

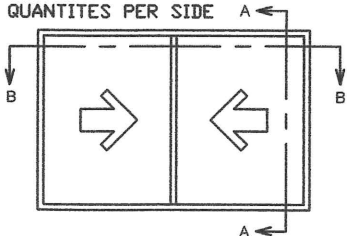
DESIGN PRESSURE RATING AND ANCHOR CHART

WINDOW SIZE (INCHES)	PRESSURE CAPACITY IN PSF		QUANTITY OF ANCHORS	
WIDTH/HEIGHT	EXTERIOR	INTERIOR	HD/SILL	JAMBS
30 x 36	+50	-50	3	3
30 x 48	+50	-50	3	4
30 x 60	+50	-50	3	4
30 x 63	+50	-50	3	4
36 x 36	+50	-50	3	3
36 x 48	+50	-50	3	4
36 x 60	+50	-50	3	4
36 x 63	+50	-50	3	4
42 x 36	+50	-50	3	3
42 x 48	+50	-50	3	4
42 x 60	+50	-50	3	4
42 x 63	+50	-50	3	4
48 x 36	+50	-50	4	3
48 x 48	+50	-50	4	4
48 x 60	+50	-50	4	4
48 x 63	+50	-50	4	4
54 x 36	+50	-50	4	3
54 x 48	+50	-50	4	4
54 x 60	+50	-50	4	4
54 x 63	+50	-50	4	4
60 x 36	+50	-50	4	3
60 x 48	+50	-50	4	4
60 x 60	+50	-50	4	4
60 x 63	+50	-50	4	4
66 x 36	+50	-50	5	3
66 x 48	+50	-50	5	4
66 x 60	+50	-50	5	4
66 x 63	+50	-50	5	4
72 x 36	+50	-50	5	3
72 x 48	+50	-50	5	4
72 x 60	+50	-50	5	4
72 x 63	+50	-50	5	4

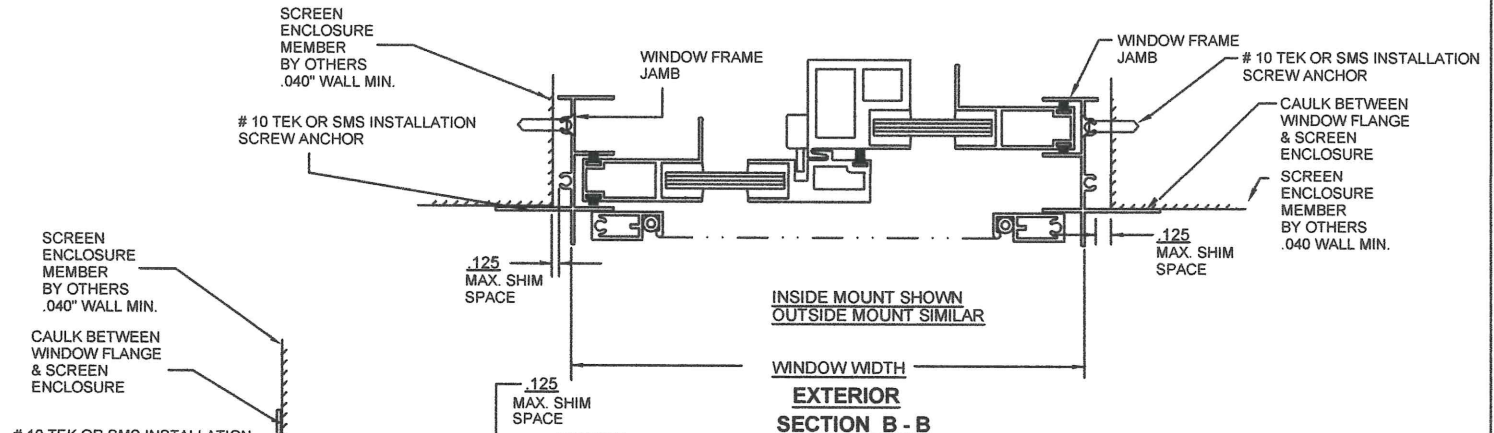
ANCHOR DETAILS

APPLICATION	ANCHOR	EDGE DIST.	MIN. EMBEDMENT	MAX. SHIM SPACE
MASONRY W/1 BY WOOD BUCK	3/16" CONC	2.5"	1.25"	0.25"
MASONRY W/2 BY WOOD BUCK	#10 WOOD	1.5"	1.80"	0.25"
MASONRY	3/16" CONC	2.5"	1.25"	0.25"
METAL	#12 SMS	0.75"	.045" (THICK)	0.25"

