

CODE REQUIREMENTS

CODE REQUIREMENTS

- ALL CONSTRUCTION RELATED TO THE POOL AND SURROUNDING POOL AREA SHALL BE IN FULL ACCORDANCE WITH THE LAC TITLE 51 XXIV CODE, AND ALL OTHER APPLICABLE CODES, AND STANDARDS.
- THIS POOL IS AN EXISTING OUTDOOR POOL WHICH IS BEING REFURBISHED.

NOTE: GOING FORWARD WITHIN THIS DOCUMENT: ALL SUBSECTIONS REFERENCED FROM THE LAC TITLE XXIV CODE SHALL EXCLUDE THE LAC TITLE 51 XXIV CODE AND LIST ONLY THE SPECIFIC SUBSECTION BEING REFERENCED. IT IS UNDERSTOOD THAT ALL SUBSECTIONS BEING REFERENCED WITHIN THIS DOCUMENT ARE UNDER LAC TITLE 51 XXIV CODE.

DESIGN REQUIREMENTS

- PER 301.B - ALL INTERIOR SURFACES OF THE POOL SHALL RECEIVE A LIGHT COLORED PLASTER ON ALL SURFACES NOT TILED.
- PER 305.A - ALL POOL WALLS SHALL BE PLUMB.
- PER 311.A - THE MINIMUM WATER DEPTH IS 3'-6" (SEE SHEET PL-1.0 AND PL-1.1).
- PER 311.C - THIS POOL IS DESIGNED NOT TO EXCEED THE 4'-6" WATER DEPTH, THEREFORE NOT REQUIRING A 4" MINIMUM CONTRASTING BAND.
- PER 311.E - DUE TO THE ESTABLISHED WATER DEPTHS, THERE WILL BE NO DIVING ALLOWED IN THIS POOL. ALL WATER DEPTH TILE MARKER LOCATIONS SHALL ALSO INCLUDE A 6"x6" INTERNATIONAL NO DIVING SYMBOL.
- PER 315.A - THE POOL TURNOVER RATE SHALL BE SIZED AT 4 HOURS.
- PER 317.D - THIS POOL WILL HAVE AN UNDERWATER SEAT BENCH THAT IS IN FULL COMPLIANCE WITH THE DOCUMENT ENTITLED "VARIANCE CRITERIA FOR UNDERWATER SEAT BENCHES" (SEE UNDERWATER SEAT BENCH REQUIREMENTS).
- PER 323.B - POOL DECK SHALL BE CONSTRUCTED OF PAVERS WHICH ARE SLIP RESISTANT AND EASILY CLEANABLE.
- PER 323.F.3 - THE MINIMUM CONTINUOUS UNOBSTRUCTED DECK WIDTH SHALL BE 4 FEET.
- PER 323.G - THE POOL DECK SHALL BE 1/4" PER FOOT. ADDITIONAL DRAINAGE WILL ALSO BE PROVIDED (REFERENCE THE DRAINAGE PLAN).
- PER 323.J - GIVEN THE POOL DECK WILL BE PAVERS ON SUB-SLAB, CONSTRUCTION JOINTS AROUND THE COPING AND THROUGHOUT THE DECK SHALL BE CONSTRUCTED TO A MINIMUM WIDTH OF 1/8".
- PER 323.O - POOL DECK SHALL BE SLOPED AS INDICATED ON DRAINAGE PLAN.
- PER 323.P - SITE DRAINAGE SHALL BE INSTALLED PER DRAINAGE PLAN TO EFFECTIVELY SHED WATER FROM POOL DECK AND POOL, AND PREVENT FLOODING OR EROSION OF LANDSCAPING ONTO POOL DECK OR POOL.
- PER 323.Q - ALL POOL CIRCULATION SYSTEM PIPING SHALL BE TESTED WITH AN INDUCED STATIC HYDRAULIC PRESSURE TEST AT 25 PSI FOR 30 MINUTES, AND SHALL BE PERFORMED BEFORE ANY OF THE PIPING IS COVERED UP. PIPING WILL REMAIN UNDER PRESSURE THROUGHOUT THE ENTIRE DURATION OF THE CONSTRUCTION PROCESS AS MUCH AS FEASIBLY POSSIBLE.
- PER 323.S - A HOSE BIB AND VACUUM BREAKER SHALL BE PROVIDED FOR WASHING DOWN THE ENTIRE POOL DECK AREA.
- PER 325 - THIS POOL SHALL HAVE ONE HAND RAIL AT THE STEPS, AND ONE LADDER AT THE DEEP END PROVIDING AT LEAST TWO MEANS OF ENTRY/EXIT LOCATIONS. THIS POOL IN ONLY 19'-7-1/8" IN WIDTH, NOT REQUIRING MORE THAN ONE LADDER ON THE DEEP END. A MINIMUM MEANS OF ENTRY/EXIT IS PROVIDED NO MORE THAN 75 LINEAR FEET OF POOL WALL.
- PER 327 - ALL STAIR TREADS ARE 24". ALL RISERS ARE UNIFORMLY 12". WITH THE BOTTOM RISER VARYING NO MORE THAN PLUS OR MINUS 2". ONE HANDRAIL SHALL BE PROVIDED, AND SHALL BE NO MORE THAN 18 INCHES HORIZONTAL DISTANCE FROM THE FACE OF BOTTOM RISER. THE OUTSIDE DIAMETER OF THE HANDRAIL IS 1.90" O.D..
- PER 329 - THE POOL LADDER SHALL BE STAINLESS STEEL, WITH TWO HAND RAILS, WITH THE LADDER TREADS BEING BETWEEN 3" AND 6" CLEAR FROM THE FACE OF POOL WALL. THE CLEAR DISTANCE BETWEEN LADDER HANDRAILS WILL BE 18". THE LADDER TREADS ARE UNIFORMLY SPACED WITH A VERTICAL DISTANCE OF 10", AND ALL LADDER TREADS SHALL MEET THE 1-1/2" HORIZONTAL DISTANCE.

CIRCULATION SYSTEMS

- PER 501 - ALL POOL EQUIPMENT IS SIZED FOR A 4 HOUR TURNOVER, AND ALL POOL EQUIPMENT SHALL MEET NSF 50 PER LAC
- PER 503.A - WATER VELOCITY FOR RETURN PIPING SHALL NOT EXCEED 8FPS, AND VELOCITY FOR THE SUCTION PIPING SHALL NOT EXCEED 6 FPS. (SEE ATTACHED VELOCITY CHART AS SHOWN ON PLAN SHEET PL-1.1)
- PER 503.C.1 - THIS POOL SHALL BE PROVIDED WITH A FLOW METER SHOWING FLOW RATE THROUGH THE FILTER SYSTEM IN GALLONS PER MINUTE.
- PER 505 - PROPERLY SIZED SAND FILTER SHALL BE PROVIDED WITH A SIGHT GLASS TO DETERMINE WATER CLARITY.
- PER 507 - A RECIRCULATION PUMP SHALL BE PROVIDED WHICH MEETS OR EXCEEDS THE MAXIMUM FLOW RATE FOR THE POOL RECIRCULATION SYSTEM.
- PER 509 - THIS POOL SHALL HAVE A TOTAL OF 6 RETURN INLETS (5 DIRECTIONAL EYEBALL INLETS, AND ONE ADJUSTABLE FLOOR RETURN INLET ON THE TOP LANDING OF THE STEPS AS SHOWN PER PLAN PL-1.0. TWO MAIN DRAINS ARE TO BE LOCATED AS SHOWN ON PLANS, AND EACH ACCOMMODATE THE MAXIMUM FLOW RATE. ALL RETURN INLETS ARE SPACED ALONG THE POOL WALL AT A DISTANCE NOT TO EXCEED 20'-0".
- PER 511 - ALL WALL RETURN INLETS AND FLOOR RETURN INLET SHALL BE ADJUSTABLE. THE WALL RETURN INLETS ARE ALL LOCATED BETWEEN 10 INCHES AND 15 INCHES BELOW POOL OVERFLOW LEVEL. SEE NOTE 34 IN THIS DOCUMENT FOR INLET SPACING.
- PER 513 - ALL SUCTION OUTLETS SHALL HAVE ANTIVORTEX COVERS (THIS INCLUDES THE MAIN DRAINS, AND ALL SUCTION COVERS FOR THE EQUALIZER LINES ON EACH SKIMMER. EACH 8" MAIN DRAIN IS SPACED AT 6'-0" FROM CENTER TO CENTER.
- PER 515 - A SURFACE SKIMMER SHALL BE PROVIDED FOR EVERY 500 SQ. FT. OF WATER SURFACE AREA.

