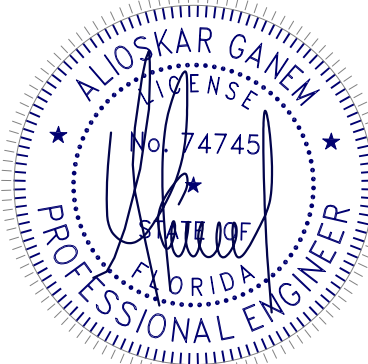


KEY PLAN

Alioskar
Ganem
Osorio

Digitally signed by
Alioskar Ganem
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Date: 2024.06.14
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CONSULTING ENGINEER

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NOTES/COMMENTS

REVISIONS / SUBMISSIONS

DRAWN BY: AG
CHECKED BY: AG
INITIAL DRAWING
RELEASE DATE: ISSUE DATE

<p>NOTE: STUDS IN NON-BEARING PARTITIONS SUPPORTING WALL HUNG PLUMBING FIXTURES & WALL CABINETS SHALL BE METAL STUD 2 1/2 GA @ 24" O.C.</p>	<p>BACKING FOR WALL-HUNG FIXTURES NOTES WHERE WALL-HUNG FIXTURES ARE PROVIDED, 2x4 BRACING BETWEEN STUDS, AT POINT OF ATTACHMENT OF FIXTURE WALL, BE PROVIDED TO WITHSTAND 200 LBS FORCE APPLIED IN ALL DIRECTIONS (OR SUPPORTS BE PROVIDED AS PER FIXTURE MANUFACTURER'S REQUIREMENT)</p>	<p>NOTE: LENGTH OF BACKING TO EXCEED LENGTH OF EQUIPMENT BY ONE STUD AT EACH SIDE (MIN. 3 STUDS)</p>	<p>LEGEND</p>	<p>System Performance 2 HR Fire UL Design No. UM11 (MEA 81-98A) 48 STC Sound</p> <p>System Description Steel Stud Partition (Non-load-bearing)</p> <ul style="list-style-type: none">5/8" SHEETROCK Board FIRE CODE C Core Gypsum Panels3-5/8" 25 gauge steel stud 24" o.c.5/8" SHEETROCK Board FIRE CODE C Core Gypsum PanelsFace layer joints finished
<p>01 A METAL STUD INTERIOR PARTITION, TYPE A NTS</p>	<p>02 B EXTERIOR WALL NTS</p>	<p>03 C INTERIOR PARTITION NTS</p>	<p>04 EXIST./NEW BATHROOM PARTITION NTS</p>	<p>05 TYP 2 HR- FIRE RATED - UL U411 NTS</p>
	<p>TOP-BOTTOM PLATE SPLICE DETAIL MECHANICALLY FASTENED</p>	<p>06 D TYP CONTAINER STEEL WALL STRUCTURE NTS</p>	<p>07 WOOD DOOR HEAD DETAIL NTS</p> <p>GENERAL NOTES:</p> <ol style="list-style-type: none">PROVIDE WOOD BACKING FOR WALL CABINETS. PROVIDE A MINIMUM 2x4" HORIZONTAL WOOD MEMBER SECURELY FASTENED TO NOT LESS THAN (2) SUCH STUDS. SHALL BE INSTALLED FOR THE ATTACHMENT OF ALL WALL HUNG WALL CABINETS.PROVIDE WOOD BACKING FOR PLUMBING FIXTURES. PROVIDE A MINIMUM 2x4" HORIZONTAL WOOD MEMBER SECURELY FASTENED TO NOT LESS THAN (2) SUCH STUDS. SHALL BE INSTALLED FOR THE ATTACHMENT OF EACH WALL HUNG PLUMBING FIXTURES. PROVIDE DOUBLE 20 MSG GALV. STEEL STUDS IN WALLS TO SUPPORT ALL WALL HUNG PLUMBING FIXTURES. AS PER IF B.C. 2007 SECTION 2517.5.1.1, TYPICAL.PROVIDE WOOD BACKING FOR ALL CLOSETS. PROVIDE A MINIMUM 2x4" HORIZONTAL WOOD MEMBER SECURELY FASTENED TO NOT LESS THAN (2) SUCH STUDS. SHALL BE INSTALLED FOR THE ATTACHMENT OF EACH WALL HUNG PLUMBING FIXTURE AND WALL CABINETS.	<p>08 FLOOR DETAIL NTS</p>