NOTE: ANCHOR QUANTITIES ARE NOT TOTAL QUANTITIES BUT QUANTITIES PER SIDE



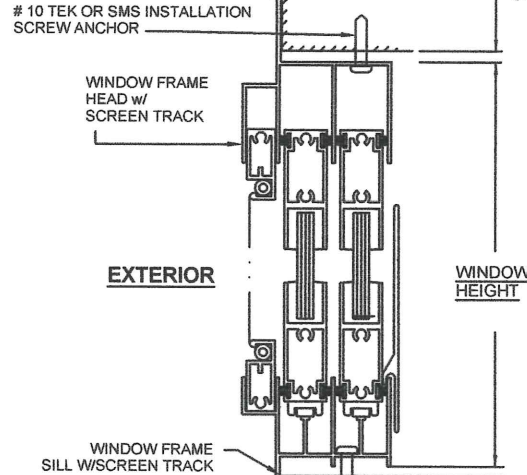
EXTERIOR ELEVATION



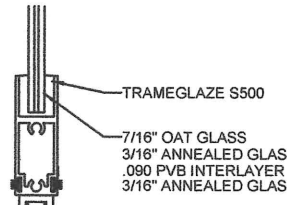
EXTERIOR SECTION B - B

NOTES:

- (1) THIS PRODUCT IS DESIGNED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE.
- (2) WINDOW AND VENT MATERIAL SHALL BE 6063-T5 ALUMINUM.
- (3) SHIM AS REQ'D AT EACH SET OF INSTALLATION ANCHORS USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT.
- (4) INSTALLATION ANCHORS, #10 TEK SCREWS OR SHEET METAL SCREWS, MUST BE SPACED 6" MAX. FROM CORNERS AND SPACED 10-3/16" O.C. MAX.
- (5) CAULK BEHIND FLANGE WITH LATEX CAULK. APPLICATION OF LATEX CAULK MUST COMPLY WITH SEALANT MANUFACTURERS RECOMMENDATIONS.
- (6) AN APPROVED MEMBRANE OR MATERIAL SHALL BE PLACED BETWEEN ALL DISSIMILAR METALS TO CONTROL GALVANIC CORROSION.
- (7) POSITIVE D.P. IS LIMITED BY WATER PRESSURE, NEGATIVE D.P. IS LIMITED BY 1.5 TIMES TESTED D.P.
- (8) IF EXACT WINDOW SIZE IS NOT LISTED IN ANCHOR CHART, USE THE NEXT SIZE LARGER WINDOW FOR ANCHOR QUANTITY.
- (9) GLASS IS TO BE 7/16" OVERALL THICKNESS WITH 3/16" ANNEALED GLASS, .090PBV INTERLAYER, 3/16" ANNEALED GLASS WET GLAZED WITH A BACK BEDDING COMPOUND AND 1/2" GLAZING BITE.
- (10) JAMB / SILL CORNERS AND ALL ANCHORS TO BE SEALED WITH SMALL JOINT SEAM SEALANT.
- (11) ALL INSTALLATION ANCHORS MUST BE MADE OF A CORROSION RESISTANT MATERIAL OR COATING.
- (12) CALCULATIONS DERIVED FROM TESTED UNIT, TEST REPORT CTLA 1294W & CTLA 1294W-1; NAMI# NI005880A.
- (13) MAX. SPACING AT HEAD OR SILL CORNER IS 6".
- (14) MAX. SPACING AT JAMB CORNER IS 6".
- (15) MAX. SPACING ACROSS HEAD OR SILL IS 15".
- (16) MAX. SPACING ACROSS JAMBS IS 17".
- (17) #8 SCREWS CAN BE USED IN SILL. MAX. SPACING IS 12".