GENERAL STANDARDS

- PER 701 - ALL DEPTH MARKER REQUIREMENTS FOR THIS CODE SECTION ARE IDENTIFIED ON PLAN SHEET PL-1.2, DETAIL 03, AND ALL REFERENCED ON PLANS PL-1.0 AND PL-1.1.
- PER 703 - THIS CLASS C POOL SHALL UTILIZE THE EXISTING 12FT. LONG STRONG POLE, 60 FT. THROWING ROPE AND RING BUOY, AND TELEPHONE WITH POSTED EMERGENCY NAMES AND NUMBERS.
- PER 707.A - ALL FRESH WATER SUPPLY LINES, AND BACKWASH LINES SHALL BE SEPARATED BY A 6" MINIMUM AIR GAP, PREVENTING A PHYSICAL CONNECTION OF THE THE FRESH WATER SUPPLY LINE, OR THE BACKWASH LINE TO THE POOL WATER BODY.
- PER 711 - BACKWASH WATER SHALL BE DISCHARGED INTO A SANITARY SEWER LINE THROUGH A 6" MINIMUM AIR GAP.

- PER 713.A - POOL CONTRACTOR TO COMPLY WIHT THE REQUIREMENTS OF THE LATEST NATIONAL ELECTRICAL CODE OF THE NATIONAL FIRE PROTECTION AGENCY SHALL BE COMPLIED WITH.
 - PER 715.A - THIS POOL WILL NOT BE OPEN FOR USE DURING NON-DAYLIGHT HOURS, AND THEREFORE REQUIRES NO UNDERWATER POOL LIGHTING.
 - PER 717 - THE EXISTING POOL EQUIPMENT ROOM SHALL REMAIN PROPERLY VENTILATED BY LOUVERED OPENINGS.
 - PER 733.A - EXISTING POLE HOOKS, ROPES, BUOYS, FIRST AID KIT, AND OTHER LIFESAVING EQUIPMENT ARE TO BE PROVIDED IN COMPLIANCE WITH CODE.
- ### DISINFECTION & BACTERIOLOGICAL QUALITY

- PER 901.A - ALL DISINFECTANT EQUIPMENT SHALL COMPLY WITH NSF STANDARD 50.
- PER 901.A.2 - THE CHLORINATOR PROVIDING DISINFECTANT TO THE POOL WATER IS TO BE ADJUSTED PENDING FIELD TESTING MEASURES THAT ARE SIMPLE AND ACCURATE.
- PER 901.C - THE POOL SHALL BE SUPPLIED WITH A CHEMICAL TEST KIT WHICH TESTS ALLOWS FOR TESTING OF ALL LEVELS MENTIONED IN NOTE 66 WITHIN THIS DOCUMENT VIA THE DPD METHOD OF DETECTING CHLORINE RESIDUAL. (TAYLOR TEST KIT K-2006 OR BETTER WILL BE PROVIDED).
- THE TESTING RESULTS FOR RESIDUALS SHALL MEET THE FOLLOWING.....
 - TESTING FOR DETERMINATION OF pH, CHLORINE (TOTAL AND FREE), TOTAL ALKALINITY, AND CALCIUM HARDNESS.
 - DISINFECTANT LEVELS AND pH SHALL BE MEASURED TWICE PER DAY, AND HOURLY WHEN POOL IS IN HEAVY USE.
 - TOTAL ALKALINITY TO BE MEASURED WEEKLY.
 - CALCIUM HARDNESS TO BE MEASURED MONTHLY.

LEVEL REQUIREMENTS ARE....

CHLORINE	1.0 ppm MINIMUM
FAC	3.0 ppm MAXIMUM 10 MG/L MAXIMUM
TOTAL ALKALINITY	60 - 180 ppm (MG/L)
CALCIUM HARDNESS	1000 ppm (MG/L) MAXIMUM

UNDERWATER SEAT BENCH

- UNDERWATER SEAT BENCH ON THIS POOL IS WITHIN LESS THAN 5'-0" WATER DEPTH.
- THERE ARE NO SWIM LANES WITHIN THIS POOL.
- THE WATER DEPTH ABOVE THE UNDERWATER SEAT BENCH IS 17 INCHES.
- THE SEAT DEPTH OF THE UNDERWATER SEAT BENCH FROM FACE OF POOL WALL TO THE VERTICAL FACE OF THE BENCH IS 17 INCHES.
- A PERMANENT COLORED BAND OF DARK, CONTRASTING AND SLIP-RESISTANT TILE SHALL BE INSTALLED AT THE FRONT EDGE OF THE SEAT EXTENDING TWO INCHES ON THE HORIZONTAL AND VERTICAL SURFACE, AND SHALL BE SLIP RESISTANT (SEE SHEET PL-1.2, DETAIL 04).
- THE FRONT EDGE OF THE UNDERWATER SEAT BENCH SHALL HAVE A 1 INCH ROUNDED EDGE.
- THE UNDERWATER SEAT BENCH IS NOT UTILIZED AS AN ENTRY/EXIT. THE BENCH IS TIED INTO ONE OF THE STEPS WHICH SERVE AS AN ENTRY/EXIT.
- A HANDRAIL WILL BE INSTALLED IN FULL COMPLIANCE WITH THE REQUIREMENTS IN THE LAC TITLE 51 PART XXIV.

GENERAL CONSTRUCTION NOTES

- REFERENCE HARDSCAPE & DRAINAGE PLANS FOR FINISHED GRADES, POOL DECK SLOPE DIRECTION, AND DRAINAGE.
- FOR ALL FINISHES ON THE POOL AND POOL DECK, REFERENCE THE HARDSCAPE PLANS.
- ALL POOL DECK DEPTH MARKERS (BOTH DECK MOUNTED AND WALL MOUNTED) ARE IDENTIFIED IN THE POOL PLAN VIEWS AND SECTIONS, AND SPECIFICALLY ON SHEET PL-1.2, DETAIL 03.
- ALL 2"x2" DARK CONTRASTING EDGE TILE WITHIN THE POOL IS IDENTIFIED THROUGHOUT ALL POOL PLAN VIEWS AND SECTION VIEWS. COLORS ARE IDENTIFIED IN THE HARDSCAPE PLANS.
- DIMENSIONAL LAYOUT PLAN FOR POOL ON SHEET PL-1.0 IDENTIFIES THE LOCATIONS OF ALL SKIMMERS, INLETS, DRAINS, DEPTH CHANGES, DEPTH MARKERS, HAND RAIL, LADDER, AND ADA LIFT MOUNTING LOCATION.
- ALL SKIMMERS ARE TO HAVE EQUALIZER LINES WITH SUCTION COVERS.
- LADDER TO BE LOCATED ALONG THE POOL PERIMETER AS SHOWN ON PLANS WITH A DISTANCE NOT EXCEEDING 75'-0" ALONG THE PERIMETER BETWEEN THE LADDER, AND THE HAND RAIL.
- ON SHEET PL-1.1, THE PLUMBING LINES ARE SHOWN ON THE DRAWING FOR CLARITY ONLY. THE ACTUAL LOCATIONS OF THE LINE RUNS WILL BE DETERMINED IN THE FIELD, AND TRANSLATED ONTO AS-BUILT DRAWINGS FOR RECORD. IT IS IMPORTANT TO READ AND UNDERSTAND ALL PLANS AS THERE ARE IRRIGATION LINES, ELECTRICAL CONDUIT FOR LANDSCAPE LIGHTING, AND DRAINAGE LINES THAT ARE TO BE COORDINATED AS SHOWN ON THE DRAINAGE AND IRRIGATION PLANS.

POOL CALCULATIONS

POOL WATER VOLUME = 18 CU FT. (UPPER LANDING) + 98 CU FT. (BENCH W/ STEP) + 55 CU FT. (BOTTOM STEP) + 2,493 CU FT. (MAIN POOL BODY) = 2,664 CU FT.

(2664 CU FT.) (7.48) = 19,927 GALLONS

TURNOVER RATE = 19,927 GALLONS / 4 HR = 4,982 PER HR
4,982 GALLONS PER HR / 60 = 83 GPM

POOL WATER BODY PERIMETER = 119 LF.

OUTSIDE OF COPING PERIMETER = 127 LF.

WATER SURFACE SQ. FT. = 773 SQ. FT.

POOL SURFACE INCLUDING COPING = 895 SQ. FT.

