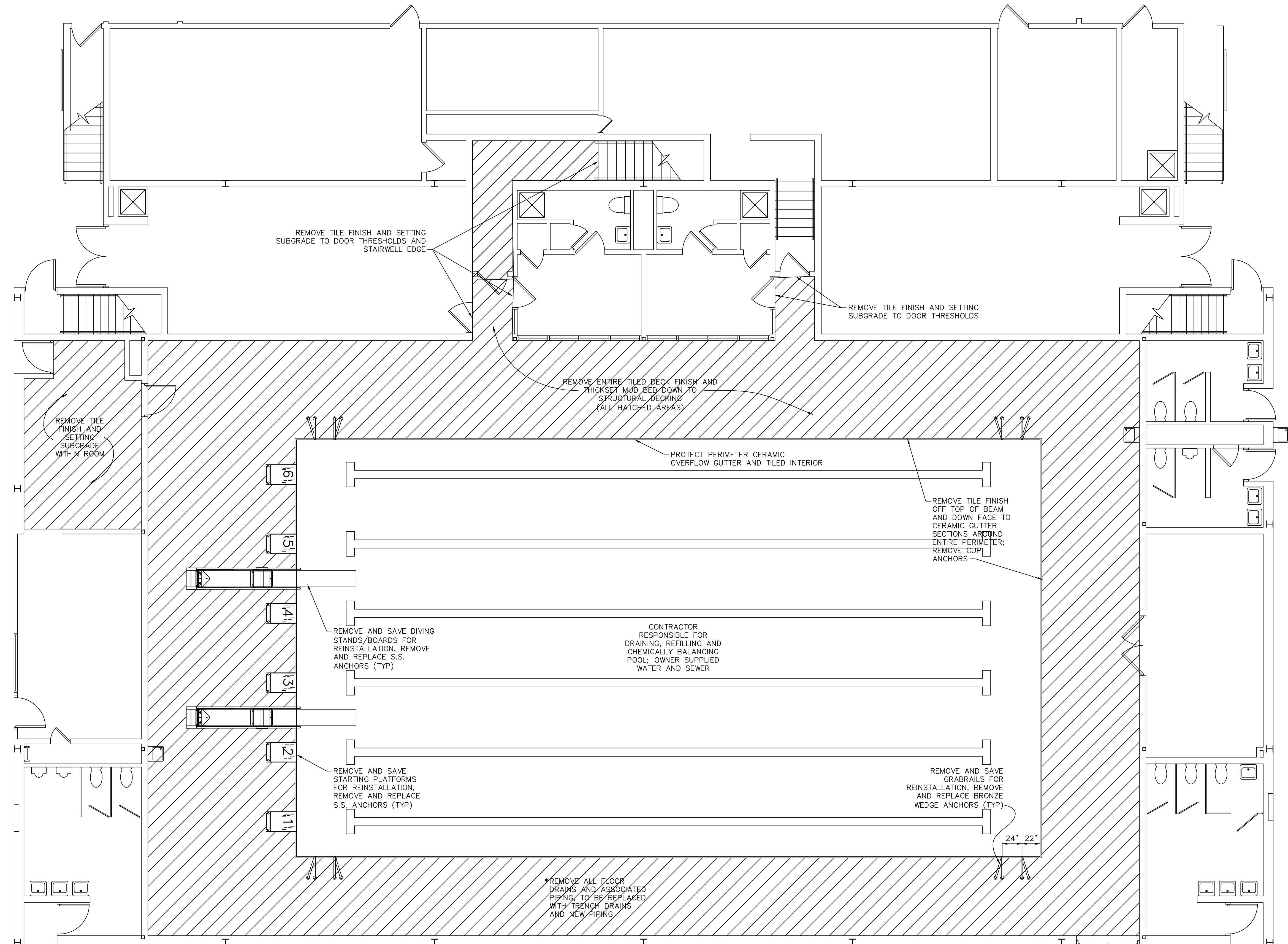
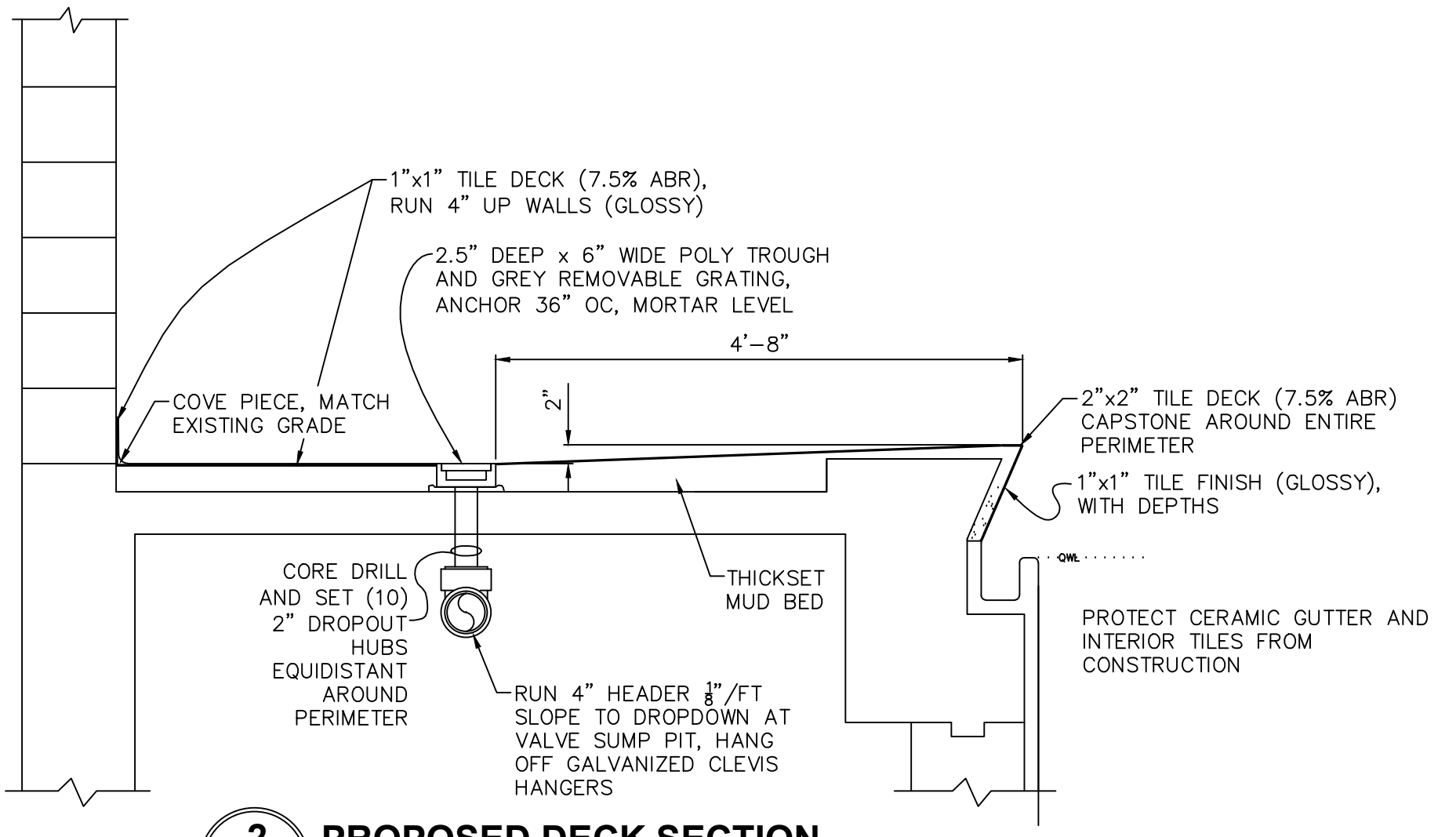