SECTION A - A



GLAZING DETAIL

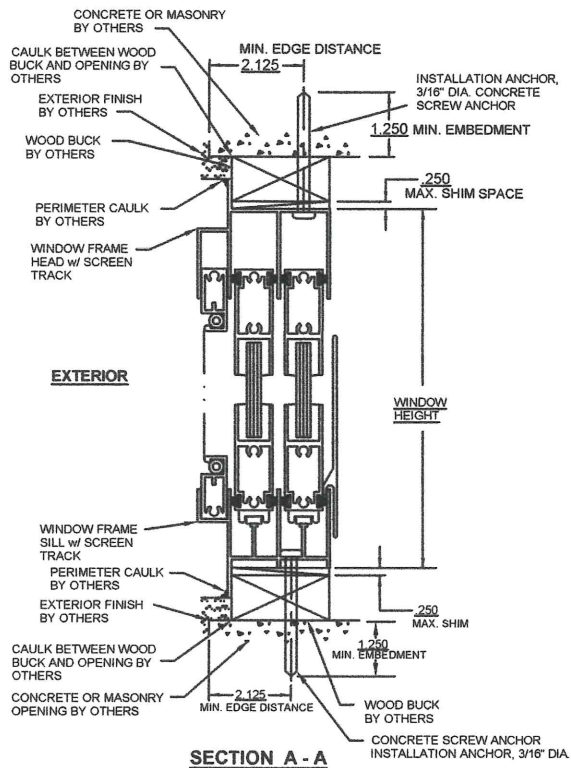
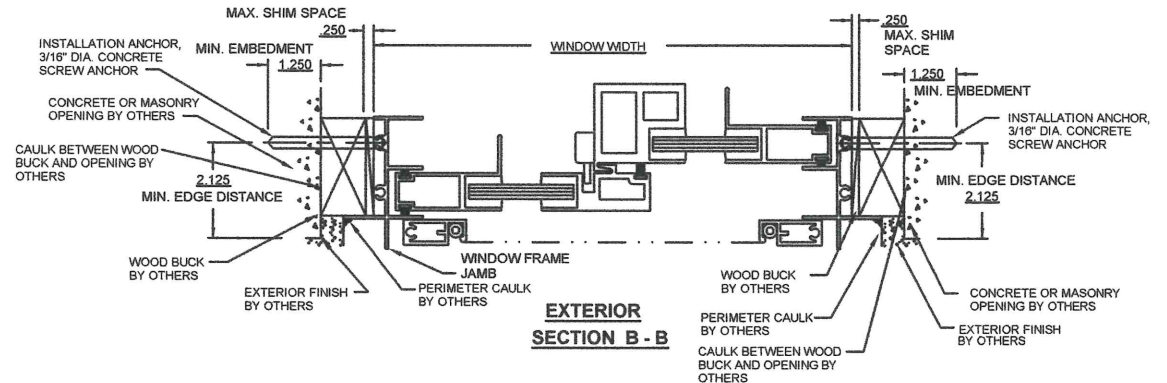
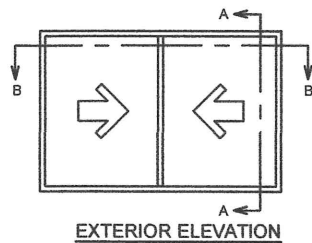


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WINDOW CRAFTSMEN, INC. SARASOTA, FLORIDA

TITLE:
2-TRACK 50I ALUMINUM HORIZONTAL IMPACT SLIDER INSTALLATION DETAILS IN ALUMINUM AND STEEL

ENGINEER: MARK A. SMITH	DRAWN BY: MAS	DATE: 1/18/10
DISCIPLINE: CIVIL	SCALE: N.T.S.	DWG. NO. WCI-HS50I-1
FL. REG. NO.: 55511	REV. LETTER: 0	SHEET 1



