



XX FINISH LEGEND:		XX EQUIPMENT & ACCESSORIES LEGEND:	
PT	PAINT	600	PLANTER
PL	PLASTIC LAMINATE	601	2-TOP TABLE
ST	STONE	602	DINING TABLE
SS	SOLID SURFACE	603	SIDE TABLE
SF	SPECIAL FINISH	604	ARM CHAIR
CO	CONCRETE	605	CHAISE LOUNGE
CP	CARPET	606	DINING CHAIR
CT	CERAMIC TILE	607	ADIRONDACK CHAIR
G	GLASS	608	UMBRELLA
QT	QUARRY TILE	609	TOWEL RACK/BIN
VB	VINYL BASE	700	GAS GRILL
VF	VINYL FLOORING	701	TREE GRATE
		702	AQUATIC LIFT

NOTE:
INSTALL CARBON MONOXIDE DETECTOR INSIDE THE POOL EQUIPMENT ROOM.

QTY.	DESCRIPTION
1	MA-CM15A CARBON MONOXIDE DETECTOR W/ SOUND
1	IV-FA250 HIGH POWER TRANSMITTER
2	POWER SUPPLY DC, 12V 1-AMP
1	IV-FA416DR 16 ZONE RECEIVER W/DISPLAY
1	AC-SFX5760 ANNUNCIATOR PLATE
1	SON RB-5 AUXILIARY RELAY MODULE
2	BATTERIES 12V 7AH
2	TRANSFORMERS

- POOL NOTES:**
- POOL CONSTRUCTION TO COMPLY WITH STATE AND FEDERAL POOL GUIDELINES.
- PROVIDE PROFESSIONALLY DESIGNED, FABRICATED & PERMANENTLY INSULATED RULES AND HOURS OF OPERATION ARE REQUIRED.
 - "NO DIVING" SIGNAGE WITH THE "NO DIVING" INTERNATIONAL SYMBOL SHALL BE PROMINENTLY DISPLAYED WHERE IT CAN BE SEEN FROM ALL AREAS IN AND AROUND THE POOL AND IN A LOCATION NOTICEABLE WHEN ENTERING THE POOL AREA.
 - PERIMETER POOL DECK SHALL BE NON-SLIP, DECORATIVE HARDSURFACE WITH COEFFICIENT OF FRICTION OF 0.6 OR GREATER, WET OR DRY PER ASTM 1028. POOL DECK SHALL EXTEND A MINIMUM OF 4' AROUND ENTIRE POOL.
 - POOL AND SPA SHALL HAVE UNDERWATER LIGHTING THAT MEETS RECOGNIZED STANDARDS AND CODES.
 - DEPTH SHALL BE CLEARLY SHOWN BOTH THE TOP AND SIDE OF THE POOL EDGE. POOL MARKINGS SHALL BE INDICATED IN FEET AND INCHES ON THE TOP OF THE POOL EDGE AND ALSO ON THE SIDE OF THE POOL EDGE. SLIP RESISTANT DEPTH MARKERS ON DECK, SHALL BE WITHIN 18" OF WATER'S EDGE. DEPTH MARKERS SHALL BE 4" MINIMUM HEIGHT. 6" TILES TO BE USED FOR THIS PROJECT.
 - COMMERCIAL GRADE "NO DIVING" AND THE INTERNATIONAL SYMBOL SHALL BE DISPLAYED ON THE POOL COPING NEAR DEPTH MARKINGS. IT MUST BE DISPLAYED IN CONTRASTING COLORS TO THE BACKGROUND ON THE POOL COPING NEAR DEPTH MARKINGS.
 - ALL ELECTRICAL OUTLETS IN THE POOL AREA SHALL BE PROTECTED BY GROUND FAULT CIRCUIT INTERRUPTER (GFCI).
 - FLOATERS SHALL BE INSTALLED AT 5'-0" DEPTH LINE.
 - EXPOSED METAL RAILS FOR LADDERS AND STEPS SHALL BE CORROSION RESISTANT STAINLESS STEEL.
 - PROVIDE TWO (2) LIFE SAFETY DEVICES THAT ARE UNITED STATES COAST GUARD APPROVED AND A 12" POLE HOOK.
 - EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, OR ANY SPECIAL KNOWLEDGE OR EFFORT.
 - ACCESSIBLE DOOR HARDWARE IS REQUIRED (NOT REQUIRING TIGHT GRASPING, TIGHT FINCHING, OR TWISTING OF THE WRIST TO OPERATE).
 - POOL AREA TO BE PROTECTED BY A 5' FENCE WITH LOCKABLE GATE.
 - POOL PIPING TO UTILIZE SDR26PVC.
 - POOL SHALL CONFORM WITH DESIGN AS PER L.S.S.C., TITLE 51, PART 51, PART XXIV, PASSAGE 301.
 - POOL SHALL HAVE 2 RETURN INLETS DISCHARGING @ 10' TO 15' BELOW POOL OVERFLOW.
 - POOL SHALL HAVE 2 SURFACE SKIMMERS.
 - MAXIMUM VELOCITY IN POOL PIPING.
2" PVC = 5.1 FPS
1.5" PVC = 4.0 FPS

