE LEAVES) - SIGN SHALL BE LOCATED TO THE RIGHT OF THE DOOR. (ONE ACTIVE LEAF) - SIGN SHALL BE LOCATED ON THE NEAREST ADJACENT WALL.

WHEN THERE IS NO WALL SPACE - SIGN SHALL BE LOCATED ON THE NEAREST ADJACENT WALL.
NOTE

1. POLE, LUMINARIES, ARMS AND BASE SHALL BE DESIGNED TO MEET STATE OF FLORIDA BUILDING CODE, LATEST EDITION, WIND LOADING. SUBMIT MANUFACTURERS CERTIFICATION THAT THE ENTIRE ASSEMBLY IS DESIGNED FOR WIND LOAD NOTED AND TO COMPLY WITH FLORIDA BUILDING CODE REQUIREMENTS. SUBMITTAL TO BE SIGNED AND SEALED BY A STRUCTURAL ENGINEER.

2. PROVIDE #6 GROUND WIRE EXOTHERMICALLY WELDED TO BASE REINFORCING GROUND WIRE, POLE/LUMINAIRE GROUND AND TO GROUND ROD.

CONCRETE BASE DEPTH, WIDTH AND ANCHOR BOLTS AS PER MANUFACTURER'S TEMPLATE
HEAVY DUTY (20,000#) POLYMER CONCRETE COVER WITH BOLTS

ALL SPLICES AND CONNECTIONS SHALL BE MADE WITH WATERPROOF WIRE CONNECTORS

LIGHTING CIRCUIT GND WIRE

ENDS OF CONDUIT SHALL BE SEALED WITH ELECTRICAL PUTTY AFTER WIRING IS COMPLETED.

POLYMER CONCRETE PULL BOX

12" BED OF PEAROCK OR CRUSHED STONE FOR DRAINAGE

STRANDED CU THWN WIRES IN PVC CONDUIT. REFER TO PLAN SHEETS FOR NUMBER, SIZE, CONTENTS AND ORIENTATION. PROVIDE MINIMUM 24" COVER.

#6 GND WIRE BONDED TO LIGHT POLE

GROUND CLAMP

CONDUIT TO LIGHT POLE

3/4" x 10' COPPER CLAD GROUND ROD

NOTE:
PROVIDE 8x8x6 UL LISTED MOLDED NON METALIC JUNCTION BOX BY CARLON OR EQUAL
NOTE

1. POLE, LUMINARIES, ARMS AND BASE SHALL BE DESIGNED TO MEET STATE OF FLORIDA BUILDING CODE, LATEST EDITION, WIND LOADING. SUBMIT MANUFACTURERS CERTIFICATION THAT THE ENTIRE ASSEMBLY IS DESIGNED FOR WIND LOAD NOTED AND TO COMPLY WITH FLORIDA BUILDING CODE REQUIREMENTS. SUBMITTAL TO BE SIGNED AND SEALED BY A STRUCTURAL ENGINEER.

2. PROVIDE #6 GROUND WIRE EXOTHERMICALLY WELDED TO BASE REINFORCING GROUND WIRE, POLE/LUMINAIRE GROUND AND TO GROUND ROD.

LED LUMINAIRE "LOUIS POULSEN" OR APPROVED EQUAL

12' ALUMINUM POLE

BOND EQUIPMENT GROUND CONDUCTOR AND GROUND ROD CONDUCTOR TO GROUND LUG.

FINISH GRADE (SOD)

SCHEDULE 40 PVC CONDUIT TO PULL BOX

CONCRETE BASE DEPTH, WIDTH AND ANCHOR BOLTS AS PER MANUFACTURER'S TEMPLATE
USF 639 RING AND BG HEAVY DUTY COVER WITH LETTERING "TELECOMMUNICATION"

HEAVY DUTY CONC. HANDHOLE (TOP & BASE)

5'-0" SQUARE

DUCT TERMINATORS, KNOCKOUTS OR BLOCKOUTS AS REQUIRED

NO BOTTOM

5'-0" MAX.