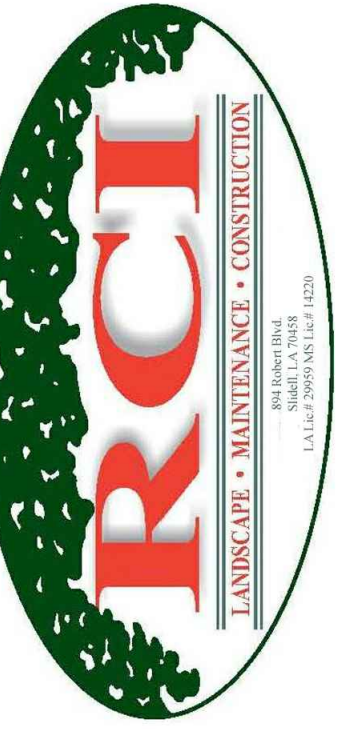
RETURN HEAD LOSS CALCULATIONS

1.5" PIPE - 183 LF/100 @ 32.2 GPM =	9.52 FT.
2.5" PIPE - 70 LF/100 @ 68 GPM =	3.92 FT.
1.5" 90° ELBOW FITTING = 3 @ 7.4	1.98 FT.
1.5" TEE FITTING = 4 @ 5.6	1.99 FT.
2.5" 90° ELBOW FITTING = 4 @ 9.3	0.88 FT.
2.5" TEE FITTING = 4 @ 9.3	0.88 FT.
2" HI-FLO VALVE =	13.00 FT.
TR140 SAND FILTER =	8.00 FT.
3/2" DIRECTIONAL EYEBALL FITTINGS = 5	11.85 FT
STA-RITE ADJUSTABLE FLOOR RETURN = 1	2.03 FT.
2" FLOW METER	2.00 FT.
TOTAL HEAD LOSS	56.05 FT.

SUCTION HEAD LOSS CALCULATIONS

3" PIPE = 288 LF/100 @ 83 GPM =	4.00 FT.
3" 90° ELBOW FITTING = 13 @ 11	2.42 FT.
3" TEE = 2 @ 2.2	0.08 FT.
3" TRUE UNION BALL VALVES = 2 @ 80/100 (83 GPM)	2.70 FT.
MAIN DRAIN OUTLETS = 2 X 6 =	6.00 FT.
SKIMMER SUCTION =	7.00 FT.
TOTAL HEAD LOSS	22.2 FT.

TOTAL HEAD CALCULATED HEAD LOSS = 78.25 FT



894 ROBERT BOULEVARD
SLIDELL, LOUISIANA 70458
PH: 985-643-2427
FAX 985-643-2691
RROTOLO@ROTOLOCONSULTANTS.COM

APARTMENT HOMES BY TONTI

FOUR POINTS BY SHERATON
541 BOURBON STREET
NEW ORLEANS, LOUISIANA 70130

Copyright 2015 Rotolo Consultants Inc.
These drawings or parts thereof, may not be reproduced in any form, by any method, for any purpose, without prior written consent from Rotolo Consultants Inc.
Contact: Rod Rotolo 985-643-2427

Project No:

Revisions:

No:	Date:	Description:

Date: 11/3/2015

Drawn: TJH

Checked: MR

Sheet Title:

POOL DESIGN DATA

WATER VOLUME =	19,927 GALLONS
TURNOVER RATE =	4 HOURS
DESIGN FLOW RATE =	83 GPM
WATER SURFACE AREA =	773 SQ. FT.
POOL PERIMETER =	127 LN. FT.
TOTAL HEAD LOSS =	78.25 FT.
MAXIMUM BATHER LOAD =	30 PERSONS

SPECIFICATIONS,
NOTES, &
CALCULATIONS

Drawing No.

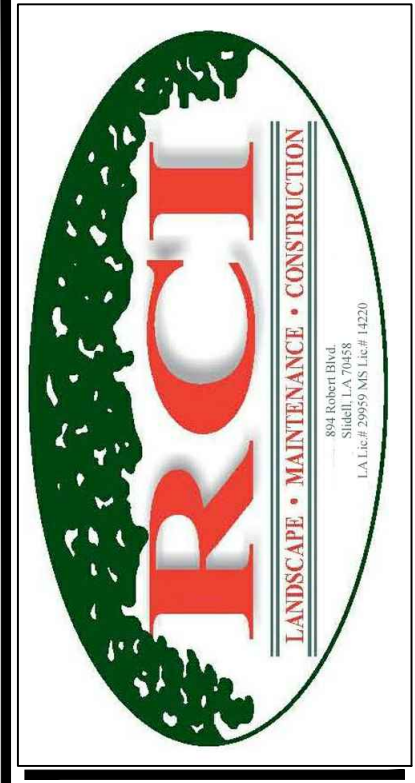
G-1.0

Sheet No.

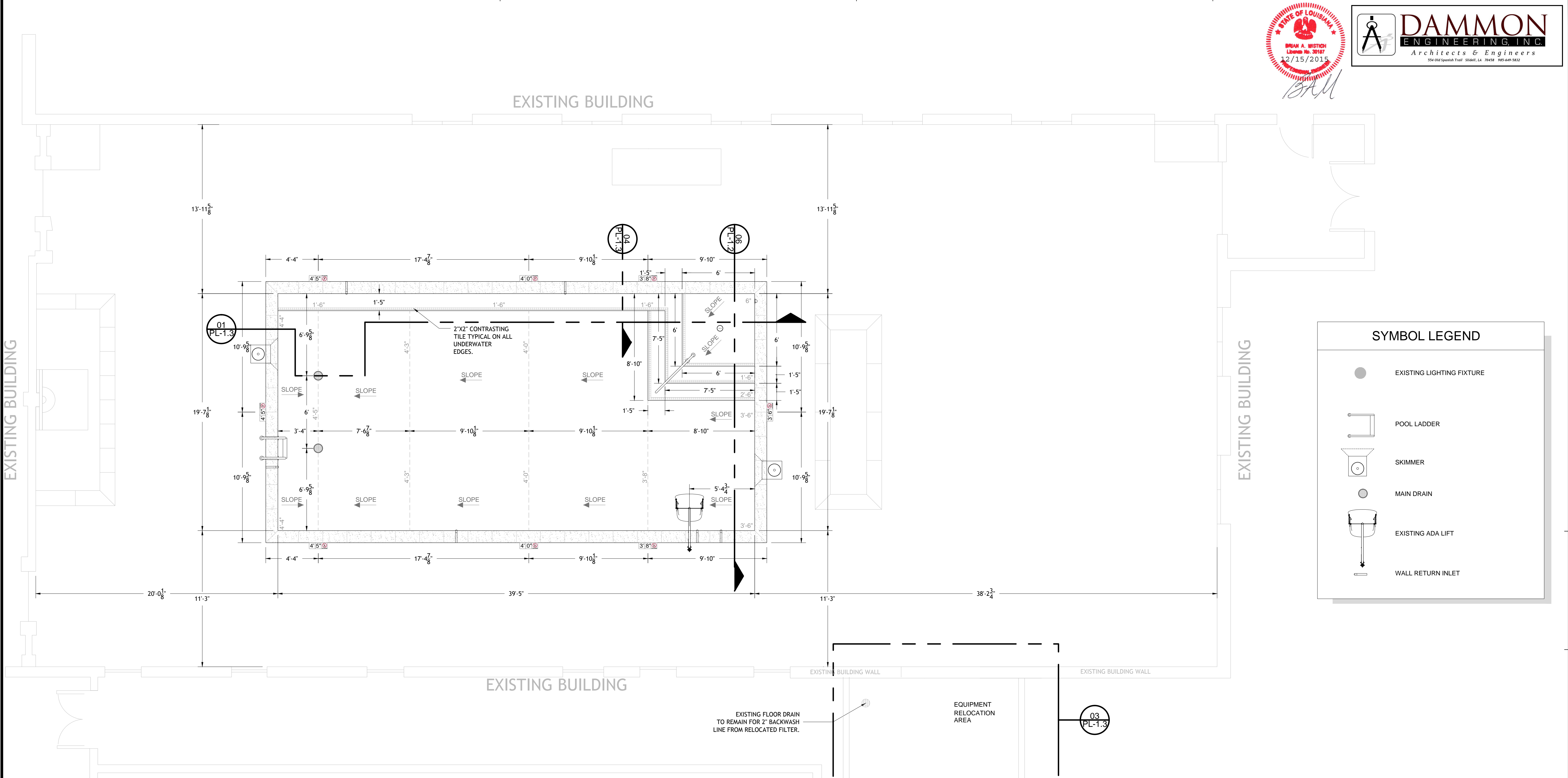
1 of 6

FILE:--

XREFS:--



894 ROBERT BOULEVARD
SLIDELL, LOUISIANA 70458
PH: 985-643-2427
FAX 985-643-2691
RROTOLO@ROTOCONSULTANTS.COM



SYMBOL LEGEND

- EXISTING LIGHTING FIXTURE
- POOL LADDER
- SKIMMER
- MAIN DRAIN
- EXISTING ADA LIFT
- WALL RETURN INLET

01 POOL AND POOL DECK LAYOUT & GRADING PLAN
PL-1.0 SCALE: 1/4" = 1'-0"

APARTMENT HOMES BY TONTI
FOUR POINTS BY SHERATON
541 BOURBON STREET
NEW ORLEANS, LOUISIANA 70130

Copyright 2015 Rotolo Consultants Inc.
These drawings or parts thereof, may not be reproduced in any form, by any method, for any purpose, without prior written consent from Rotolo Consultants Inc.
Contact: Rod Rotolo 985-643-2427
Project No:

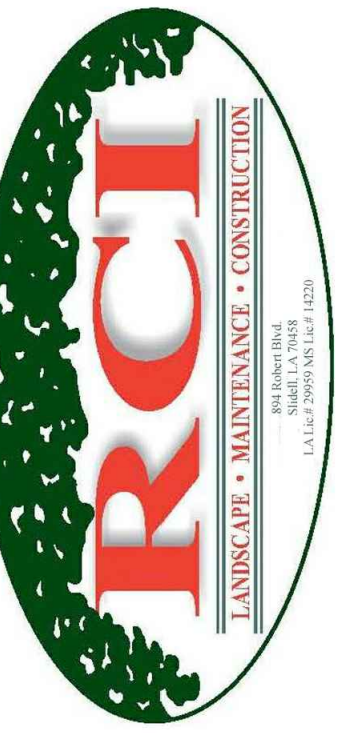
Revisions:		
No.	Date	Description

Date: 11/3/2015
Drawn: TJH
Checked: MR

Sheet Title:
POOL, & POOL DECK LAYOUT & GRADING PLAN

Drawing No.

PL-1.0



894 ROBERT BOULEVARD
SLIDELL, LOUISIANA 70458
PH: 985-643-2427
FAX 985-643-2691
ROTOLO@ROTOLOCONSULTANTS.COM

APARTMENT HOMES BY TONTI

FOUR POINTS BY SHERATON
541 BOURBON STREET
NEW ORLEANS, LOUISIANA 70130

Copyright 2015 Rotolo Consultants Inc.
These drawings or parts thereof, may not be reproduced in any form, by any method, for any purpose, without prior written consent from Rotolo Consultants Inc.
Contact: Rod Rotolo 985-643-2427
Project No:

Revisions:		
No.	Date	Description

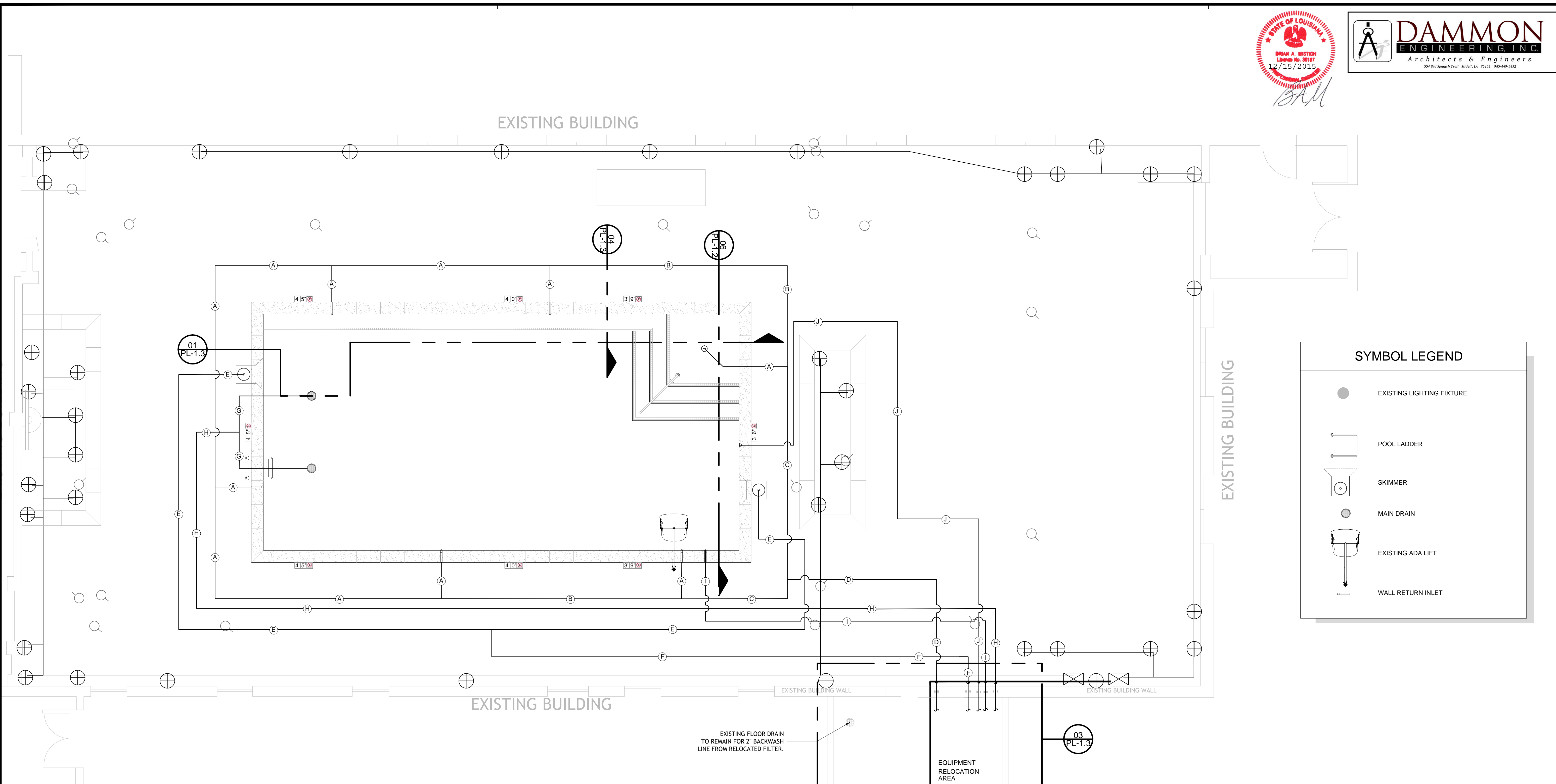
Date: 11/3/2015
Drawn: TJH
Checked: MR
Sheet Title:

POOL PLUMBING LAYOUT PLAN

Drawing No.

PL-1.1

Sheet No. 3 of 6



SYMBOL LEGEND

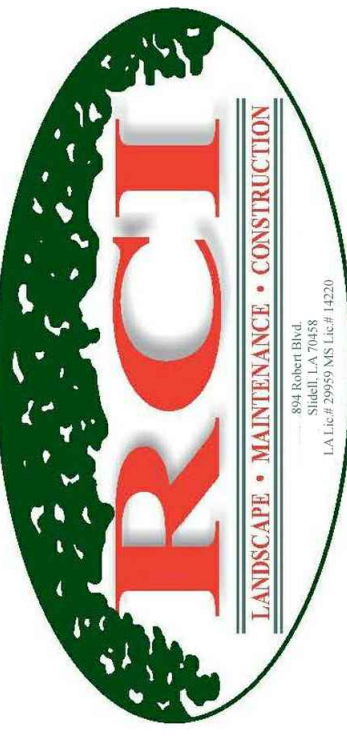
- EXISTING LIGHTING FIXTURE
- POOL LADDER
- SKIMMER
- MAIN DRAIN
- EXISTING ADA LIFT
- WALL RETURN INLET

01 POOL PLUMBING LAYOUT PLAN
PL-1.1 SCALE: 1/4" = 1'-0"

PIPE SCHEDULE					
PIPE ID	DESCRIPTION	SIZE	TYPE	FLOW RATE	VELOCITY
A	INLET RETURN	1.5"	SCH 40 PVC	13.8 GPM	2.51 FPS
B	INLET RETURN	2.0"	SCH 40 PVC	33.2 GPM	3.39FPS
C	INLET RETURN	2.0"	SCH 40 PVC	49.8 GPM	5.09 FPS
D	INLET RETURN	2.5"	SCH 40 PVC	83.0 GPM	5.42FPS
E	SKIMMER SUCTION	2.0"	SCH 40 PVC	41.5 GPM	4.24FPS
F	SKIMMER SUCTION	3.0"	SCH 40 PVC	83.0 GPM	3.77 FPS
G	MAIN DRAIN	3.0"	SCH 40 PVC	83.0 GPM	3.77 FPS
H	MAIN DRAIN	3.0"	SCH 40 PVC	83.0 GPM	3.77 FPS
I	FILL LINE	1.5"	SCH 40 PVC	N/A	N/A
J	SAMPLE LINE	2.0"	SCH 40 PVC	N/A	N/A

POOL DESIGN DATA	
WATER VOLUME =	19,927 GALLONS
TURNOVER RATE =	4 HOURS
DESIGN FLOW RATE =	83 GPM
WATER SURFACE AREA =	773 SQ. FT.
POOL PERIMETER =	127 LN. FT.
TOTAL HEAD LOSS =	78.25 FT.
MAXIMUM BATHER LOAD =	30 PERSONS

- NOTES**
- ALL PIPING AND CONDUIT SHOWN PENETRATING THE EXISTING BUILDING WALL, TO THE EQUIPMENT RELOCATION AREA SHALL DO SO AT AN ELEVATION ABOVE THE TOP OF EXISTING SLAB. AS PIPING AND CONDUIT PROTRUDES OUTSIDE OF THE EXISTING BUILDING WALL, ALL PIPING AND CONDUIT SHALL TURN DOWN INTO THE GROUND ACCORDINGLY UNTIL REACHING THEIR FINAL ELEVATIONS.
 - BEFORE DETERMINING ROUTING OF ALL PLUMBING SHOWN ON PLAN, REVIEW AND UNDERSTAND THE IRRIGATION, LANDSCAPE, AND DRAINAGE PLANS.

