

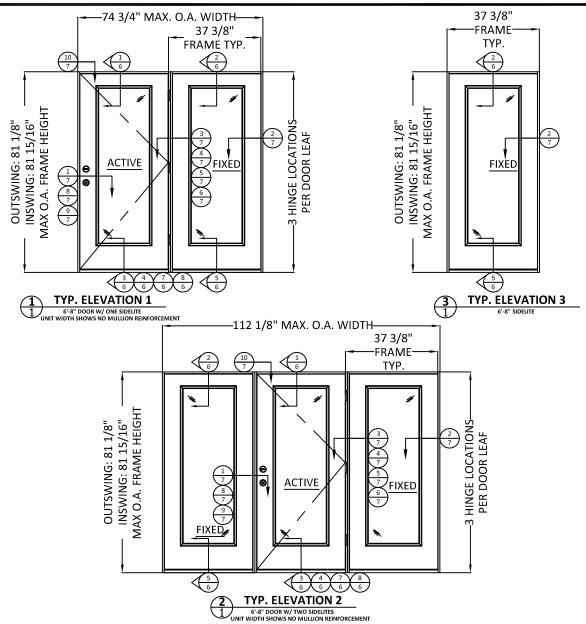
DESIGN PRO / SMOOTH PRO FULL LITE NON-IMPACT

FOR USE IN THE HIGH VELOCITY HURRICANE ZONE (HVHZ)

GENERAL NOTES:

- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), INCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 202-94
- 2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY OR 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- 3. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
- APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- 5. GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 4 FOR GLAZING DETAILS.
- 6. FULL LITE APPROVAL COVERS USE OF FRACTIONAL GLAZING, INCLUDING INTERNAL GRID, BLINDS BETWEEN GLASS, DECORATIVE AND EXTERNAL AND INTERNAL WROUGHT IRON. RADIUS (SHAPED) LITES ARE QUALIFIED FOR 6'-8" DOORS AT +50/-55 DP ONLY.
- 7. NOTE: OPERATING AFCO H-497 SILL MEETS WATER INFILTRATION AT WATER TEST PRESSURE (WTP) OF 9.75 PSF. FIXED SIDELITE MEETS WATER INFILTRATION AT WTP OF 7.5 PSF. REMAINING SILLS NOT RATED FOR WATER INFILTRATION. IF AUTHORITY HAVING JURISDICTION REQUIRES THAT PRODUCT MEETS THIS REQUIREMENT, PRODUCT SHALL BE USED WHEN INSTALLED AT LOCATION PROTECTED BY OVERHANG SUCH THAT OVERHANG (OH) RATIO = OH LENGTH ÷ OH HEIGHT IS ≥ 1.0

	TABLE OF CONTENTS					
SHEET	REVISION SHEET DESCRIPTION					
1	А	TYPICAL ELEVATIONS, DESIGN PRESSURES, AND GENERAL NOTES				
2	А	TYPICAL ELEVATIONS				
3	А	TYPICAL ANCHOR LAYOUTS AND NOTES				
4	А	QUALIFIED CONFIGURATIONS & GLAZING DETAIL				
5	-	OPTIONAL 2X BUCK ANCHORING DETAILS				
6	А	VERTICAL ASSEMBLIES				
7	А	HORIZONTAL ASSEMBLIES				
8	А	WOOD SUBSTRATES				
9	А	CONCRETE SUBSTRATES				
10	А	COMPONENTS & BILL OF MATERIALS				



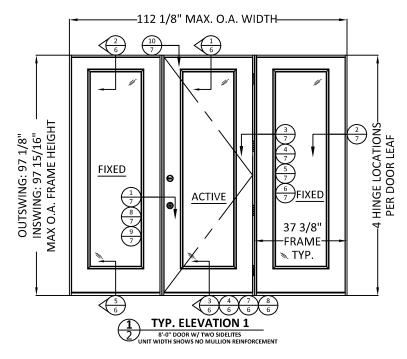
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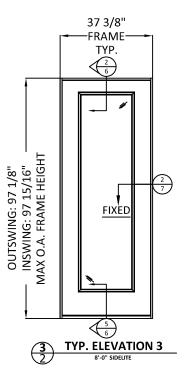
- 1. ALL DOORS SHOWN IN CONFIGURATIONS ON THIS SHEET MAY BE LEFT HAND OR RIGHT HAND OPERATING DOORS.
- 2. SIDELITE MAY BE USED IN LIEU OF DOOR IN CONFIGURATIONS SHOWN ABOVE AS LONG AS O.A. DIMENSIONS ARE NOT SURPASSED.