1 EXISTING POOL WALL SECTION
 AQ-1 SCALE: 1/12" = 1'-0" DEMO NOTES

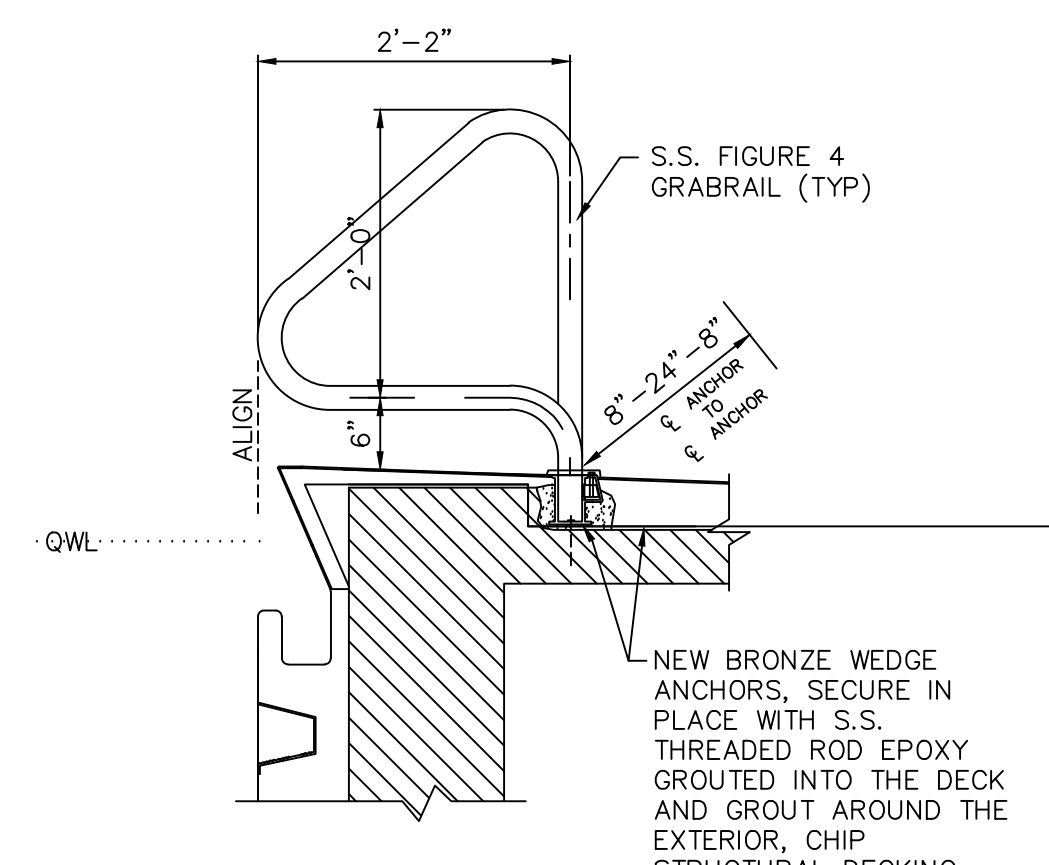


3 EXISTING NATATORIUM LAYOUT
 AQ-1 SCALE: 3/16" = 1'-0" AND DEMO NOTES



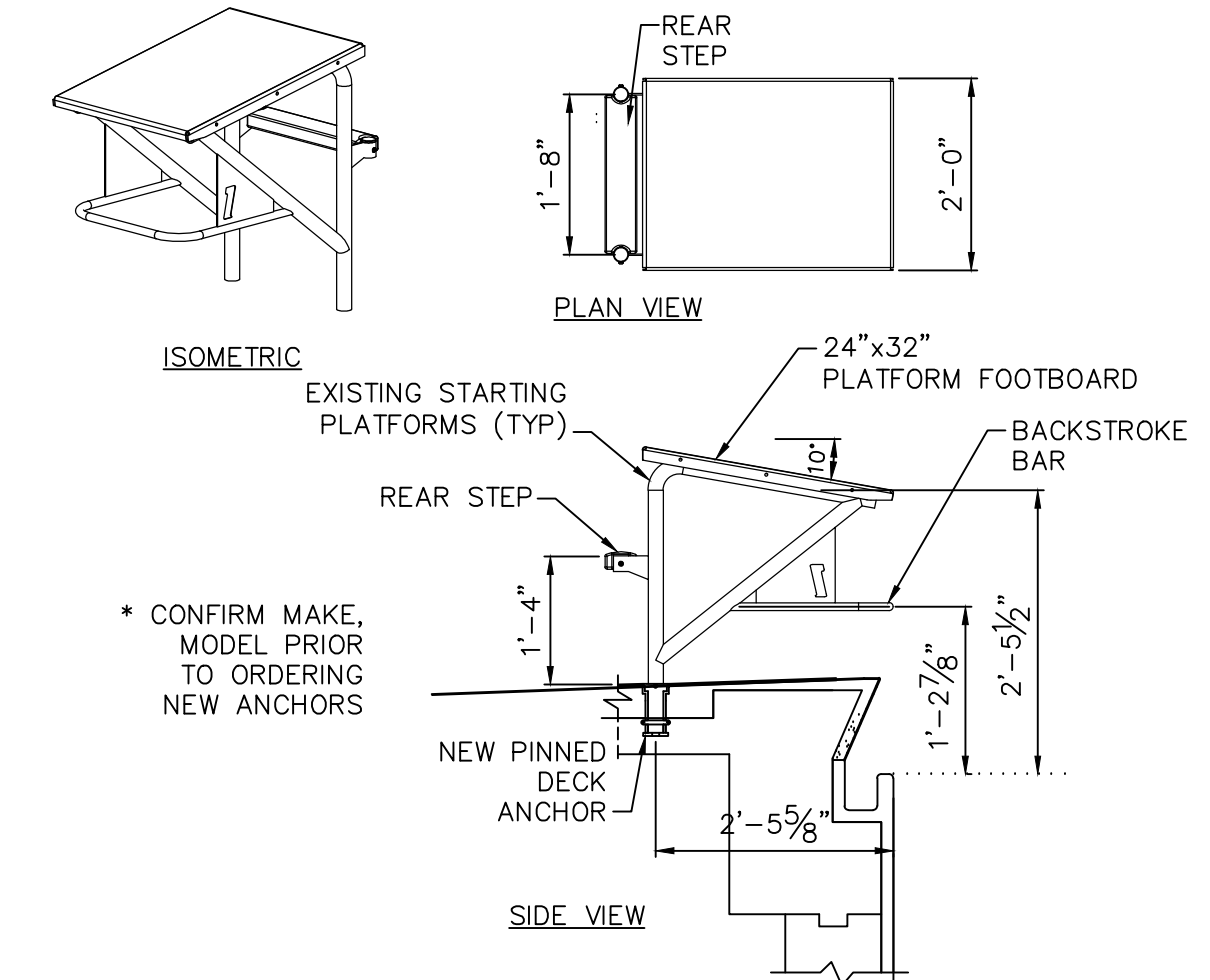
2 PROPOSED DECK SECTION
 AQ-1 SCALE: 3/4" = 1'-0"

NOTES:
 1. ALL DRAINAGE PIPING TO BE SCH 40 PVC.