<p>08 STUD CONNECTION DETAIL DETAIL NTS</p> <p>SECTION 302.3 WALL AND CEILING FINISHES</p> <p>R302.9 FLAME SPREAD INDEX AND SMOKE-DEVELOPED INDEX FOR WALL AND CEILING FINISHES. FLAME SPREAD AND SMOKE INDEX FOR WALL AND CEILING FINISHES SHALL BE IN ACCORDANCE WITH SECTIONS R302.9.1 THROUGH R302.9.4. R302.9.1 FLAME SPREAD INDEX. WALL AND CEILING FINISHES SHALL HAVE A FLAME SPREAD INDEX OF NOT GREATER THAN 200 EXCEPT: FLAME SPREAD INDEX REQUIREMENTS FOR FINISHES SHALL NOT APPLY TO TRIM DEFINED AS PICTURE MOLDINGS, CHAIR RAILS, BASEBOARDS, AND HANDRAILS, TO DOORS AND WINDOWS OR THEIR FRAMES, OR TO MATERIALS THAT ARE LESS THAN 1/8" (3.18 MM) IN THICKNESS CEMENTED TO THE SURFACE OF WALLS OR CEILINGS IF THESE MATERIALS EXHIBIT FLAME SPREAD INDEX VALUES NO GREATER THAN THOSE OF PAPER OF THIS THICKNESS CEMENTED TO A NONCOMBUSTIBLE BACKING. R302.9.2 SMOKE-DEVELOPED INDEX. WALL AND CEILING FINISHES SHALL HAVE A SMOKE-DEVELOPED INDEX OF NOT GREATER THAN 450. R302.9.3 TESTING. TESTS SHALL BE MADE IN ACCORDANCE WITH ASTM E 84 OR UL 723.</p> <p>SECTION 302.10 FLAME SPREAD FOR INSULATION</p> <p>R302.10 FLAME SPREAD INDEX AND SMOKE-DEVELOPED INDEX FOR INSULATION. FLAME SPREAD AND SMOKE-DEVELOPED INDEX FOR INSULATION SHALL BE IN ACCORDANCE WITH SECTIONS R302.10.1 THROUGH R302.10.5.</p> <p>R302.10.1 INSULATION. INSULATION MATERIALS, INCLUDING FACINGS, SUCH AS VAPOR RETARDERS AND VAPOR PERMEABLE MEMBRANES INSTALLED WITHIN FLOOR/CEILING ASSEMBLIES, ROOF/CEILING ASSEMBLIES, WALL ASSEMBLIES, CRAWL SPACES AND ATTIC SPACES SHALL HAVE A FLAME SPREAD INDEX NOT TO EXCEED 25 WITH AN ACCOMPANYING SMOKE-DEVELOPED INDEX NOT TO EXCEED 450 WHEN TESTED IN ACCORDANCE WITH ASTM E 84 OR UL 723.</p> <p>EXCEPTIONS:</p> <ol style="list-style-type: none">WHEN SUCH MATERIALS ARE INSTALLED IN CONCEALED SPACES, THE FLAME SPREAD INDEX AND SMOKE-DEVELOPED INDEX LIMITATIONS DO NOT APPLY TO THE FACINGS, PROVIDED THAT THE FACING IS INSTALLED INSUBSTANTIAL CONTACT WITH THE UNEXPOSED SURFACE OF THE CEILING, FLOOR OR WALL FINISH.CELLULOSE LOOSE-FILL INSULATION, WHICH IS NOT SPRAY APPLIED, COMPLYING WITH THE REQUIREMENTS OF SECTION R302.10.3, SHALL ONLY BE REQUIRED TO MEET THE SMOKE-DEVELOPED INDEX OF NOT MORE THAN 450.FOAM PLASTIC INSULATION SHALL COMPLY WITH SECTION R318.	<p>09 ARCHITECTURAL NOTES</p> <p>THE CONTRACTOR SHALL INSPECT ALL EXISTING CONDITIONS, VERIFY ALL ON-SITE DIMENSIONS, EQUIPMENT AND BUILDING SERVICE REQUIREMENTS PRIOR TO COMMENCEMENT OF WORK. ORIGINAL BUILDING PLANS SHOULD BE REVIEWED TO ASSESS THE ENTIRE SCOPE OF THE PROJECT.</p> <p>THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH ALL OTHER TRADES INCLUDING THE EXISTING STRUCTURAL ELEMENTS OF THE BUILDING.</p> <p>THE CONTRACTOR SHALL PROVIDE ALL ELEMENTS OF THE SYSTEMS AS INTENDED BY THE DESIGN TO RESULT IN COMPLETE AND WORKABLE SYSTEMS IN ACCORDANCE WITH ALL STATE AND LOCAL CODES, SAFETY STANDARDS AND GOVERNING ORDINANCES.