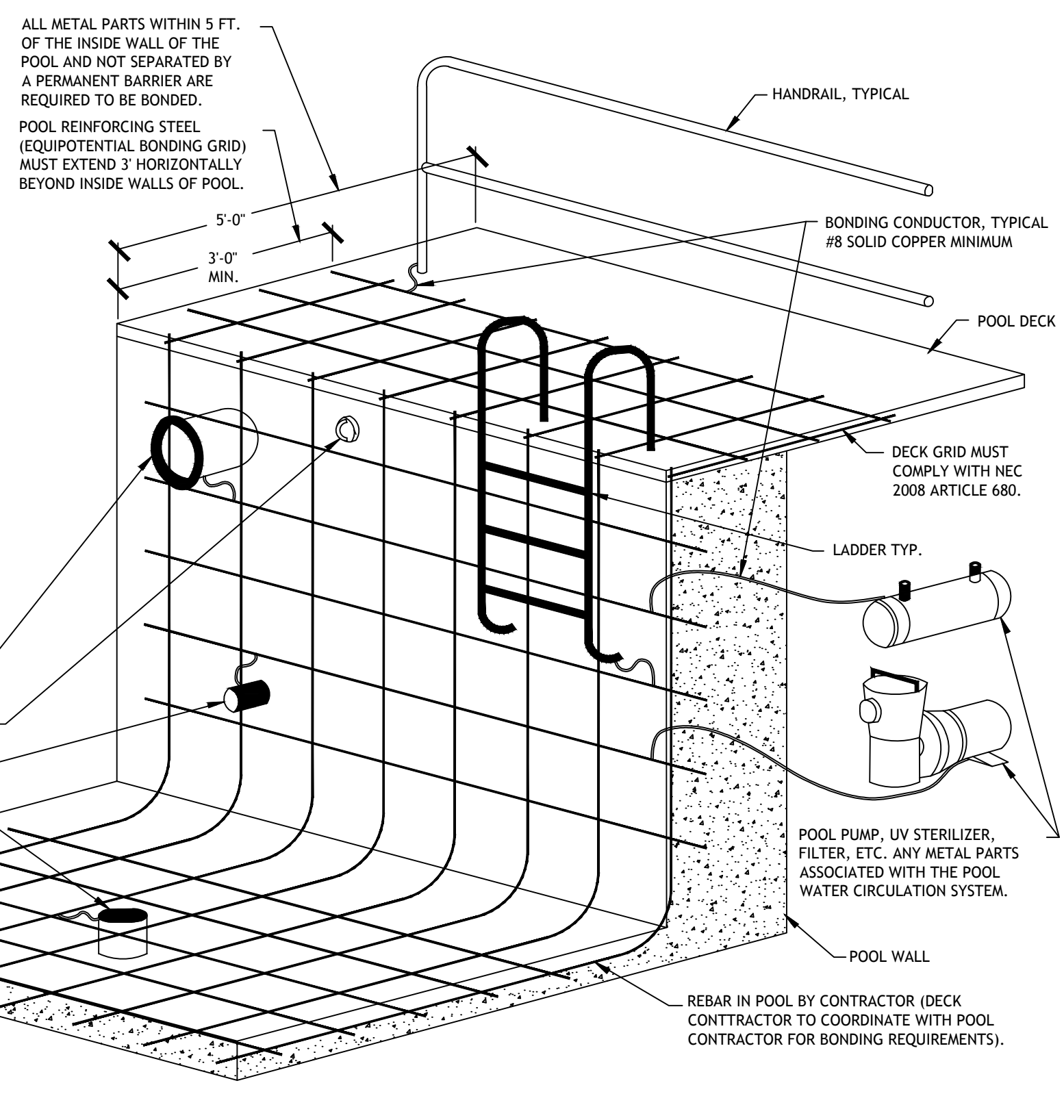


894 ROBERT BOULEVARD
SLIDELL, LOUISIANA 70458
PH: 985-643-2427
FAX: 985-643-2691
RROLO@ROLOCONSULTANTS.COM

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



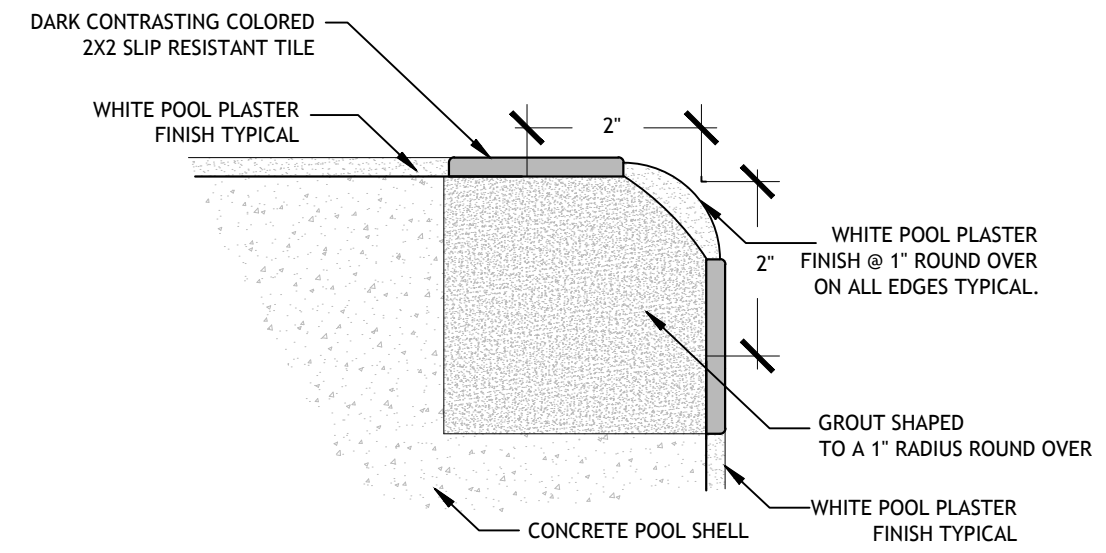
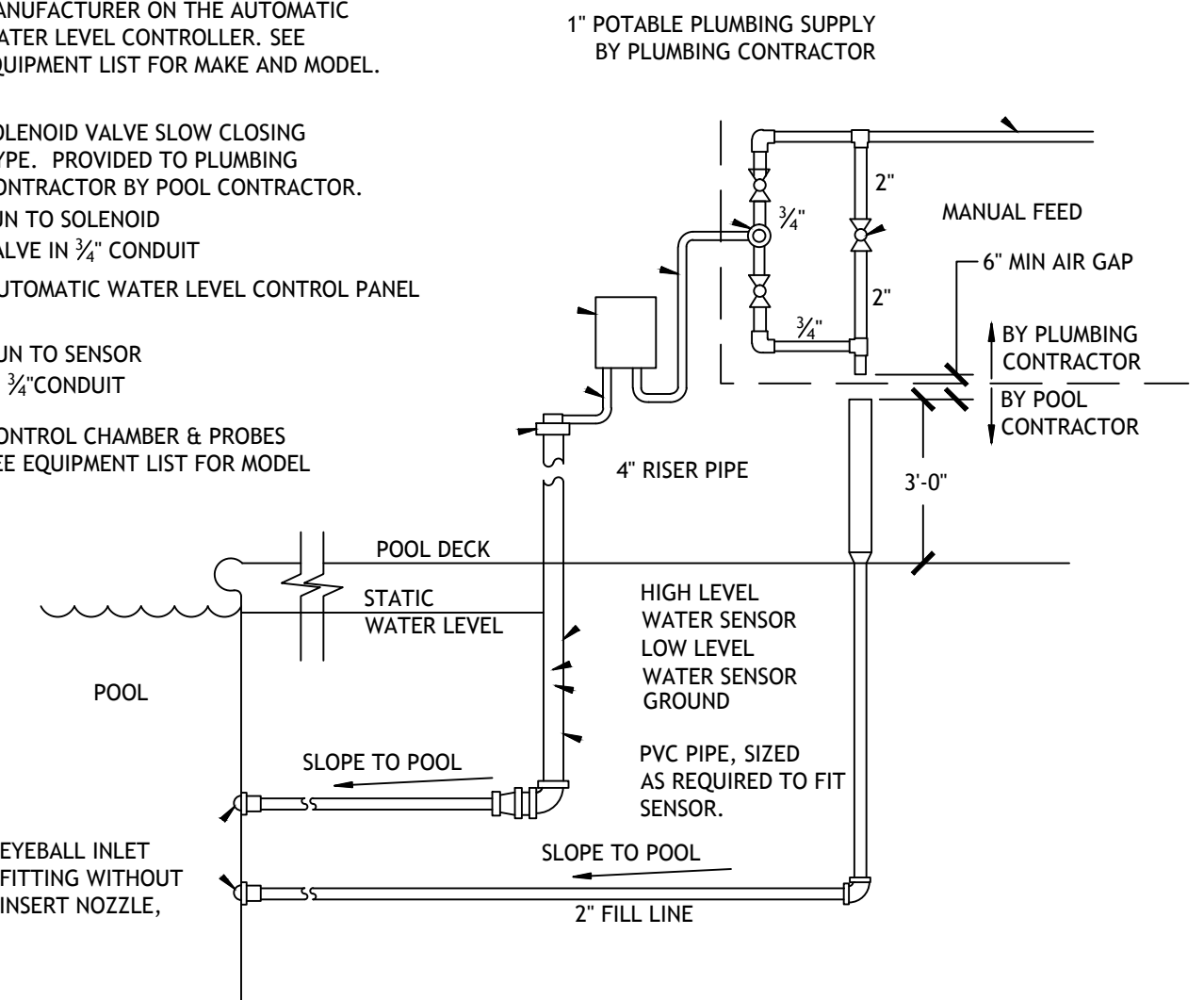
01 TYPICAL GROUNDING & BONDING DETAIL
PL-1.2 SCALE: NOT TO SCALE