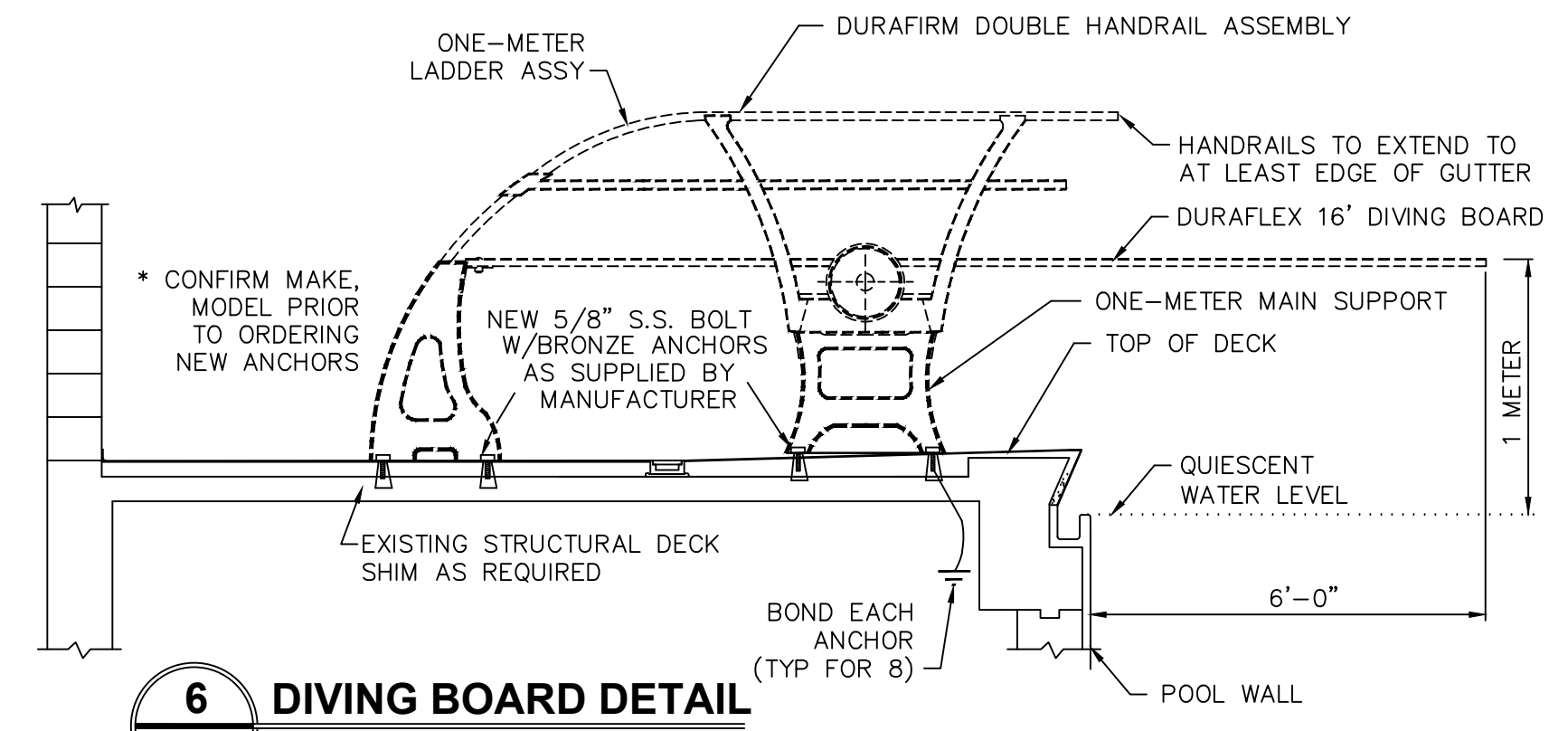


4 RECESSED STEP/GRABRAIL DETAIL
 AQ-1 SCALE: 1/2" = 1'-0"

NOTES:
 1. ALIGN STEPS SQUARE TO POOL WALL FACE.
 2. BOND ANCHORS TO POOL BOND LOOP.
 3. TREADS TO BE 5" OR GREATER FRONT TO BACK AND 14" WIDE OR GREATER LEFT TO RIGHT