POOL CALCULATIONS		
POOL SURFACE AREA	640.0	S/F
POOL AVERAGE DEPTH	5	FT
POOL VOLUME	20,228	GALLON
NO. OF SKIMMERS	2	EA
NO. OF RETURN INLETS	4	EA
WATER TURNOVER RATE	6.74	HRS

MAIN DRAIN VELOCITY		
MAIN DRAIN AREA	288	SQ/IN
PIPE FLOW RATE	<10	FPS
NO. OF MAIN DRAINS	2	EA
NO. OF SKIMMERS	2	EA

- KEY NOTES:**
- FLUSH MOUNTED SPEAKER RATED FOR DAMP ENVIRONMENTS
 - STAINLESS STEEL HANDRAIL TO COMPLY WITH ACCESSIBILITY REQUIREMENTS & SSC, XXIV, 325
 - PROVIDE A FIXED POOL LIFT TO PROVIDE AN ACCESSIBLE MEANS OF ENTRY TO THE POOL. PROVIDE LIFT LOCATION TO COMPLY W/ ADA STANDARDS.
 - STAIR ENTRY TO POOL TO COMPLY W/ ACCESSIBILITY REQUIREMENTS.
 - SWIMMING POOL
 - JOINTS WHERE THE DECK MEET THE POOL MUST BE WATERTIGHT
 - STAINLESS STEEL HVAC DUCT
 - FLUSH BOX HYDRANT
 - RECESSED CLG. LIGHT FOR NET LOCATIONS W/ SHATTER PROOF LENS
 - EXPOSED WOOD CEILING STRUCTURE OVER POOL. GLULAM BEAMS W/ SEMI-GLOSS CLEAR COAT WITH T&G DECKING
 - PARTIAL HEIGHT WALL W/ PRECAST COPING -- REFER TO ELEV'S.
 - POOL DEPTH MARKERS AS REQUIRED BY CODE, INSET FLUSH WITH POOL COPING DECK LOCATION ALSO INDICATES CORRESPONDING POOL WALL TILE LOCATION, DECK AND WALL TILES TO BE ALIGNED POOL CONTRACTOR TO VERIFY POOL DEPTHS PRIOR TO INSTALLING TILES
 - 12" X 12" POOL SAFETY MAIN DRAINS
 - POOL EQUIPMENT
 - POOL CHEMICAL CLOSET--EVERYTHING IN THIS ROOM TO BE RATED FOR CORROSIVE ENVIRONMENTS (DOOR, DOOR FRAME AND HARDWARE, PIPES, PIPE SUPPORTS, SHELVES, LIGHTS, ETC.)
 - STAINLESS STEEL TREAD PREMANUFACTURED LADDER
 - BRICK COPING AT PERIMETER OF POOL
 - TAMPER RESISTANT, RECESSED HOSE BIBB - MOUNT TOP AT 12" A.F.F.
 - SLOPE POOL DECK TOWARD AREA DRAIN EXTEND WATERPROOFING OVER STRUCTURAL SLAB AND INTO LOWER BODY OF DRAIN.
 - DRINKING FOUNTAINS: LEADING EDGES OF BOTH ACCESSIBLE AND NON-ACCESSIBLE FOUNTAIN SHOULD BE NO HIGHER THAN 27" PER ACCESSIBILITY REQUIREMENTS.
 - SURFACE MOUNTED DOWNLIGHT -- RUN EXPOSED POWER SUPPLY CONDUIT UP TIGHT AGAINST CORNER OF DECKING AND BEAM TO MINIMIZE SIGHT LINES
 - PRIMED AND PAINTED TUBE STEEL CANOPY WITH STAINED WOOD TRELLIS INFILL - SYSTEM TO BE UPLIGHTED BY SCUNCES
 - UNDERWATER LIGHTING - MATTAGE PER LOCAL CODE & LA STATE SANITARY CODE, TITLE 51, PART XXIV, PASSAGE 715.
 - DECKS MUST BE INSTALLED WITH RELIEF JOINTS FOR THERMAL MOVEMENT & POTENTIAL SETTLING
 - PROVIDE CONT. VAPOR BARRIER BEHIND POOL CEILING FINISHES
 - POOL PERIMETER
 - EDGE OF POOL BELOW DASHED IN FOR REFERENCE
 - SLOPE CONCRETE DECK AWAY FROM BUILDING. SLOPE OF POOL DECK NOT TO EXCEED 1:48 (1/64 RECOMMENDED) IN THEIR DIRECTION PER ACCESSIBILITY REQUIREMENTS.
 - WALL RETURN GRILLE -- REFER TO ELEVATIONS
 - EXTERIOR LIGHT STRINGS--REFER TO ELEVATIONS FOR BLOCKING REQUIREMENTS FOR LIGHTING SYSTEM MOUNTING HARDWARE--REFER TO FIXTURE LEGEND
 - GYP. BD. "VEE" REVEAL
 - ROOF MOUNTED EXHAUST FAN GRILLE
 - EXPANSION JOINT IN COPING 10" MAX SEPARATION
 - HOUSE TELEPHONE LOCATION
 - JOINTS WHERE THE POOL COPING MEETS THE DECK MUST BE PROTECTED FROM THE RELATIVE PRESSURE OF ADJOINING DECK MOVEMENT
 - EXTERIOR POOL REQUIRES INTERIOR AND EXTERIOR CARD READER ACCESS FOR BUILDING SECURITY AND POOL SAFETY