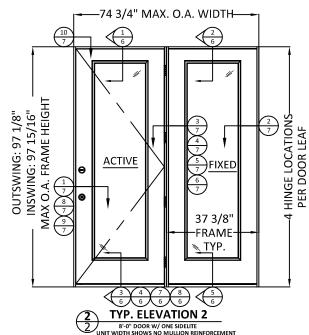
	MAX. OVERALL NOMINAL SIZE		DESIGN PRESSURE (PSF)								
CONFIGURATION			FINGER-JOINTED PINE				ALL OTHER MATERIALS				MISSILE
	WIDTH	HEIGHT	INSWING		OUTSWING		INSWING		OUTSWING		RATING
	WIDIN		POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	
0	3'-0"	6'-8"	50*	55	50*	55	50*	50	50*	50	NON-IMPACT
O,X,O	9'-0"	6'-8"	50*	55	50*	55	50*	50	50*	50	NON-IMPACT
O,X,O VENT LITE	9'-0"	6'-8"	50*	55	50*	55	50*	50	50*	50	NON-IMPACT
O,X,O RADIUS	9'-0"	6'-8"	50*	55	50*	55	50*	50	50*	50	NON-IMPACT
0	3'-0"	8'-0"	45*	45	45*	45	45*	45	45*	45	NON-IMPACT
O,X,O	9'-0"	8'-0"	45*	45	45*	45	45*	45	45*	45	NON-IMPACT
X,O	6'-0"	6'-8"	50*	55	50*	55	50*	50	50*	50	NON-IMPACT
X,O VENT LITE	6'-0"	6'-8"	50*	55	50*	55	50*	50	50*	50	NON-IMPACT
X,O RADIUS	6'-0"	6'-8"	50*	50	50*	50	50*	50	50*	50	NON-IMPACT
X,O	6'-0"	8'-0"	45*	45	45*	45	45*	45	45*	45	NON-IMPACT

*SEE GENERAL NOTE 7, SHEET 1, FOR WATER INFILTRATION APPROVED SILLS.

PREPARED BY BUILDING DROPS, INC. 398 E. DANIA BEACH BLVD., STE. 338 DANIA BEACH, FL 33004 FAX: (954)744.4738 WEB: www.buildingdrops.com DESIGN PRO/SMOOTH PRO FULL LITE NON-IMPACT TYPICAL ELEVATIONS, DESIGN PRESSURES, AND GENERAL NOTES ELL WIND REMARKS BY DATE Add Vent Lite Option 5/5/1 Add ADA, Multi-Point GL 6/19/14 & Fixed Sidelite Reference DWG. #A010866B | AM | 09/11/3 ITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIA ROM THE REQUIREMENTS DETAILED HEREIN, A LICENSE ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT. 02.05.14 CHK. BY: SS/MSS NTS SCALE: DWG. #: D015712 SHEET: OF 10







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398 E. DANIA BEACH BLVD., STE. 338 DANIA BEACH, FL 33004 PH: (954)399-8478 FAX: (954)744.4738 WEB: www.buildingdrops.com

DESIGN PRO/SMOOTH PRO FULL LITE NON-IMPACT TYPICAL ELEVATIONS

3737 LAKEPORT BLVD., KLAMATH FALLS, OR 97601 PH: (541)882-3451 FAX: (541)850-2609

JELD WEN,

REMARKS BY DATE Add Vent Lite Option GL 5/5/14 Add ADA, Multi-Point GL 6/19/14 & Fixed Sidelite

Reference DWG. #A010866B | AM | 09/11/1 THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GEN AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECI SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIAT FROM THE REQUIREMENTS DETAILED HEREIN. A LICENSEI



02.05.14 DATE: CHK. BY: SS/MSS

GL/TJM

NTS SCALE: DWG. #: D015712

SHEET:

OF 10

INSTALLATION NOTES:

- 1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN
- 2. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING, AND SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
- FOR 2X STUD CONSTRUCTION, ANCHORING OF THESE PRODUCTS SHALL BE THE SAME AS FOR 2X BUCK CONCRETE/MASONRY CONSTRUCTION.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE **FOLLOWING PROPERTIES:**
 - A. WOOD MINIMUM SPECIFIC GRAVITY OF 0.55.

DETAIL B3 TYP. HOPPE

MULTI-POINT SHOOT BOLT

PLATE LOCATION

- B. CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
- C. GROUT-FILLED CMU- UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI AND GROUT CONFORMS TO ASTM C 476, MINIMUM GROUT COMPRESSIVE STRENGTH OF 2000
- D. HOLLOW BLOCK CMU UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.
- SEE SHEETS 8 AND 9 FOR MORE DETAILS OF THE INSTALLATION REQUIREMENTS, INCLUDING ANCHOR LOCATIONS, EDGE DISTANCES, EMBEDMENTS, AND SHIM SPACING.
- OPTIONALLY, ANCHORS CAN BE PLACED IN NARROW SECTION OF HEAD OR JAMB AS LONG AS MINIMUM EMBEDMENT AND EDGE DISTANCE ARE ACHIEVED.