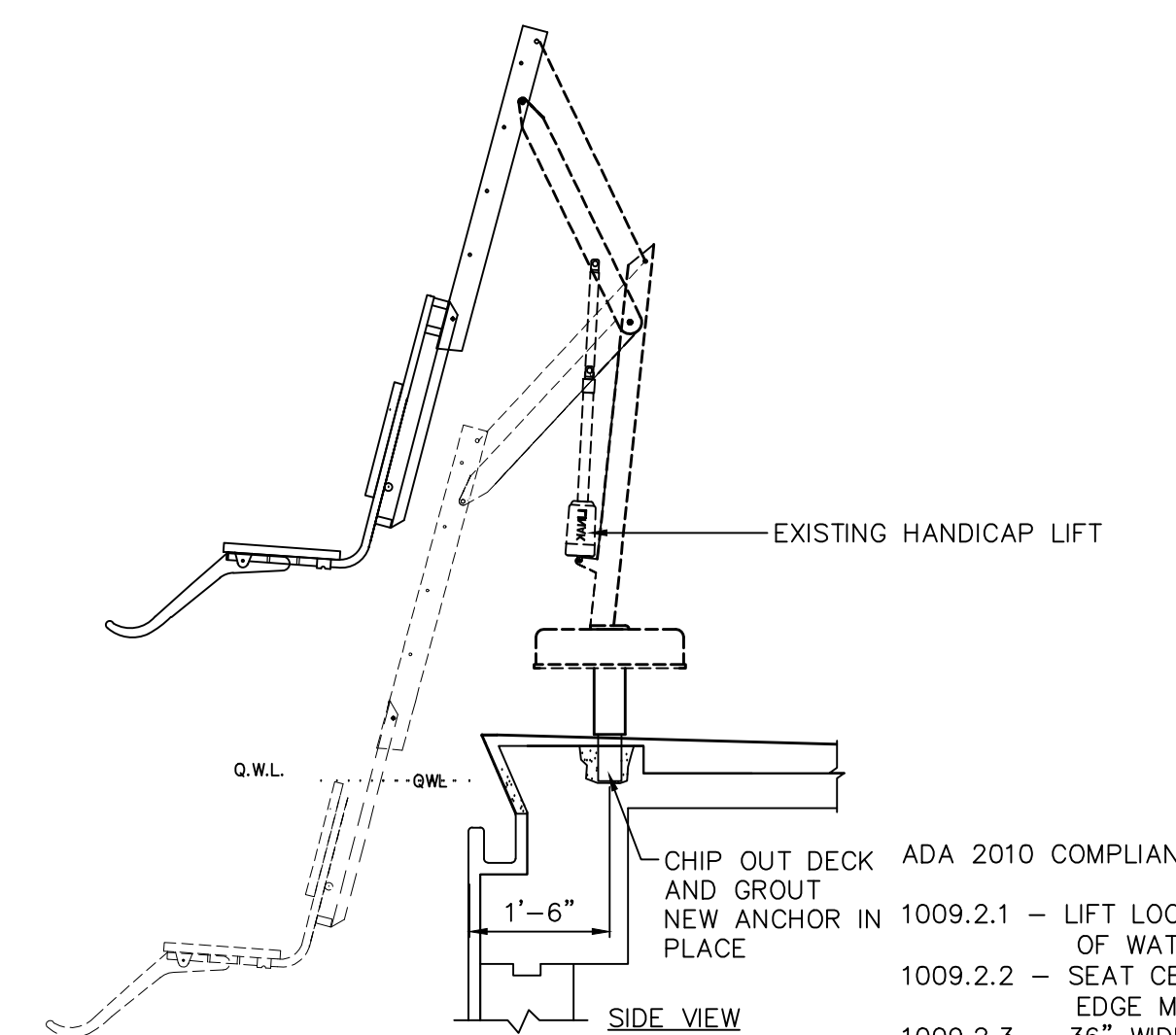


5 STARTING PLATFORM DETAIL
 AQ-1 SCALE: 1/2" = 1'-0"



6 DIVING BOARD DETAIL
 AQ-1 SCALE: 3/8" = 1'-0"

NOTES:
 1. OBTAIN CERTIFIED MOUNTING DIMENSIONS FROM MANUFACTURER BEFORE LAYING OUT.
 2. OR INSTALLING ANCHORS. USE TEMPLATE SUPPLIED BY MANUFACTURER.
 3. CONTRACTOR SHALL TAKE OWN MEASUREMENTS FOR BOARD HEIGHT BEFORE ORDERING STAND.
 4. MAINTAIN BONDING CONTINUITY FROM BOARD TO STAND TO SYSTEM BOND
 5. SHIM UNDER SUPPORTS AS REQUIRED TO LEVEL BOARDS.
 6. USE MANUFACTURER APPROVED SHIMS.
 7. HEIGHT MEASUREMENTS ABOVE WATER SHALL BE TAKEN WHEN THE POOL WATER IS LEVEL WITH TOP OF FRONT GUTTER LIP.