NOTES:

- (1) THIS PRODUCT IS DESIGNED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE.
- (2) WINDOW AND VENT MATERIAL SHALL BE 6063-T5 ALUMINUM.
- (3) SHIM AS REQ'D AT EACH SET OF INSTALLATION ANCHORS USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT.
- (4) INSTALLATION ANCHORS, #10 WOOD SCREWS FOR WOOD FRAMING WITH SUFFICIENT LENGTH TO ACHIEVE A MINIMUM EMBEDMENT OF 1 1/2" INTO THE WOOD FRAMING
- (5) USE 3/16" DIAMETER TAPCONS FOR CONCRETE OR MASONRY WITH A SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 1 1/4" EMBEDMENT INTO CONCRETE OR MASONRY AND 2" MIN. EDGE DISTANCE.
- (6) CAULK BEHIND FLANGE WITH LATEX CAULK. APPLICATION OF LATEX CAULK MUST COMPLY WITH SEALANT MANUFACTURERS RECOMMENDATIONS.
- (7) AN APPROVED MEMBRANE OR MATERIAL SHALL BE PLACED BETWEEN ALL DISSIMILAR METALS TO CONTROL GALVANIC CORROSION.
- (8) POSITIVE D.P. IS LIMITED BY WATER PRESSURE, NEGATIVE D.P. IS LIMITED BY 1.5 TIMES TESTED D.P.
- (9) IF EXACT WINDOW SIZE IS NOT LISTED IN ANCHOR CHART, USE THE NEXT SIZE LARGER WINDOW FOR ANCHOR QUANTITY SEE SHEET 1.
- (10) JAMB / SILL CORNERS AND ALL ANCHORS TO BE SEALED WITH SMALL JOINT SEAM SEALANT.
- (11) ALL INSTALLATION ANCHORS MUST BE MADE OF A CORROSION RESISTANT MATERIAL OR COATING.

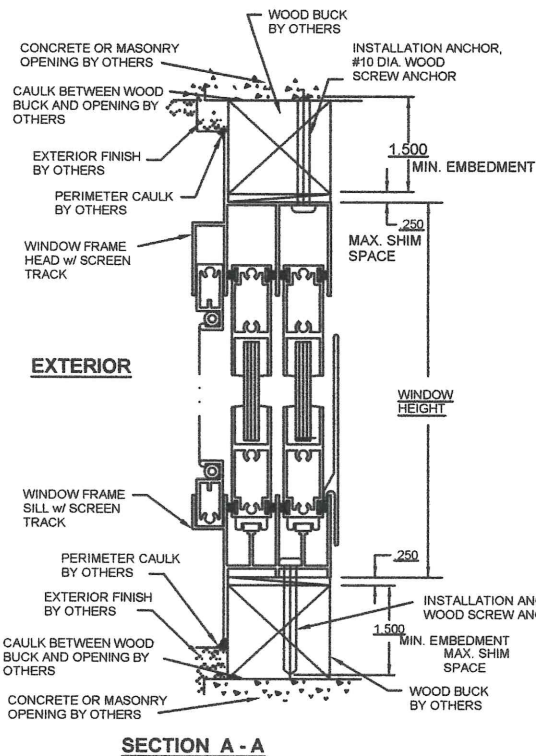
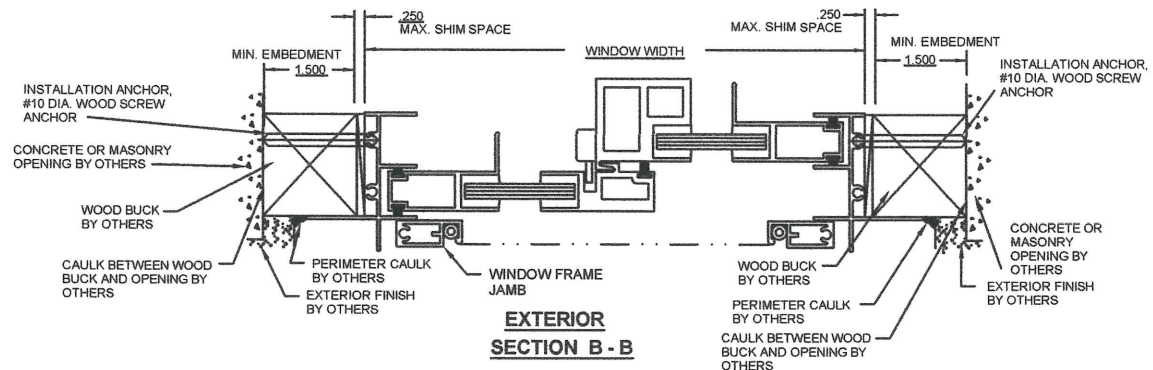
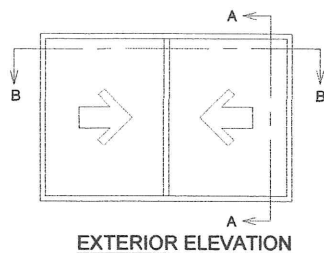