12" BED OF PEAROCK OR CRUSHED STONE FOR DRAINAGE

NOTE:
ALL CONCRETE TO BE MIN. 4000 PSI TYPE II CEMENT
HEAVY DUTY CONC. MANHOLE

USF 639 RING AND BG HEAVY DUTY COVER WITH LETTERING "TELECOMMUNICATION"

15" COLLAR

MIN. 48 TERMINATORS SQUARE TO ROUND

84"

72"

144"

45"

39"

(2) 13" DIA. SUMP

NOTE:
ALL CONCRETE TO BE MIN. 4000 PSI TYPE II CEMENT
STAINLESS STEEL (316)
HEAVY-DUTY (H-20)
ACCESS DOUBLE DOOR
WITH TAMPER RESISTANT HINGES.
BEADED WELD LETTERING ON COVER:
"TELECOMMUNICATION"

DUCT TERMINATORS,
KNOCKOUTS OR
BLOCKOUTS AS REQUIRED

12" BED OF PEAROCK
OR CRUSHED STONE FOR DRAINAGE

NOTE:
ALL CONCRETE TO
BE MIN. 4000 PSI
TYPE II CEMENT
NEW 6" THICK CONCRETE SIDEWALK
5x5 W1.4x W1.4 WWF
CONST. 1/8" CONTROL
JOINT @ 5'-0" O.C.
CONCRETE SHALL BE
CLASS I CONC. WITH A
MINIMUM STRENGTH OF
3000 PSI.
COMPACT SUB-GRADE
TO 95% DENSITY PER
AASHTO T-99

TOOLED CONTROL JOINT
LIGHT BROOM FINISH (TYP.)
SAW CUT
#4 BARS DOWLED
INTO EXISTING SLAB
WITH EPOXY GROUT,
MIN 8" EMBEDMENT @
24" C.C.
EXISTING CONC. SLAB
8"
8"

EXISTING

NEW
TYPICAL PAVING EDGE DETAIL

Compact Subgrade 95%
6" Limerock
Sand Bedding Course 1-1/2" Max.
Pattern w/FLU Coordinate Color & Rated Paver 4" x 8" Traffic Joints
Max. Slash Filled 1/16" Min. - 3/16"

#5 Rebar
Finish (Typ.)
Edging Light Broom 12" x 12" Concrete
GENERAL NOTES:

1. The contractor shall visit the site and shall fully acquaint himself with the conditions relating to construction, to include difficulties and restrictions related to the work and existing conditions in the field.

2. The contractor shall notify the project manager of any discrepancies, omissions, or other conflicts or irregularities prior to the commencement of any work.

3. Where new pavement is to be connected to an existing pavement, the existing pavement, the existing asphalt shall be saw cut and removed 12" from the exist edge.

4. All existing exposed base rock shall be fully removed.

5. Contractor shall be responsible for repairing or patching any damage which may occur during construction activities.

ASPHALT T-1800
Compacted to a 95% density (LBR=40)
1.5" stabilization subgrade
6" Limerock base (Prime & tack coat)

1" Asphalt concrete surface (type S-3)
10.0" 0.6 C. (max)
Concrete joints at hours of pour or 1/8"
Provide saw cuts w/in 48 hours of pour.

TYPE "D" concrete curb.
FINISH GRADE
FENCE NOTES

1. ALL MATERIAL FOR FENCE POST AND FRAMING SHALL BE SCHEDULE 40 HOT-DIPPED GALVANIZED STEEL WITH GALVANIZED COATING WEIGHTING 1.8 OZ. PER SQ. FT. MINIMUM.

2. CONTRACTOR SHALL SUBMIT PRODUCT DATA IN THE FORM OF MANUFACTURER'S TECHNICAL DATA, SPECIFICATIONS AND INSTALLATION INSTRUCTION FOR FENCE AND GATE POST, GATES, HARDWARE AND ACCESSORIES.

3. LINE POST SHALL BE 2.5" O.D. @ 10'-0" O.C. WITH A MIN. FOOTING DEPTH OF 3'-0" AND MIN. POST FTG. OF 2'-6".

4. CORNER, END AND PULL POSTS SHALL BE 3" O.D. WITH A MIN. FOOTING DEPTH OF 3'-6" AND MIN. POST FTG. OF 3'-0".

5. DOUBLE GATE (12'-0" WIDE) POST SHALL BE 4" O.D. WITH A MIN. FOOTING DEPTH OF 3'-6" AND MIN. POST FTG. OF 3'-0".

6. INSTALL HORIZONTAL BRACING AT EVERY END, CORNER, GATE AND PULL POSTS. BRACING SHALL BE HOT DIP GALVANIZED SCH. 40 PIPE 1-5/8" O.D. WITH HOT DIPPED GALVANIZED TRUSS RODS, TURNBUCKLES, BOLTS, WASHER AND NUTS. PULL POST BRACING IS TO BE PROVIDED EVERY 200 LINEAL FEET OF STRAIGHT FENCING.