7 HANDICAP LIFT DETAIL
 AQ-1 SCALE: 1/2" = 1'-0"

NOTES:
 1. ADA'10 COMPLIANT BATTERY POWERED, PERMANENT HANDICAP LIFT

NO.	DATE	DESCRIPTION
A	05/26/2017	For Bid

REVISIONS

SCALE: AS NOTED	SCALE: INTEGRATED AQUATICS ENGINEERING CORP.
DESIGNED BY: BTH	
DRAWN BY: BTH	
CHECKED BY: PCA	

PA CERTIFICATE NO. PETER ANDERSON, P.E., PE-025269-E

Deck Replacement to the INDOOR COMPETITION POOL
Central Bucks EAST HIGH SCHOOL
 2804 Holicong Rd.
 Doylestown, PA 18902

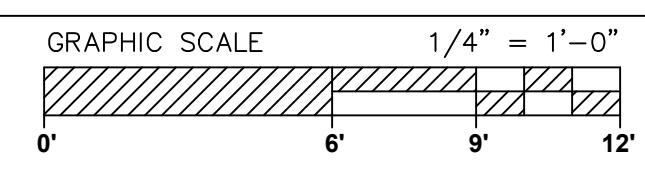
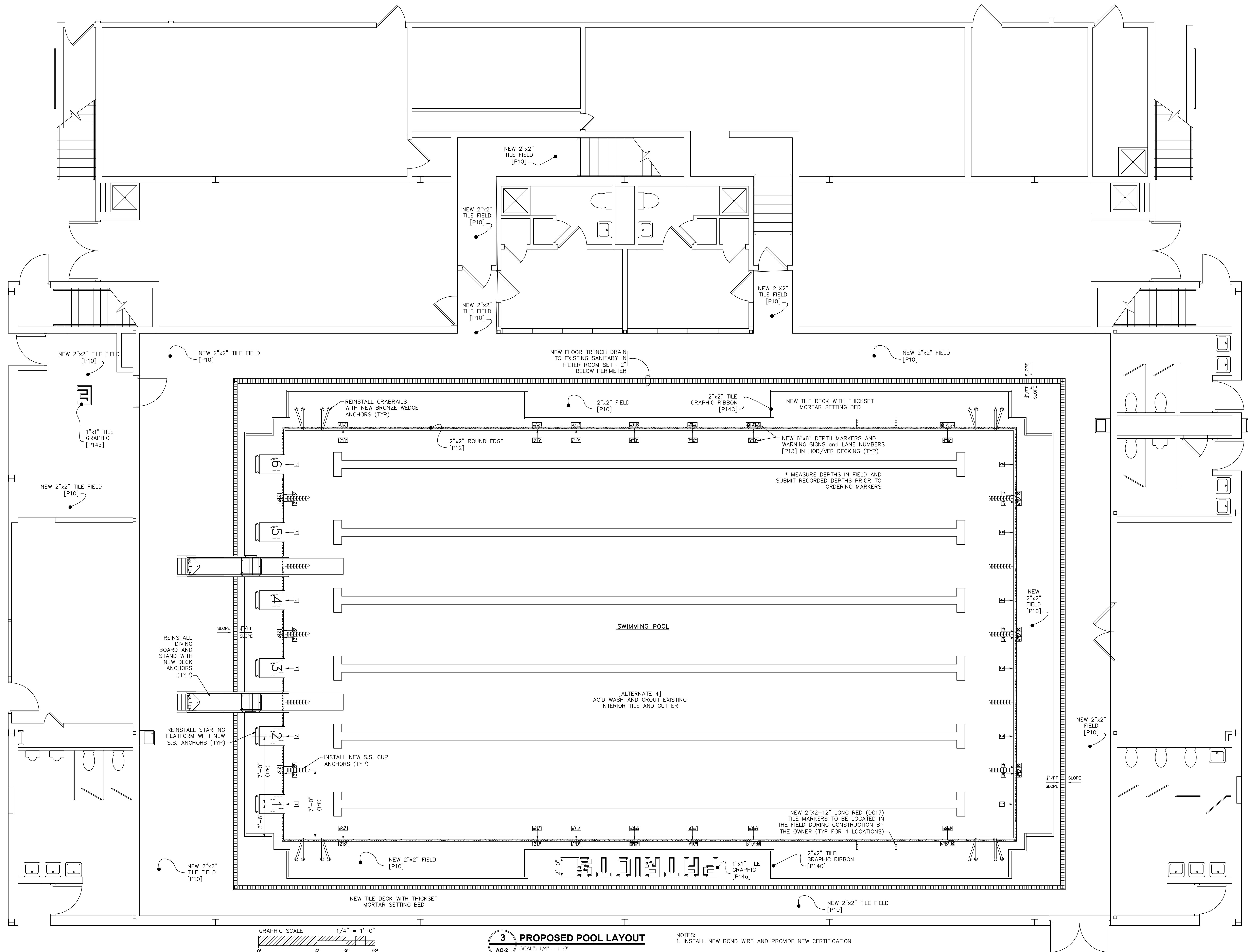
PROJECT NUMBER:
866-16-PA