1- BOTTOM SHOOT **BOLT PLATE**

HOPPE #2098911

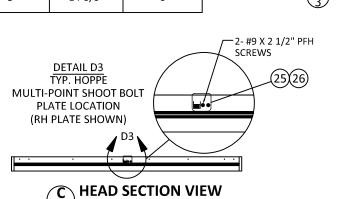
PFH SCREWS

-2- #9 X 2 1/2" PFH

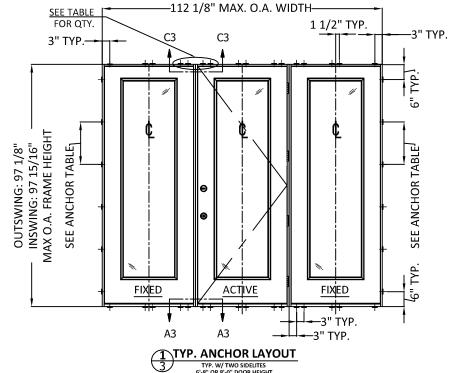
ANCHOR TABLE									
					6'8" DOORS		8'0" DOORS		
ANCHOR TYPE	ANCHOR SIZE	SUBSTRATE	MIN. EMBEDMENT	MIN. EDGE DISTANCE	MAX. O.C. SPACING AT JAMBS	# OF ANCHORS AT HEAD/SILL CLUSTERS	MAX. O.C. SPACING AT JAMBS	# OF ANCHORS AT HEAD/SILL CLUSTERS	
WOOD SCREW	#10	2X WOOD BUCK OR FRAMING	1-1/2"	3/4"	17-1/2"	4	17-1/4"	4	
ITW TAPCON	3/16"	CONCRETE/CMU	1-1/4"	2-1/2"	17-1/2"	4	17-1/4"	4	
ELCO ULTRACON	1/4"	CONCRETE/CMU	1-3/8" - CONC. 1-1/4" - CMU	1"	17-1/2"	4	17-1/4"	4	
ITW TAPCON	3/16"	CONCRETE/CMU	1-1/4"	1"	11-5/8"	8	14-3/8"	6	

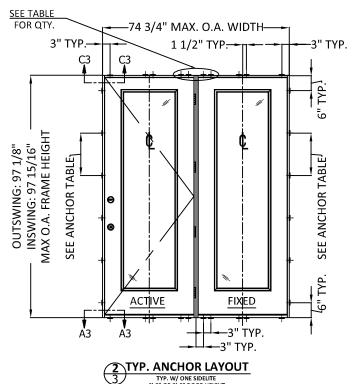
SILL SECTION VIEW

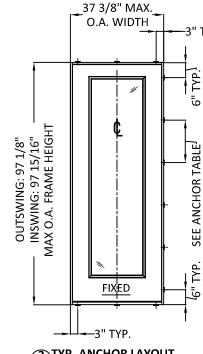
INSWING SHOWN OUTSWING SIMILAR



INSWING SHOWN OUTSWING SIMILAR







3 TYP. ANCHOR LAYOUT TYP. FIXED SIDELITE 6'-8" OR 8'-0" DOOR HEIGHT

NOTES:

TYP. W/ ONE SIDELITE 6'-8" OR 8'-0" DOOR HEIGHT

- ALL DOORS SHOWN IN CONFIGURATIONS ON THIS SHEET MAY BE LEFT HAND OR RIGHT HAND OPERATING DOORS.
- SIDELITE MAY BE USED IN LIEU OF DOOR IN CONFIGURATIONS SHOWN ABOVE AS LONG AS O.A. DIMENSIONS ARE NOT SURPASSED.

NOTES DESIGN PRO/SMOOTH PRO FULL LITE NON-IMPACT LAYOUTS AND ANCHOR

LYPICAL

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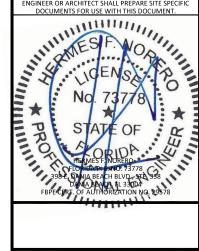
WEB: www.buildingdrops.con

Y N

3737 LAKEPORT BLVD., KLAMATH FALLS, OR 97601 PH: (541)882-3451 FAX: (541)850-2609

BY DATE REMARKS 5/5/14 Add Vent Lite Option 6/19/14 Add ADA, Multi-Point & Fixed Sidelite Reference DWG. #A010866B | AM | 09/11/1

HE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENER IND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECI SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIA FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSEI ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.