7. INSTALL TOP RAIL TO RUN CONTINUOUSLY BETWEEN LINE, CORNER, GATE, PULL AND END POST. RAILING SHALL BE HOT DIP GALVANIZED SCH. 40 PIPE, 1-5/8" O.D.

8. GATE FRAMES SHALL BE MIN. 2" O.D. SCH. 40 HOT DIP GALVANIZED. COAT ALL WELDS WITH A SUITABLE COLD GALVANIZING COMPOUND. ALL GATES MUST BE SUITABLY TRUSSED AND BRACED TO PREVENT SAGGING.

9. GATE HINGES SHALL BE HOT DIP GALV. BALL & SOCKET, OFFSET TYPE TO ALLOW GATES TO SWING BACK PARALLEL WITH THE FENCE LINE.

10. GATE LATCHES SHALL BE HOT DIP GALV. READILY LOCKABLE WITH PADLOCK. FOR DOUBLE GATES LATCHES SHALL BE HEAVY DUTY, GALVANIZED, MALLEABLE IRON GATE STOPS WITH STEEL PIPE SLEEVES ANCHORED IN CONCRETE AND ARRANGED TO ENGAGE PLUNGER OF LATCH LOCATED AT THE CENTER OF THE OPENING. LATCH AND PLUNGER SHALL BE REMOVABLE WITHOUT TOOLS.

11. CONSTRUCT KEEPERS OF RUST PROOF MATERIAL. ALL KEEPERS SHALL AUTOMATICALLY ENGAGE THE GATE LEAF AND HOLD IT IN THE OPEN POSITION UNTIL MANUALLY RELEASED. KEEPERS SHALL BE IN SET IN CONCRETE.

12. WIRE FABRIC MESH SHALL BE 2" NO. 9 GA. GALVANIZED. ALL FABRIC AND TIE WIRE TERMINAL ENDS SHALL BE KNUCKLED AND TURNED AWAY FROM THE TRAFFIC SIDE OF FENCES.

13. PROVIDE ONE 3/16" x 3/4" MIN. O.D. HOT DIP GALVANIZED STRETCHER BAR FOR EACH GATE POST AND END POST TWO INCHES SHORTER THAN FULL HEIGHT OF FABRIC.

14. ALL FABRIC TIE WIRE SHALL BE NO. 9 GA., STEEL ALLOY, GALVANIZED, TIE WIRE TIES SHALL NOT EXCEED 14" O.C. AT LINE, END, CORNER PULL AND GATE POSTS AND 24" O.C. AT TOP RAILS.

15. INSTALL ALL FENCING AND GATES PLUMB, LEVEL AND ALIGNED WITH ALL ABUTTING FENCING IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTION AND APPROVED SHOP DRAWINGS.

16. TOP OF FABRIC LINE SHALL BE STRAIGHT AND LEVEL.

17. ALL HARDWARE INCLUDING (BUT NOT LIMITED TO) BRACE BANDS, TENSION BANDS AND STRETCHER TURNBUCKLES SHALL HAVE ROUNDED EDGES.

18. ALL GATES SHALL BE INSTALLED COMPLETE WITH HINGES, LATCHES, KEEPERS AND STOPS. THEY SHALL BE LEVEL AND PLUMB IN THEIR CLOSED POSITION.


20. SET POST IN 3,000 PSI CONCRETE CONSISTING OF NO LESS THAN SIX BAGS OF CEMENT PER CUBIC YARD OF SAND, ROD OR VIBRATE CONCRETE IN EARTH THAT HAS BEEN COMPACTED OR WATER SATURATED AND ALLOWED TO SETTLE.

21. FOOTING DIAMETER SHALL BE NOT LESS THAN FOUR TIMES THE DIAMETER OF THE POST. SLOP THE TOP OF THE FOOTING A MINIMUM OF 1 INCH. TO THE SURROUNDING GRADE TO SHED WATER. POST SHALL BE SET IN CONCRETE IN ITS ENTIRE UNDERGROUND LENGTH FROM GRADE LEVEL TO THE RECOMMENDED DEPTH THEN RAISED 6" UNTIL THE CONCRETE HAS FULLY CURED.
PER AASHTO T-99
COMPACT SUB-GRADE TO 95% DENSITY
A MINIMUM STRENGTH OF 3000 PSI
CONCRETE SHALL BE CLASS I CONC. WITH
JOINT @ 6'-0" O.C.
W/I 4" X 4" W/C CONST. 1/8" CONTROL
NEW 6" THICK CONCRETE SIDEWALK 5X5
LIGHT BROOM FINISH (TYP.)
TOOLED EDGE
1#5