DATE:
May 26, 2017

DRAWING TITLE:
PROPOSED DETAILS AND DEMO NOTES

DRAWING NUMBER:
AQ-1

REVISION:
A



3 PROPOSED POOL LAYOUT
 AQ-2 SCALE: 1/4" = 1'-0"

NOTES:
 1. INSTALL NEW BOND WIRE AND PROVIDE NEW CERTIFICATION

NO.	DATE	DESCRIPTION
A	05/26/2017	For Bid

REVISIONS	
SCALE: AS NOTED	SEAL: INTEGRATED AQUATICS ENGINEERING CORP.
DESIGNED BY: BTH	
DRAWN BY: BTH	
CHECKED BY: PCA	
PROJECT:	

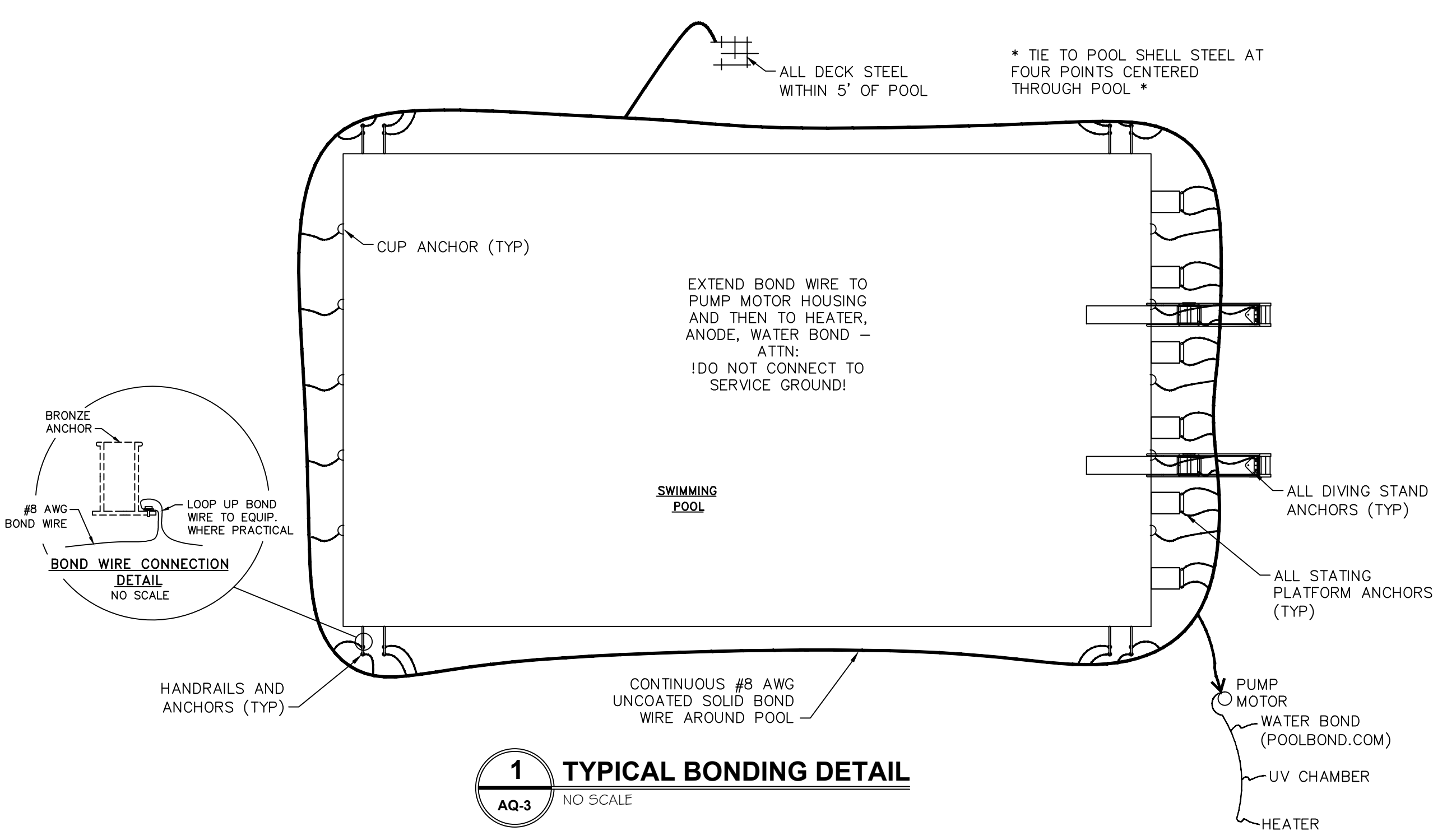
Deck Replacement to the INDOOR COMPETITION POOL
Central Bucks EAST HIGH SCHOOL
 2804 Holicon Rd.
 Doylestown, PA 18902