SYMBOL/FIXTURE KEY

DESIGNATED REQ'D CLEAR ON ADA STANDARDS (A810) FLOOR SPACE PER ACCESSIBILITY REQS. REFER TO DETAIL IN REFERENCE TO DOOR APPROACH CLEARANCES. VERIFY REQ'D CLEAR FLOOR SPACE FOR ALL ACCESSIBLE EQUIPMENT, FURNITURE AND AREAS AS DEFINED BY ACCESSIBILITY AS INDICATED WITH A LETTER KEYNOTE.

- NOTE:**
- POOL DESIGNS BY OTHERS SUBCONTRACTORS TO SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO CONSTRUCTION. COORDINATE ALL PHASES OF POOL CONSTRUCTION WITH OTHER PHASES OF POOL CONSTRUCTION WITH OTHER TRADES.
 - PROVIDE SALINE WATER PURIFICATION SYSTEM AS REQUIRED FOR THE SWIMMING POOL.
 - POOL FILLER MUST BE BY AIR GAP ONLY TO PREVENT CROSS CONTAMINATION.

GROUNDING & BONDING NOTES:

- ANY AND ALL METAL PARTS ASSOCIATED WITH THE POOL WATER CIRCULATION SYSTEM (I.E. PUMPS) SHALL BE BONDED PER NEC 2008 ARTICLE 680.
- ALL METAL PARTS WITHIN 5 FT. OF THE INSIDE WALL OF THE POOL AND NOT SEPARATED BY A PERMANENT BARRIER ARE REQUIRED TO BE BONDED PER NEC 2008 ARTICLE 680.

THIS LIST INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING:

ALL METAL PARTS OF THE POOL STRUCTURE, CONDUIT AND PIPING, METAL DOOR FRAMES, METAL WINDOW FRAMES, DIVING BOARDS, HANDRAILS, LADDERS, DRAINS, OUTLET PIPES, SLIDE SUPPORTS, WATER FEATURES, ETC..

THE BONDING OF THESE PARTS DOES NOT MEAN THEY ARE REQUIRED TO BE CONNECTED TO EACH OTHER; RATHER, IT MEANS THEY ARE REQUIRED TO BE CONNECTED TO A COMMON EQUIPOTENTIAL BONDING GRID.

3. ALL EQUIPOTENTIAL BONDING TERMINATIONS MUST BE MADE BY EXOTHERMIC WELDING. LISTED PRESSURE CONNECTORS OF THE SET SCREEN OR COMPRESSION TYPE, LISTED CLAMPS, OR OTHER LISTED FITTINGS. (NEC 2008 ARTICLE 680)

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#	DESCRIPTION	DATE

SEAL:

4/27/2015

HOME 2 SUITES BY HILTON

OWNER: NIS HOSPITALITY, LLC
P.O. BOX 866CARENGRO, L5 70507

LOT 21, BLOCK 6
BUSINESS PARK SUBDIVISION
RAPIDES PARISH
CITY OF ALEXANDRIA, LOUISIANA

JOB No: 22-40 DATE: 4-27-15
DRAWN BY: KJK CHECKED BY: CKD

SHEET TITLE:
INDOOR POOL PLAN & NOTES

DRAWING NUMBER:
PL1.1

SHEET No: 09 of 16

1" INDOOR POOL PLAN
SCALE: 1/4" = 1'-0"