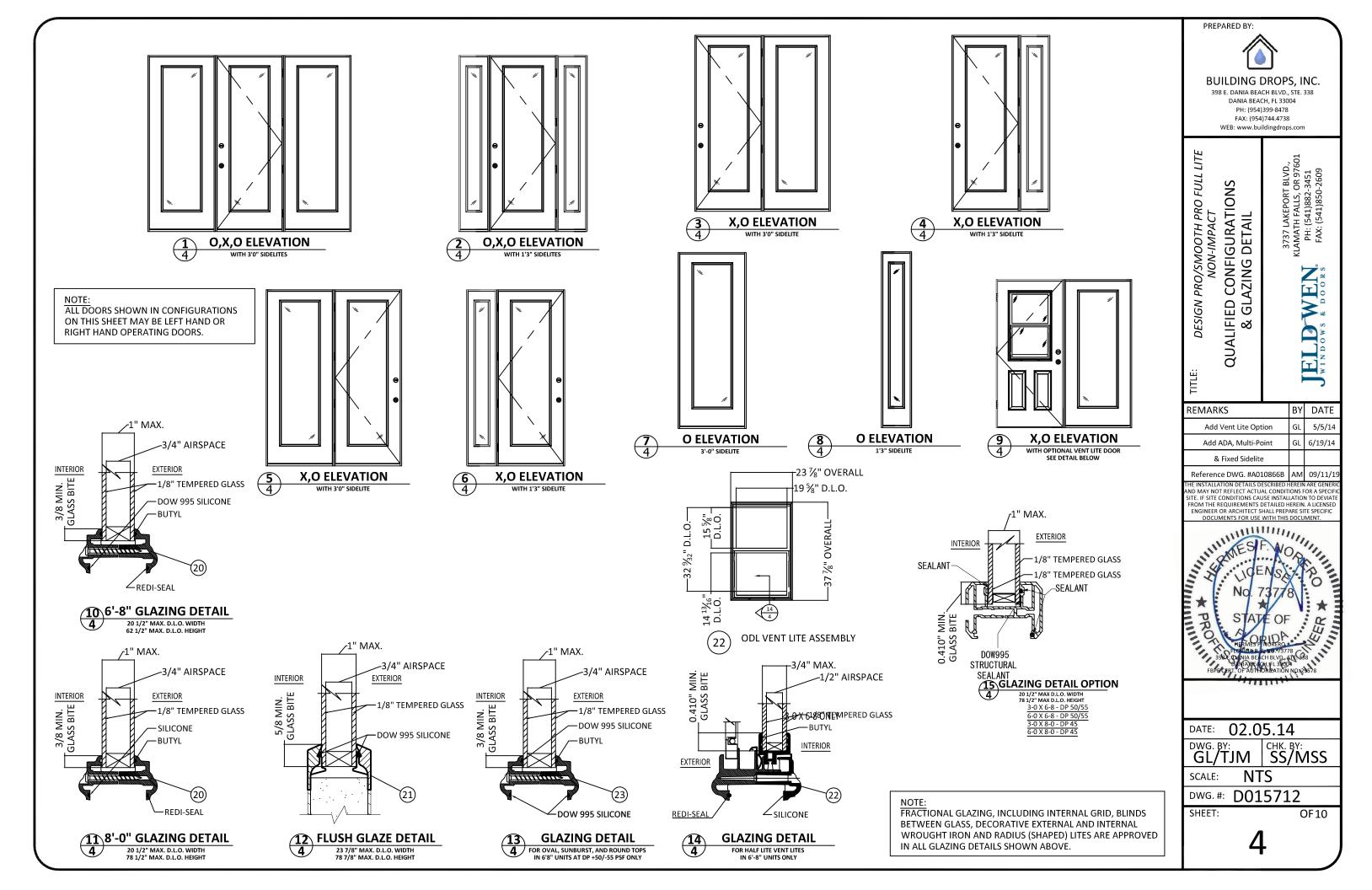


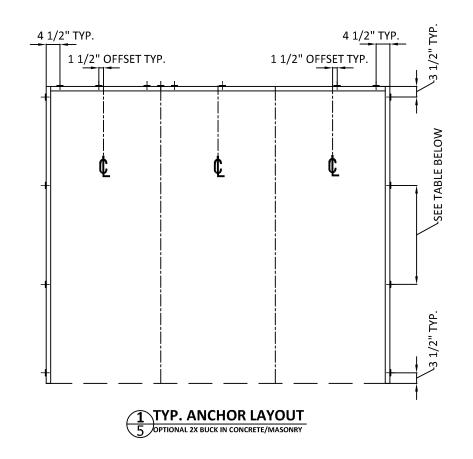
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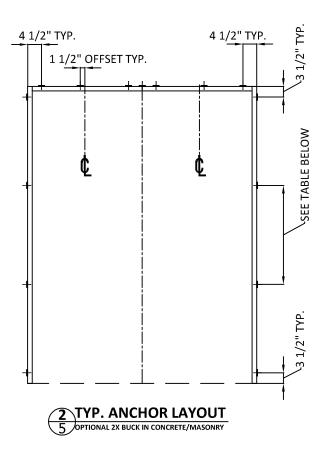
CHK. BY: SS/MSS GL/TJM

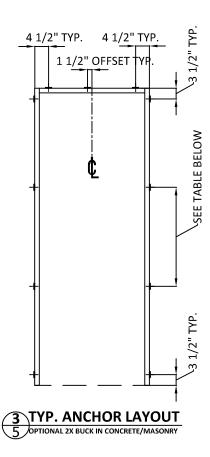
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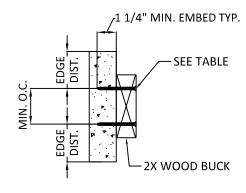
D015712 DWG. #: SHEET: OF 10

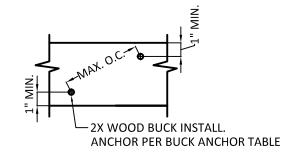


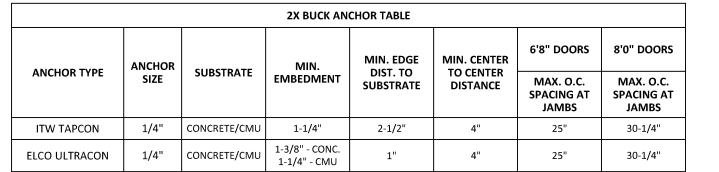
















NOTES:

- 1. 2X BUCK IS NOT FOR INSTALLATION AT SILL. THRESHOLD SHALL BE FASTENED IN ACCORDANCE WITH ANCHOR LOCATIONS SHOWN ON SHEET 3.
- 2. ANCHORS MAY BE STAGGERED AS SHOWN IN DETAIL 5/5.