PROJECT NUMBER:
866-16-PA

DATE:
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DRAWING TITLE:
PROPOSED DECK LAYOUT

DRAWING NUMBER: AQ-2	REVISION: A
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1 TYPICAL BONDING DETAIL
 AQ-3 NO SCALE

- NOTES:
1. INSTALL PER CURRENT EDITION OF NEC, SECTION 680 REQUIREMENTS
 2. USE #8 COATED TAILS OFF BOND LOOP TO EQUIPMENT AND STEEL NOT IMMEDIATELY ADJACENT TO BOND LOOP
 3. PROVIDE A 'CERTIFICATE OF COMPLIANCE' PER NEC REQUIREMENTS TO THE DOH AND OWNER PRIOR TO INSTALLATION OF CONCRETE DECK.

INDOOR POOL IN-POOL and DECK EQUIPMENT

Mark	QTY.	CAT. NO.	LABEL	DESCRIPTION
P-1	32x2 Loc's	IN-LAYS CCT/C60010XX	DEPTH/WARN MARKERS	CERAMIC 4" NAVY NUMERALS ON GRAY BACKGROUND, SLIP RESISTANT HOR. DECK GLOSSY VERT.
P-2	4 Pair	EXISTING	GRAB RAILS	1.9"OD x 0.065" WALL THICKNESS T304 S.S. W/ ESCUTCHEONS, 26" SETBACK
P-3	16	PERMACAST PS4015B	SOCKET ANCHORS	4" CAST BRONZE WEDGE BODY, S.S. HARDWARE, CONNECT TO BOND LOOP, PROVIDE S.S. ESCUTCHEON FOR EACH
P-4	1	EXISTING, NEW ANCHOR	HANDICAP LIFT	MOTIN TREK SERIES, USER OPERATED, ADA '10 COMPL., BATTERY, S.S. ANCHOR PLATE
P-5	4	EXISTING, NEW ANCHOR	BACKSTROKE STANCHIONS	1.9" O.D. x 0.145" WALL, S.S. 304 (8") W/ ANCHOR SPECTRUM 24060
P-6	6	EXISTING, NEW ANCHOR	STARTING PLATFORMS	SPECTRUM STARTLINE SERIES, 32"x24" NON-SLIP COATED, S.S. TUBING, 2-POST ANCHOR W/ CAPS
P-7	10	PERMACAST P182-3	LANE DIVIDERS ANCHORS	CHROME PLATED BRONZE CUP ANCHORS
P-8	2	EXISTING, NEW ANCHOR	1-METER DIVING BOARD	DURAFIRM 1-METER STAND, EPOXY COATED ALUMINUM, DUAL HANDRAIL, 16" DURAFLEX EXTR. ALUM BOARD 66231326
P-9	261 Lin. Ft.	PRECAST SERIES 500	DECK TRENCH DRAINS	2.5" DEEP x 6" WIDE POLY TROUGH AND GREY REMOVABLE GRATING, ANCHOR 36" OC, 10 2" DROPOUT HUBS