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WINDOW CRAFTSMEN, INC. SARASOTA, FLORIDA

TITLE:
2-TRACK 50 ALUMINUM HORIZONTAL
IMPACT SLIDER INSTALLATION DETAILS
IN 1 X BUCK AND CONCRETE

ENGINEER: MARK A. SMITH	DRAWN BY: MAS	DATE: 1/18/10
DISCIPLINE: CIVIL	SCALE: N.T.S.	DWG. NO. WCI-HS50L-2
FL. REG. NO.: 55511	REV. LETTER: 0	SHEET 2



NOTES:

- (1) THIS PRODUCT IS DESIGNED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE.
- (2) WINDOW AND VENT MATERIAL SHALL BE 6063-T5 ALUMINUM.
- (3) SHIM AS REQ'D AT EACH SET OF INSTALLATION ANCHORS USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT.
- (4) INSTALLATION ANCHORS, #10 WOOD SCREWS FOR WOOD FRAMING WITH SUFFICIENT LENGTH TO ACHIEVE A MINIMUM EMBEDMENT OF 1 1/2" INTO THE WOOD FRAMING
- (5) USE 3/16" DIAMETER TAPCONS FOR CONCRETE OR MASONRY WITH A SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 1 1/4" EMBEDMENT INTO CONCRETE OR MASONRY AND 2" MIN. EDGE DISTANCE.
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- (7) AN APPROVED MEMBRANE OR MATERIAL SHALL BE PLACED BETWEEN ALL DISSIMILAR METALS TO CONTROL GALVANIC CORROSION.
- (8) POSITIVE D.P. IS LIMITED BY WATER PRESSURE, NEGATIVE D.P. IS LIMITED BY 1.5 TIMES TESTED D.P.
- (9) IF EXACT WINDOW SIZE IS NOT LISTED IN ANCHOR CHART, USE THE NEXT SIZE LARGER WINDOW FOR ANCHOR QUANTITY SEE SHEET 1.
- (10) JAMB / SILL CORNERS AND ALL ANCHORS TO BE SEALED WITH SMALL JOINT SEAM SEALANT.
- (11) ALL INSTALLATION ANCHORS MUST BE MADE OF A CORROSION RESISTANT MATERIAL OR COATING.