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398 E. DANIA BEACH BLVD., STE. 338 DANIA BEACH, FL 33004 PH: (954)399-8478 FAX: (954)744.4738 WEB: www.buildingdrops.com

DESIGN PRO/SMOOTH PRO FULL LITE NON-IMPACT OPTIONAL 2X BUCK ANCHORING DETAILS

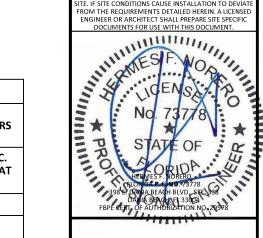
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WEN HELD WINDOWS

JILE:

Τ			
REMARKS		ВҮ	DATE
Add Vent Lite Option	on	GL	5/5/14
Add ADA, Multi-Poi	nt	GL	6/19/14
& Fixed Sidelite			

Reference DWG. #A010866B | AM | 09/11/1 THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERI AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIF SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATI FROM THE REQUIREMENTS DETAILED HEREIN. A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



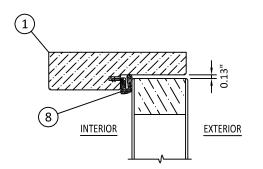
02.05.14 CHK. BY: SS/MSS DWG. BY: GL/TJM

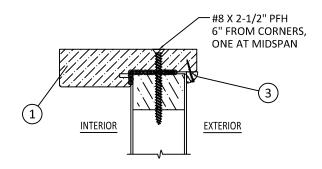
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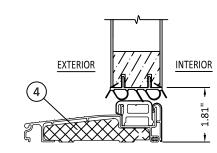
SHEET:

DWG. #: D015712

OF 10



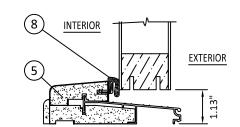




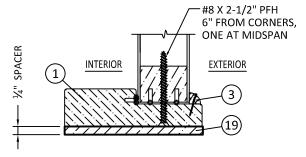




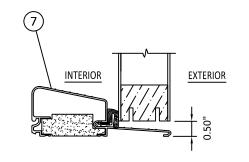




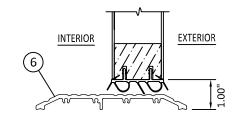




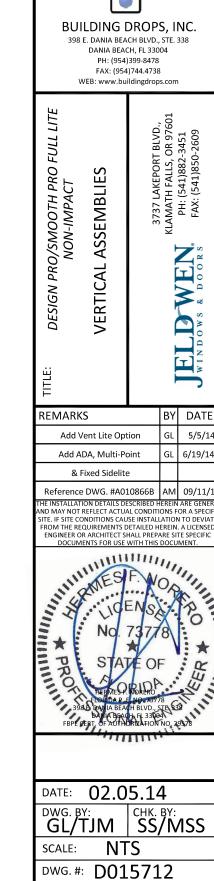












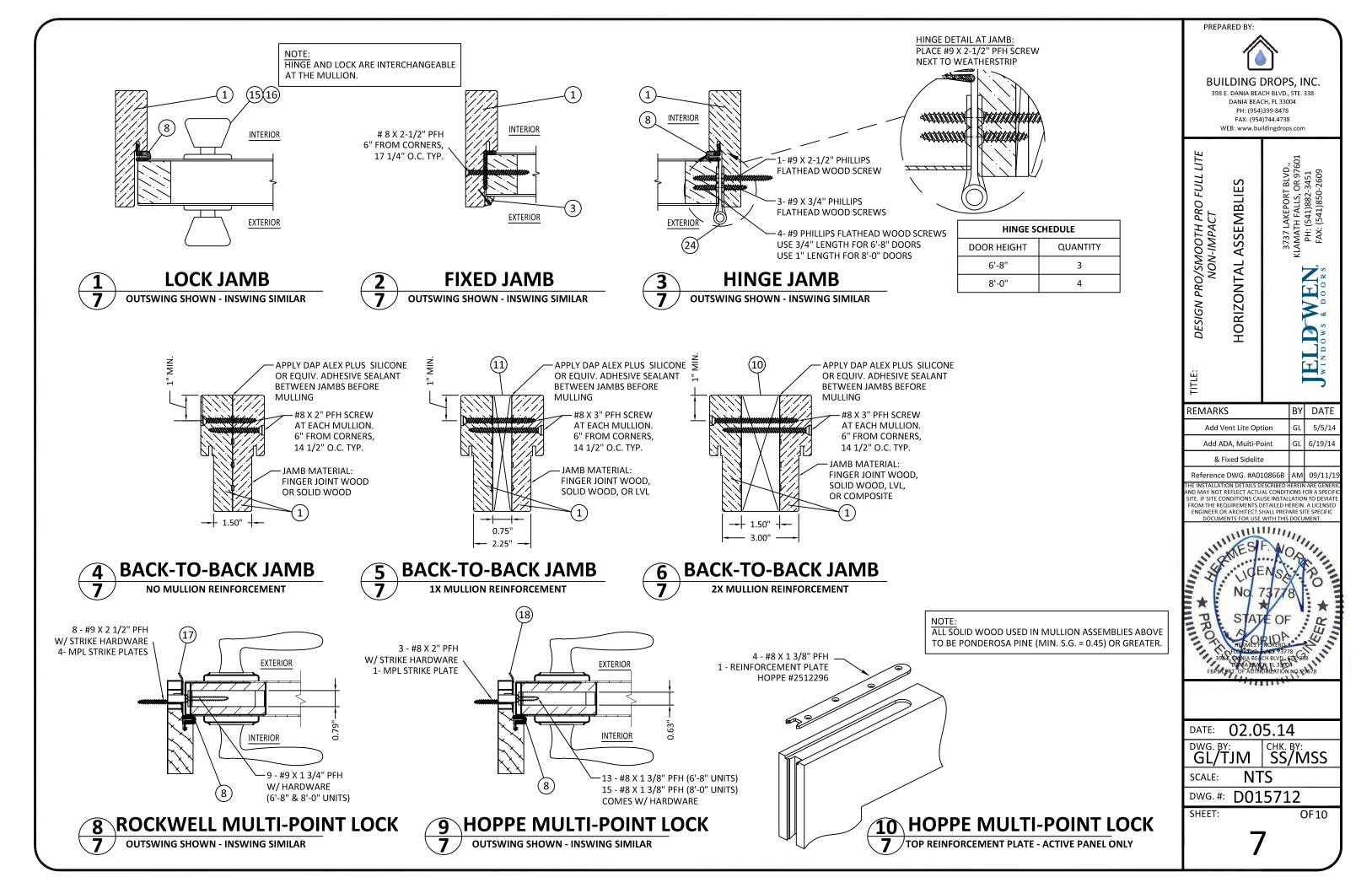
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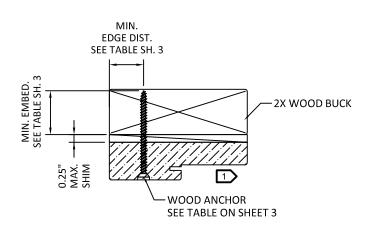
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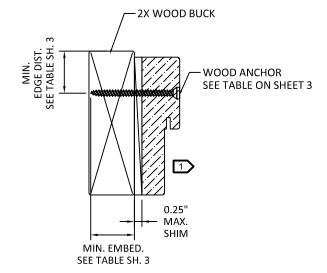
5/5/14

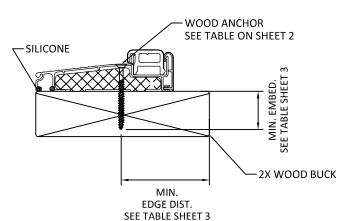
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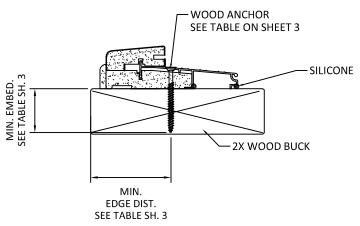


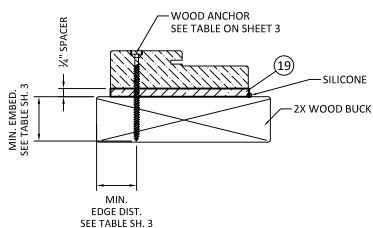


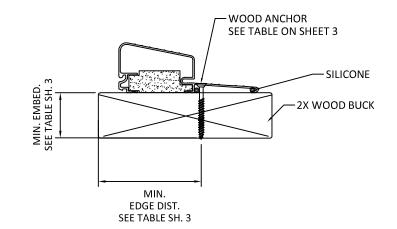
JAMB (TYPICAL)

8 OUTSWING SHOWN - INSWING SIMILAR

3 OPERABLE SILL INSWING







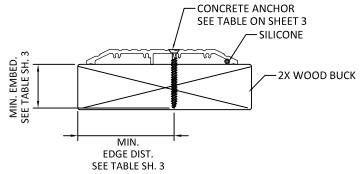


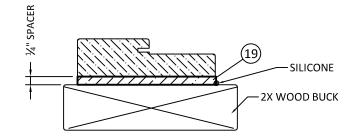
5 SIDELITE SILL (MULLED UNIT)
8 OUTSWING SHOWN - INSWING SIMILAR

7 OPERABLE SILL

HIGH BUMP OUTSWING

AFCO H-497



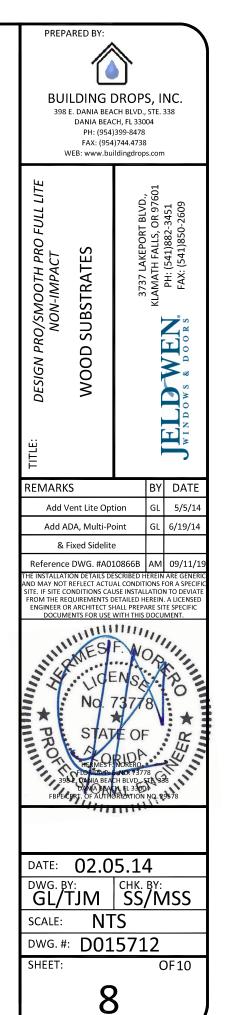


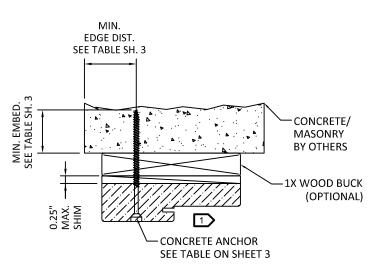


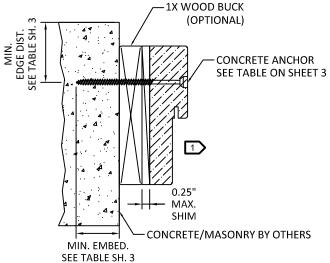
9 SIDELITE SILL (STAND-ALONE)