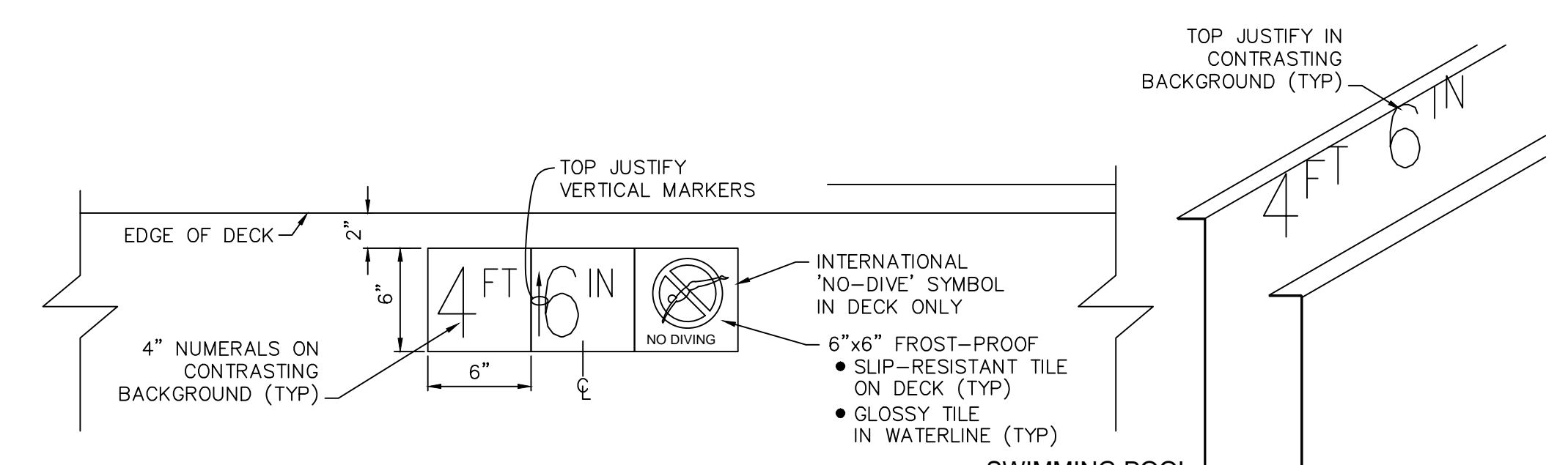
IN-POOL FINISH SCHEDULE

MARK	QTY.	CAT. NO.	LABEL	SERIES	COLOR	DESCRIPTION
P-10	As Req'd	DAL-TILE D208	DECK FIELD	KEYSTONE	SUEDE GRAY SPECKLE	2"x2", 7.5% ABRASIVE, GLOSSY UP WALLS
P-11	As Req'd	DAL-TILE D209	GUTTER FACE	KEYSTONE	NAVY SPECKLE	2"x2" GLOSSY
P-12	As Req'd	DAL-TILE D209	DECK EDGE AT GUTTER	KEYSTONE	NAVY SPECKLE	2"x2", 7.5% ABRASIVE, 1/4" ROUND EDGE
P-13	32x2	IN-LAYS CCT/C60010XX	DEPTH MARKER, START #S	NUMBER	NAVY ON GRAY	6"x6" GRAY TILE WITH 4" NAVY NUMERAL
P-14a	1	DAL-TILE D189/D017	GRAPHICS (ALTERNATE 1)	KEYSTONE	NAVY W/ RED OUTLINE	1'x1" ABRASIVE PATRIOTS
P-14b	1	DAL-TILE D189/D017	GRAPHICS (ALTERNATE 2)	KEYSTONE	NAVY W/ RED OUTLINE	1'x1" ABRASIVE 'E'
P-14c	As Req'd	DAL-TILE D189/D017	GRAPHICS (ALTERNATE 3)	KEYSTONE	NAVY W/ RED OUTLINE	2"x2" ABRASIVE DUAL RIBBON
P-15	As Req'd	MAPEI GROUT	GROUT	COLOR	CHARCOAL #47	DECK GROUT

INDOOR POOL GENERAL EQUIPMENT SCHEDULE

Mark	Qty.	CAT. NO.	LABEL	DESCRIPTION
P-16	As Req'd	ESLON SCH 40 PVC	TRENCH DRAIN PIPING	ALL PIPING TO BE SCH. 40 PVC

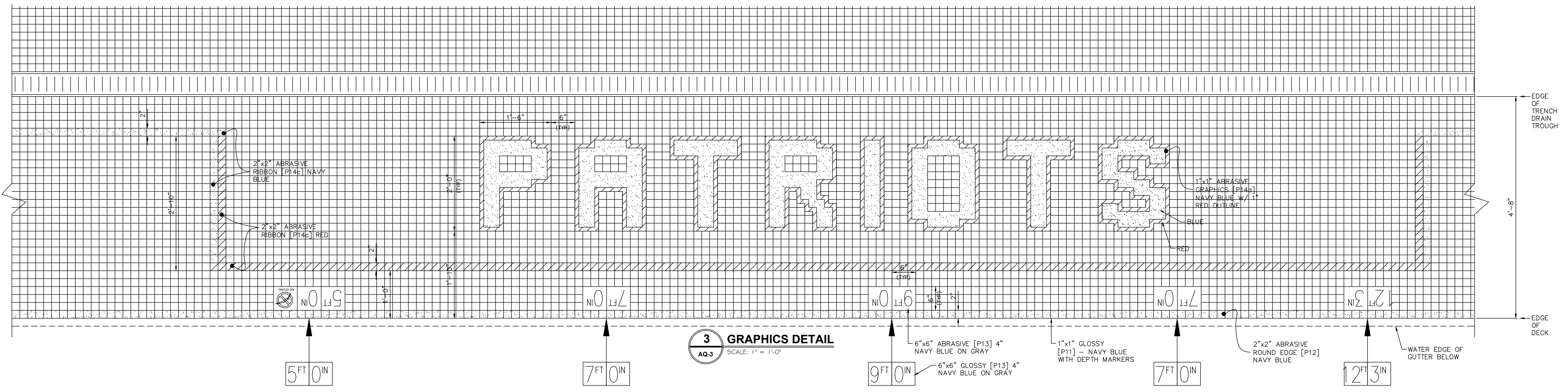
TAG ALL VALVES AND POST LAMINATED VALVE CHART IN FILTER ROOM
 LAST P ITEM NOTED



2 DEPTH MARKER DETAIL
 AQ-3 SCALE: 1-1/2" = 1'-0"

- NOTES:
1. GROUT DEPTH MARKERS INTO DECK TILE FIELD
 2. INSTALL GLAZED TILE VERTICAL DEPTH MARKERS IN DECK EXPOSED VERTICAL FACE TO CORRESPOND TO DECK MARKERS
 3. ALL MARKERS SHALL BE SLIP RESISTANT WHERE SET IN DECK
 4. DEPTH TO BE MEASURED FROM WATER LEVEL TO FLOOR A DISTANCE OF THREE FEET OFF WALL
 5. DEPTHS (AND DEPTH MARKERS) SHALL BE WITHIN 1/2"±

QTY.	MARKER
6x2	1,2,3,4,5,6
5x5h	4'-6"
2x2h	5'-0"
2x2h	7'-0"
2x2h	9'-0"
2x2h	11'-0"
2x2h	12'-3"
5x5h	12'-0"
7h	No Diving



3 GRAPHICS DETAIL
 AQ-3 SCALE: 1" = 1'-0"

NO.	DATE	DESCRIPTION
A	05/26/2017	For Bid

REVISIONS

AS NOTED

DESIGNED BY: BTH

DRAWN BY: BTH

CHECKED BY: PCA

SEAL: INTEGRATED AQUATICS ENGINEERING CORP.

PA CERTIFICATE NO. PETER ANDERSON-PE-PC-025289-E

PROJECT:

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PROJECT NUMBER:

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May 26, 2017

DRAWING TITLE:

PROPOSED POOL LAYOUT AND DETAILS

DRAWING NUMBER: **AQ-3**

REVISION: **A**