NOTE:
ALSO REFER TO THE INSTALLATION AND OPERATION INSTRUCTIONS FROM THE MANUFACTURER ON THE AUTOMATIC WATER LEVEL CONTROLLER. SEE EQUIPMENT LIST FOR MAKE AND MODEL.

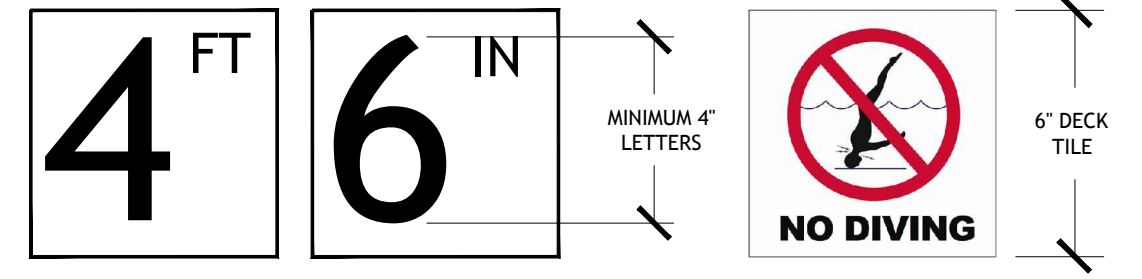
SOLENOID VALVE SLOW CLOSING TYPE. PROVIDED TO PLUMBING CONTRACTOR BY POOL CONTRACTOR. RUN TO SOLENOID VALVE IN 1/2\"/>

CONTROL CHAMBER & PROBES SEE EQUIPMENT LIST FOR MODEL

02 AUTOFILL DETAIL
PL-1.2 SCALE: NOT TO SCALE

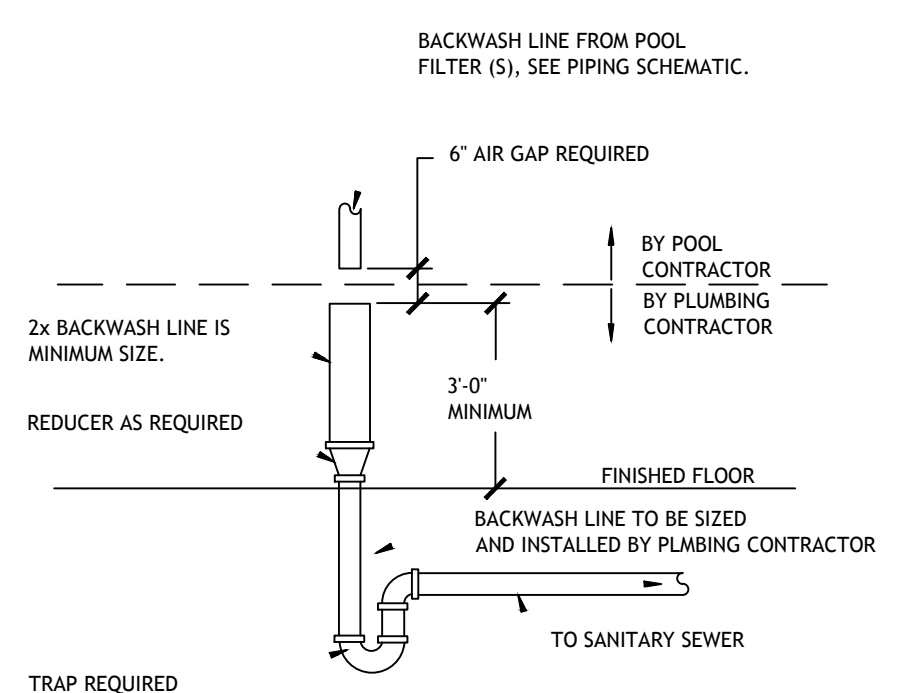


04 TRIM TILE DETAIL
PL-1.2 SCALE: NOT TO SCALE

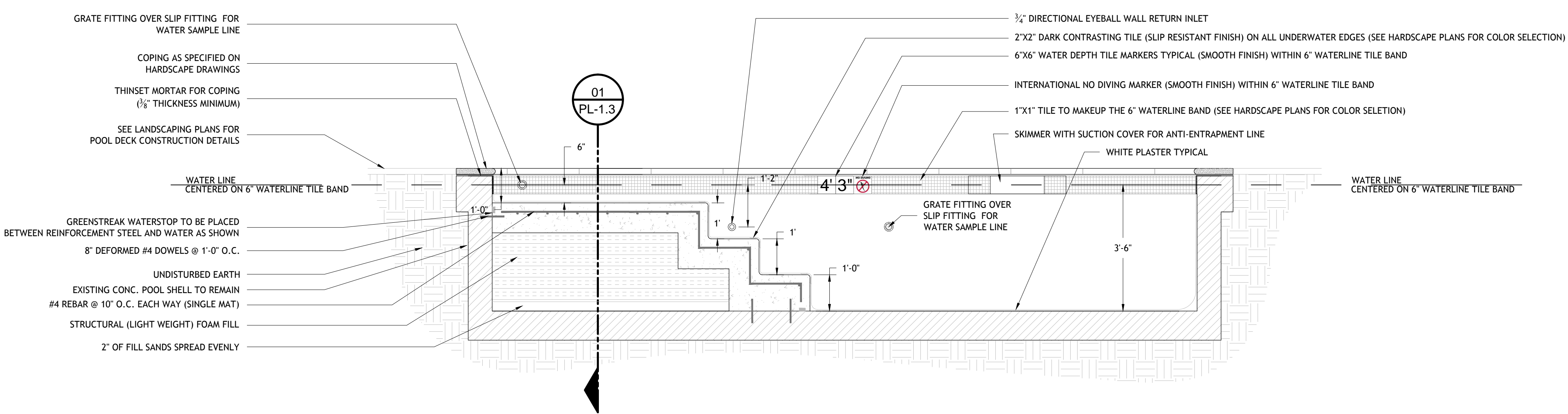


- DEPTH MARKERS
MARKER REQUIREMENTS:
- DEPTH MARKERS BOTH SHOWING FEET AND INCHES
 - NO DIVING SYMBOL MARKER WITH EACH DEPTH MARKER.
- NOTES:
- DEPTH MARKERS SHALL BE PLACED ON THE DECK WITH SPACING NOT TO EXCEED 25'-0", NO MORE THAN 2 FOOT OF CHANGE IN SLOPE, AND TO ALSO PLACE A CORRESPONDING DEPTH MARKER IN DUPLICATE ON THE POOL WALL.
 - DECK TILES TO BE WITHIN 18" OF THE POOL WATER SURFACE
 - DECK TILES TO BE POSITIONED TO BE READ WHILE STANDING ON THE DECK FACING THE WATER.
 - DEPTH MARKERS TO BE IN ENGLISH.
 - NUMERICAL COLOR OF LETTERING TO BE BLACK, ON WHITE BACKGROUND.
 - NO DIVING INTERNATIONAL SYMBOL MARKER TO BE PLACED AT EVERY LOCATION WHERE A DEPTH MARKER IS LOCATED.
 - ALL DECK DEPTH MARKERS & NO DIVING SYMBOLS ARE TO HAVE A SLIP RESISTANT FINISH TYPICAL.
 - POOL WALL DEPTH MARKERS & NO DIVING SYMBOLS ARE TO HAVE A SMOOTH FINISH.