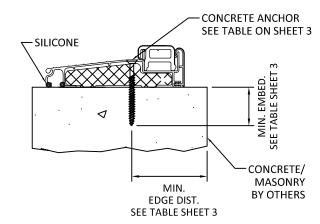
8 OUTSWING SHOWN - INSWING SIMILAR
NO ANCOR REQUIRED

OPTIONALLY, ANCHOR CAN BE PLACED IN NARROW SECTION OF HEAD OR JAMB AS LONG AS MINIMUM EMBEDMENT AND EDGE DISTANCE ARE ACHIEVED.





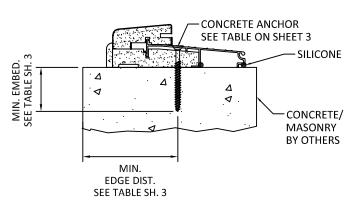


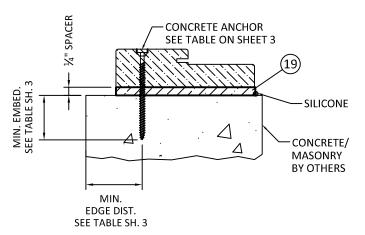


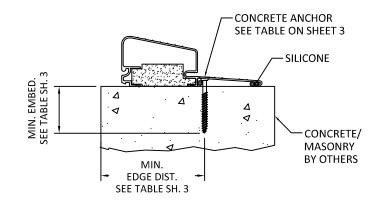
HEAD (TYPICAL) OUTSWING SHOWN - INSWING SIMILAR

JAMB (TYPICAL) **OUTSWING SHOWN - INSWING SIMILAR**





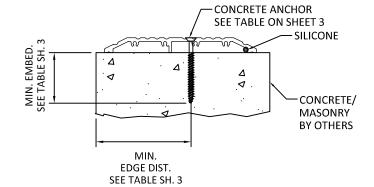






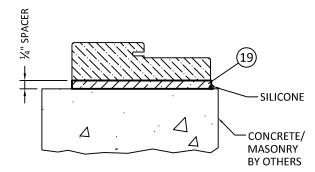






OPERABLE SILL

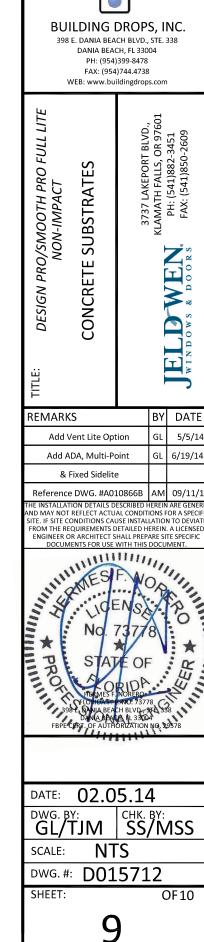
OUTSWING/INSWING





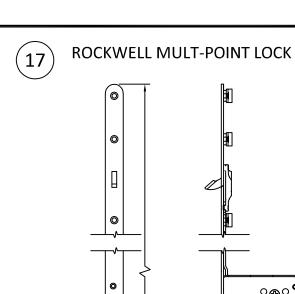
SIDELITE SILL (STAND-ALONE) NO ANCOR REQUIRED

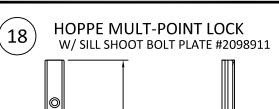
1 OPTIONALLY, ANCHOR CAN BE PLACED IN NARROW SECTION OF HEAD OR JAMB AS LONG AS MINIMUM EMBEDMENT AND EDGE DISTANCE ARE ACHIEVED.