</p> <p>ALL FINISH MATERIALS CHOSEN FOR THIS SPACE WILL BE DETERMINED BY OWNER.</p> <p>ALL CONSTRUCTION SHALL CONFORM TO ALL CODE REGULATIONS AND RESTRICTIONS.</p> <p>THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL DEBRIS.</p> <p>DRAWINGS ARE DIAGNOMATIC. DO NOT SCALE FOR EXACT LOCATION OF OPENINGS, ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH PROGRESS OF THE CONSTRUCTION.</p> <p>REQUIRED INSURANCE SHALL BE PROVIDED BY CONTRACTOR FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF THE WORK.</p> <p>CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, FEES, INSPECTIONS AND TESTS.</p> <p>CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON JOB PRIOR TO BEGINNING.</p> <p>CONSTRUCTION DIMENSIONS SHALL TAKE PRECEDENCE OVER DRAWINGS.</p>	<p>10 SAFETY / EGRESS DOOR NOTES</p> <p>NO DOOR IN THE PATH OF TRAVEL OF MEANS OF ESCAPE SHALL BE LESS THAN 32" WIDE, EXCEPT THAT BATHROOM DOORS MAY BE 24" WIDE, UNLESS A LARGER DOOR OPENING IS REQUIRED TO SATISFY THE REQUIREMENTS OF NFPA 101.</p> <p>EVERY CLOSET DOOR LATCH SHALL BE SUCH THAT CHILDREN CAN OPEN THE DOOR FROM INSIDE THE CLOSET.</p> <p>EVERY BATHROOM DOOR LOCK SHALL BE DESIGNED TO PERMIT THE OPENING OF THE LOCKED DOOR FROM THE OUTSIDE IN AN EMERGENCY.</p> <p>DOORS MAY BE SWINGING OR SLIDING, AND ARE EXEMPT FROM THE REQUIREMENTS OF SECTION 21-2.4.3 AND 21-2.4.4 OF THE 1994 I.B.C. OF NFPA 101.</p> <p>NO DOOR IN ANY MEANS OF ESCAPE SHALL BE LOCKED AGAINST EGRESS WHEN THE BUILDING IS OCCUPIED. ALL LOCKING DEVICES WHICH IMPEDE OR PROHIBIT EGRESS OR WHICH CAN NOT BE EASILY ENGAGED SHALL BE PROHIBITED.</p> <p>EGRESS WINDOW NOTES:</p> <p>AN OUTSIDE WINDOW OR DOOR OPERABLE FROM THE INSIDE WITHOUT THE USE OF TOOLS AND PROVIDING A CLEAR OPENING OF NOT LESS THAN 20 IN. (50.8 CM) IN WIDTH, 24 IN. (61 CM) IN HEIGHT, AND 5.7 SQ. FT. (0.53) IN AREA. THE BOTTOM OF THE OPENING SHALL BE NO MORE THAN 44 IN. (112 CM) ABOVE THE FLOOR. AS PER N.F.P.A. 101 SECT. 22-2.2.3 (C) AND SECT. 24.2</p> <p>SAFEGUARDS. OPERABLE WINDOWS SHALL BE PROTECTED AS FOLLOWS: WHERE THERE IS DROP OF MORE THAN 4'-0" ON THE FAR SIDE OF SUCH WINDOWS AND THE SILL IS LESS THAN 36" ABOVE THE NEAR SIDE WALKING SURFACE, SAFEGUARDS SHALL BE PROVIDED TO PREVENT THE FALL OF PERSONS WHEN SUCH WINDOWS ARE OPEN AS PER SECT. 3508.3 (E) (1) (APPLICABLE IN 2nd FLOOR WINDOWS ONLY)</p>	<p>10 CABINET BACKING DETAIL NTS</p>	<p>11 FIXTURE CLEARANCES NTS</p>
<p>12 FINISH NOTES NTS</p>	<p>13 ARCHITECTURAL NOTES</p>	<p>14 EGRESS WINDOW DETAIL NTS</p>	<p>15 ROOF OUTSIDE AIR DETAIL NTS</p>	<p>16 SCUPPER & OVERFLOW DETAIL NTS</p>