03 TYPICAL DEPTH MARKER DETAIL
PL-1.2 SCALE: NOT TO SCALE



05 BACKWASH DETAIL
PL-1.2 SCALE: NOT TO SCALE



06 POOL CROSS SECTION
PL-1.2 SCALE: 1/2" = 1'-0"

APARTMENT HOMES BY TONTI

FOUR POINTS BY SHERATON
541 BOURBON STREET
NEW ORLEANS, LOUISIANA 70130

Copyright 2015 Rotolo Consultants Inc.
These drawings or parts thereof, may not be reproduced in any form, by any method, for any purpose, without prior written consent from Rotolo Consultants Inc.
Contact: Rod Rotolo 985-643-2427
Project No:

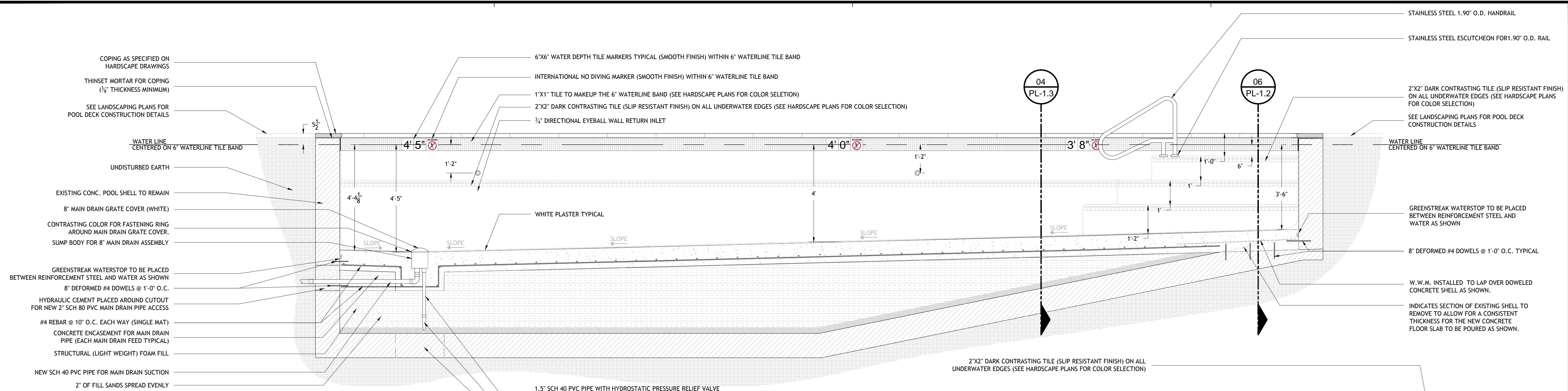
Revisions:		
No:	Date:	Description:

Date: 11/3/2015
Drawn: TJH
Checked: MR
Sheet Title:

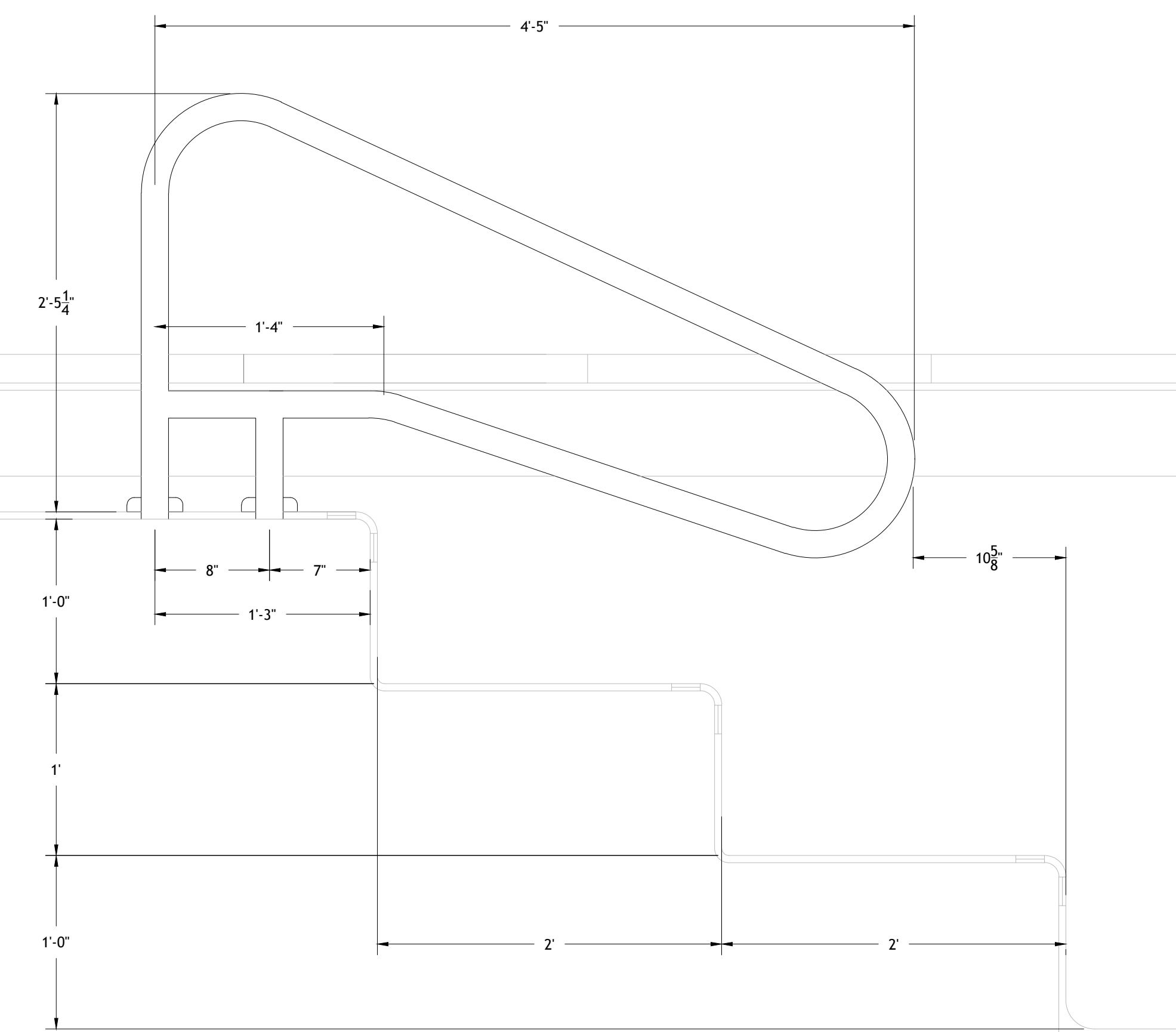
POOL SECTIONS & TYPICAL DETAILS

Drawing No.