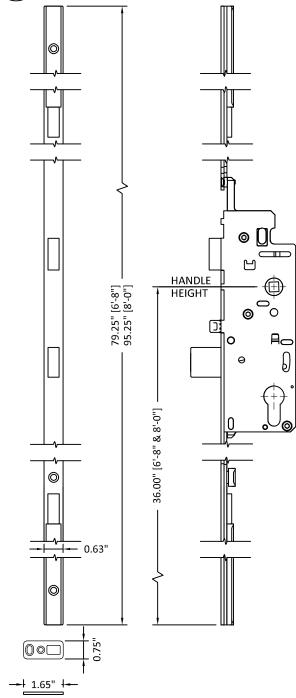


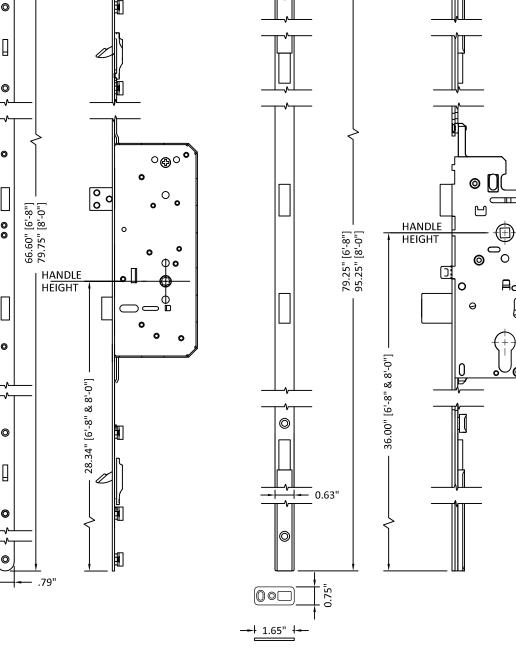
PREPARED BY:

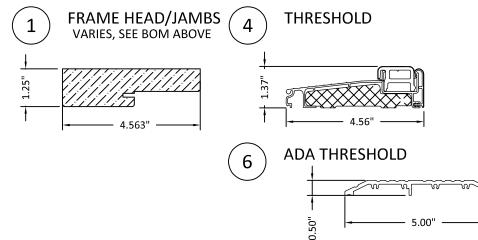
	BILL OF MATERIALS			
ITEM#	DESCRIPTION	MATERIAL		
		FINGER-JOINTED PINE		
1		SOLID PINE		
	FRAME HEAD/JAMBS	LAMINATED VENEER LUMBER		
		COMPOSITE		
2	(NOT USED)	-		
3	SIDELITE STOP	WOOD OR PVC		
4	THRESHOLD	-		
5	THRESHOLD	-		
6	ADA THRESHOLD	-		
7	AFCO H-497 THRESHOLD	-		
8	WEATHERSTRIP	URETHANE FOAM & POLYETHYLENE		
9	NON-COMPRESSION SHIM (0.25" MAX. THK.)	COMPOSITE		
10	2X WOOD (S.G. MUST BE 0.55 OR GREATER)	WOOD		
11	1X WOOD (S.G. MUST BE 0.55 OR GREATER)	WOOD		
12	#10 WOOD INSTALLATION SCREW W/ 1 1/2" MIN. EMBEDMENT	STEEL		
13	CONC./CMU ANCHOR (SEE ANCHOR TABLE SHEETS 3 & 5)	STEEL		
14	(NOT USED)	-		
15	LOCK SERIES 400	STEEL		
16	DEADBOLT SERIES 780	STEEL		
17	ROCKWELL MULTI-POINT TONGUE LATCH # 73228768 6-8 UNIT ROCKWELL MULTI-POINT TONGUE LATCH #73228780 8-0 UNIT	STEEL		
18	HOPPE MULI-POINT HARDWARE HLS9000 SINGLE SWING (X)	STEEL		
19	PRESSURE TREATED SILL SPACER USED FOR FIXED PANEL	WOOD		
20	ODL LITE KIT (LMI)	HP POLYPRO. / PC ABS		
21	FLUSH GLAZING LEG	FIBERGLASS		
22	ODL LIPLITE KIT (VENT LITES)	HP POLYPROPYLENE		
23	ODL LIPLITE KIT (RADIUS LITES)	HP POLYPRO. / PC ABS		
24	BUTT HINGE (SEE SCHEDULE SHEET 7)	STEEL		
25	HOPPE MULI-POINT HEAD SHOOT BOLT PLATE LH #8784091	STEEL		
26	HOPPE MULI-POINT HEAD SHOOT BOLT PLATE RH #8783923	STEEL		
27	PU DOOR CORE			

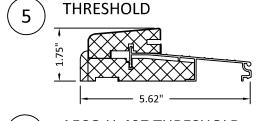


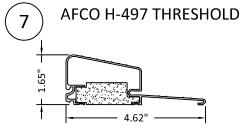




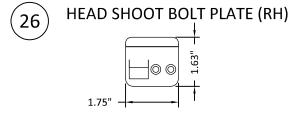








HEAD SHOOT BOLT PLATE (LH) (25)





PREPARED BY:

AND BILL OF MATERIALS

COMPONENTS

Add Vent Lite Option

Add ADA, Multi-Point

& Fixed Sidelite

Reference DWG. #A010866B | AM | 09/11/1 THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENER AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIF SITE, JE SITE CONDITIONS CAUSE INSTALLATION TO DEVIA

DESIGN PRO/SMOOTH PRO FULL LITE NON-IMPACT

REMARKS

BUILDING DROPS, INC. 398 E. DANIA BEACH BLVD., STE. 338 DANIA BEACH, FL 33004 PH: (954)399-8478 FAX: (954)744.4738 WEB: www.buildingdrops.com

3737 LAKEPORT BLVD., KLAMATH FALLS, OR 97601 PH: (541)882-3451 FAX: (541)850-2609

JELD WEN,

BY DATE GL 5/5/14

GL 6/19/14

02.05.14 DATE: CHK. BY: SS/MSS GL/TJM NTS SCALE: DWG. #: D015712

SHEET: OF 10