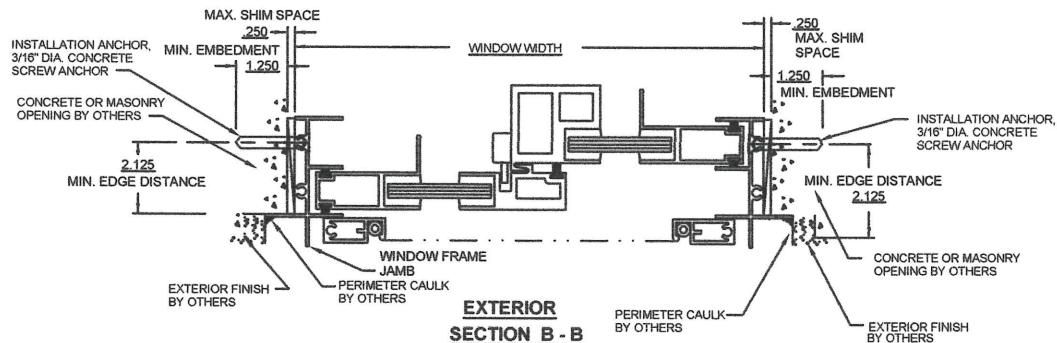
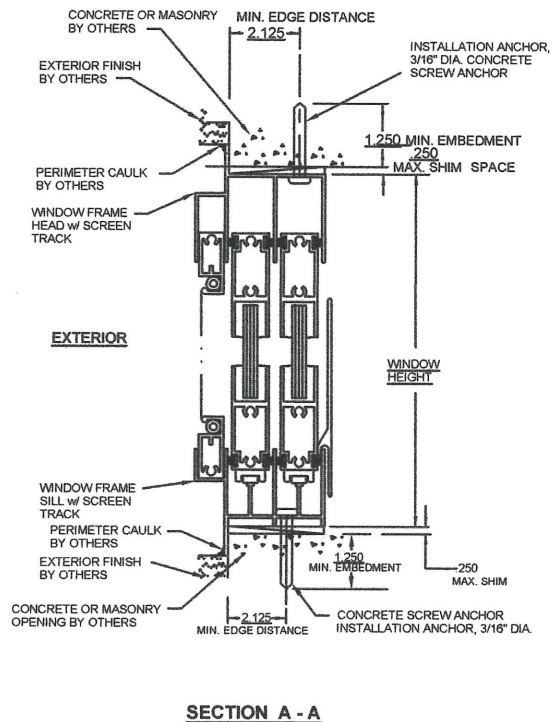
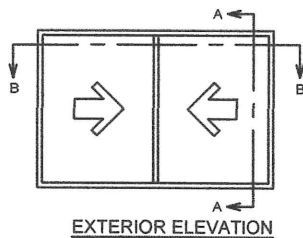


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WINDOW CRAFTSMEN, INC. SARASOTA, FLORIDA

TITLE:
**2-TRACK 50 ALUMINUM HORIZONTAL
IMPACT SLIDER INSTALLATION DETAILS
IN 2 X WOOD BUCK**

ENGINEER: MARK A. SMITH	DRAWN BY: MAS	DATE: 1/18/10
DISCIPLINE: CIVIL	SCALE: N.T.S.	DWG. NO. WCI-HS50I-3
FL. REG. NO.: 55511	REV. LETTER: 0	SHEET 3



NOTES:

- (1) THIS PRODUCT IS DESIGNED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE.
- (2) WINDOW AND VENT MATERIAL SHALL BE 6063-T5 ALUMINUM.
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- (5) USE 3/16" DIAMETER TAPCONS FOR CONCRETE OR MASONRY WITH A SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 1 1/4" EMBEDMENT INTO CONCRETE OR MASONRY AND 2" MIN. EDGE DISTANCE.
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- (10) JAMB / SILL CORNERS AND ALL ANCHORS TO BE SEALED WITH SMALL JOINT SEAM SEALANT.
- (11) ALL INSTALLATION ANCHORS MUST BE MADE OF A CORROSION RESISTANT MATERIAL OR COATING.



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WINDOW CRAFTSMEN, INC. SARASOTA, FLORIDA

TITLE:
**2-TRACK 50 ALUMINUM HORIZONTAL
IMPACT SLIDER INSTALLATION DETAILS
IN CONCRETE**

ENGINEER: MARK A. SMITH	DRAWN BY: MAS	DATE: 1/18/10
DISCIPLINE: CIVIL	SCALE: N.T.S.	DWG. NO. WCI-HS50I-2
FL. REG. NO.: 55511	REV. LETTER: 0	SHEET 4

PREPARED BY MARK A. SMITH, P.E. 3738 KINGSWOOD DR., SARASOTA, FL. 34232 PH 941-993-9620