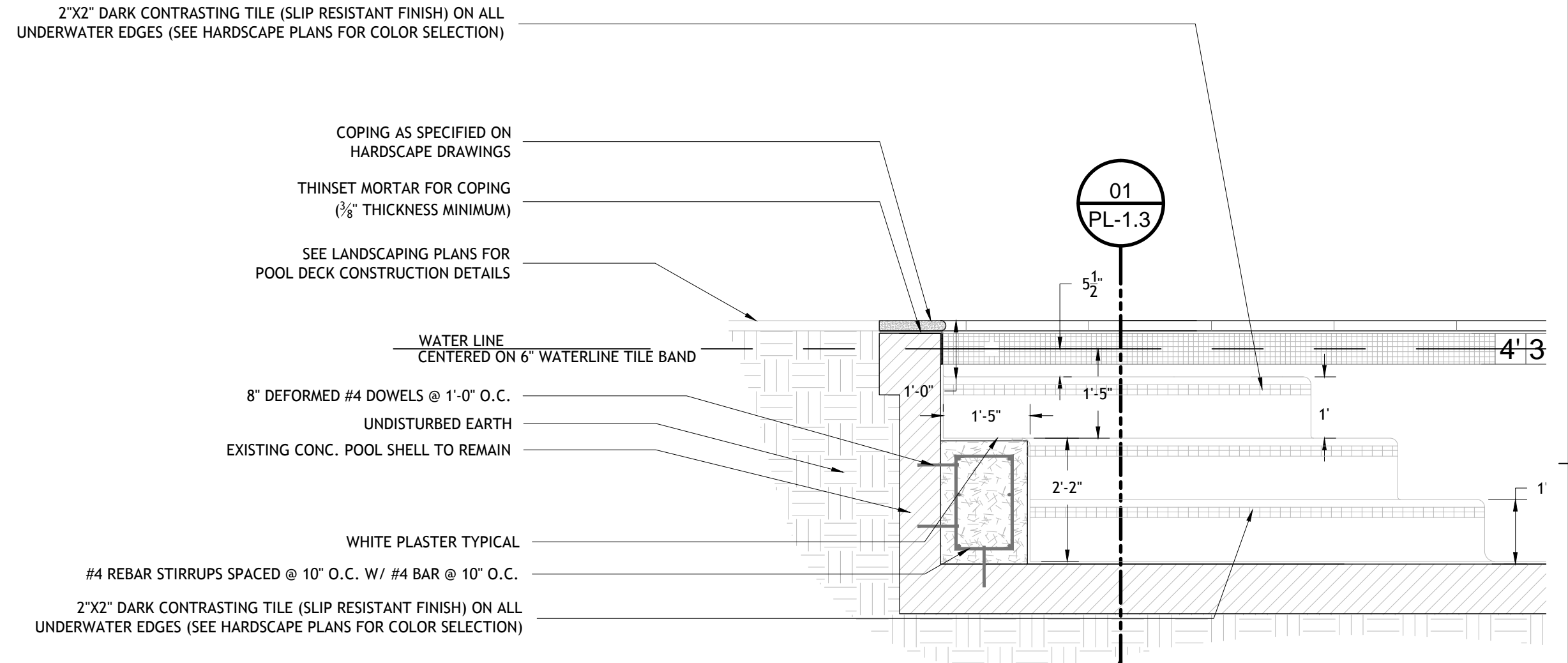
PL-1.2
4 of 6



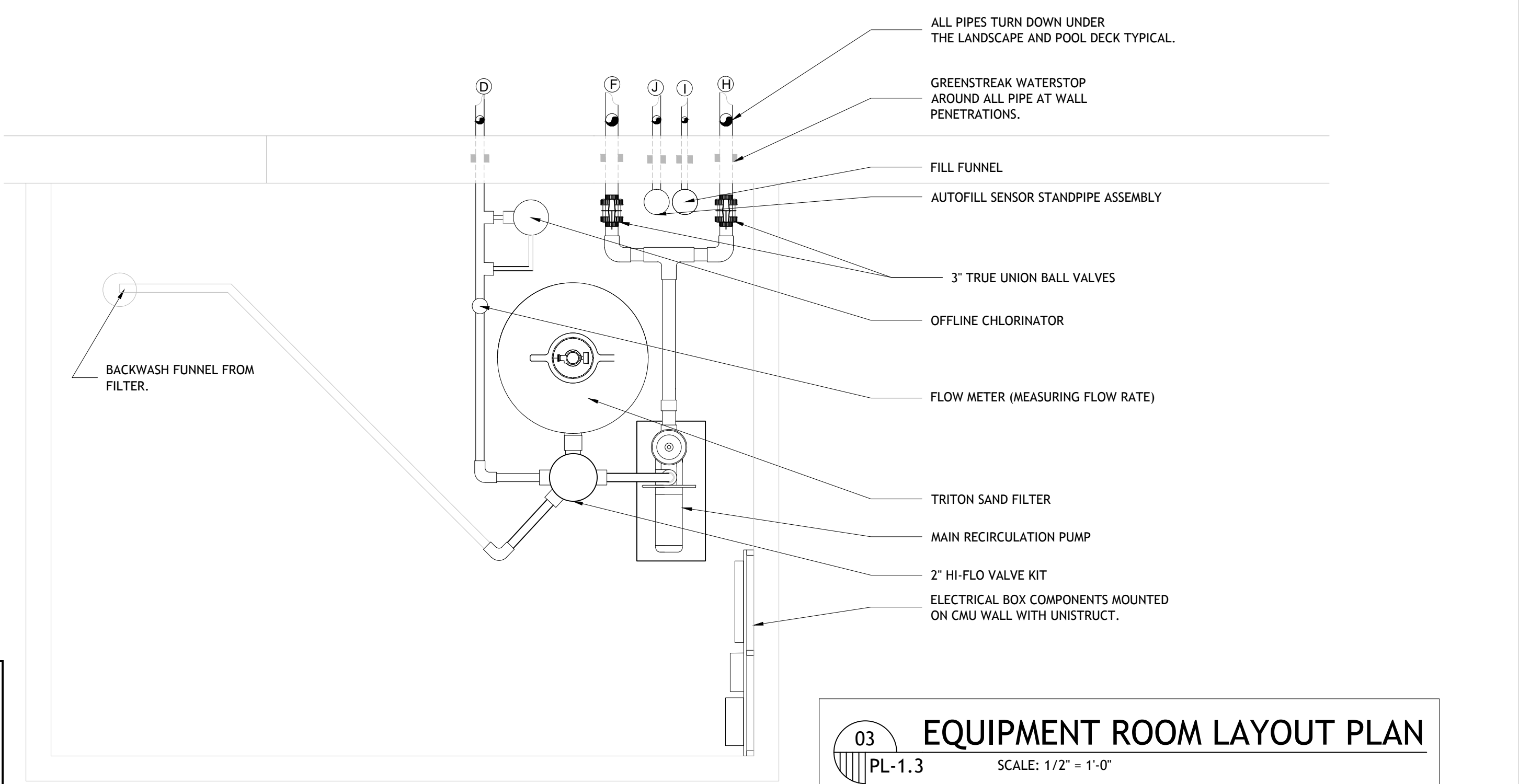
01 POOL SECTION
 PL-1.3 SCALE: 1/2" = 1'-0"



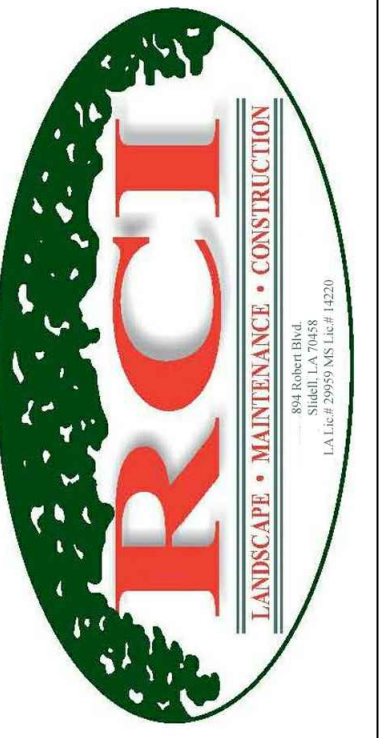
02 HAND RAIL DETAIL
 PL-1.3 SCALE: 1-1/2" = 1'-0"



04 SECTION OF SEAT BENCH
 PL-1.3 SCALE: 1/2" = 1'-0"



03 EQUIPMENT ROOM LAYOUT PLAN
 PL-1.3 SCALE: 1/2" = 1'-0"



894 ROBERT BOULEVARD
 SLIDELL, LOUISIANA 70458
 PH: 985-643-2427
 FAX: 985-643-2691
 ROTOLO@ROTOLOCONSULTANTS.COM

APARTMENT HOMES BY TONTI
 FOUR POINTS BY SHERATON
 541 BOURBON STREET
 NEW ORLEANS, LOUISIANA 70130

Copyright 2015 Rotolo Consultants Inc.
 These drawings or parts thereof, may not be reproduced in any form, by any method, for any purpose, without prior written consent from Rotolo Consultants Inc.
 Contact: Rod Rotolo 985-643-2427
 Project No:

Revisions:		
No:	Date:	Description:

Date: 11/3/2015
 Drawn: TJH
 Checked: MR

Sheet Title:
POOL SECTIONS & TYPICAL DETAILS

Drawing No.

PL-1.3
 Sheet No.
 5 of 6

