

ADDENDUM NO. 5**DATE: 07/27/2023**

DARDEN PROJECT NO. 2180
DSA Application Number 02-120251

PROJECT:

Mission Oak HS Aquatic Complex
3442 E Bardsley Ave, Tulare, CA 93274
Bid No 2301

OWNER:

Tulare Joint Union High School District
426 N Blackstone St,
Tulare, CA 93274

ARCHITECT:

DARDEN ARCHITECTS, INC.
Attention: Fred Messias
6790 N. West Avenue
Fresno, California 93711
T. (559) 448-8051
F. (559) 446-1765

CONSTRUCTION MANAGER

CM Construction Services
Attention: Chris Hale
P.O. BOX 6237
Visalia, CA 93290
T. (559) 735-9556
M. (669) 804-6685

BID QUESTIONS

NON-MANDATORY JOB WALK
BID QUESTIONS, Submit By
BID OPENING DATE

Chris Hale

chris@cmconstructionservices.com

08/08/2023 3:30 PM
08/22/2023 2:00 PM
08/31/2023 Before 2:00 PM

It will be the responsibility of the General Contractor to submit the information contained in this addendum to all its subcontractors and suppliers. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

The following additions, deletions, and revisions to the SHEETS and Project Manual are hereby made and do become a part of these Contract Documents.

GENERAL NOTE: ADDENDA NOS. 1 THRU 4 HAVE BEEN REMOVED FROM THIS PROJECT.

INDEX OF ADDENDA TRANSMITTED HEREWITH

ATTACHMENTS:

DOCUMENTS OR SPECIFICATIONS:

01 32 16 CONSTRUCTION SCHEDULES, Normal Weather Conditions..... 1 page
Reviewed Myrtha Pools Shop Drawings 12 sheets
Sample Scoreboard Shop Drawings 5 sheets

PROJECT MANUAL:

BIDDING AND CONTRACT REQUIREMENTS:

CHANGES TO PROCUREMENT REQUIREMENTS:

- AD5-CPR01 FOR REFERENCE ONLY - The following items are made available for review to Bidders in the PLAN ROOM and are NOT attached herein:**
1. GEOTECHNICAL REPORT_05-17-2022.
 2. GEOTECHNICAL REPORT_11-08-2022.
 3. STORM WATER POLLUTION PREVENTION PLAN (SWPPP). The SWPPP permit will be obtained and provided to the contractor before the start of construction.

SPECIFICATIONS:

CHANGES TO SPECIFICATIONS:

- AD5-SP01 Refer to Specification Section 01 32 16.01 - CONSTRUCTION SCHEDULES**
1. Omit the Meteorological Data for Fresno, California.
 2. Replace it with the attached Normal Weather Conditions, indicated with AD5 in the upper right-hand corner.
- AD5-SP02 Refer to Specification Section 01 32 26 - FORMS AND REPORTS**
1. CM Construction Services is the Project Manager for this project.
 2. CM Construction Services will utilize "Procore" on-line construction management portal. The Contractor shall use "Procore" for entering all project data and forms. A set of licenses will be issued to the contractor for the duration of this project.

AD5-SP03 Refer to Specification Section 31 20 00 - EARTHWORK

1. The Geotechnical Reports made available per item AD5-CPR01 are to be used for information Only. The EARTHWORK Specification shall be used, and the Geotechnical Reports shall be used when clarifications are required. If there is a conflict between the specification and these attachments, the greater amount of work shall take precedence.
2. For clarification, refer to Article 3.3, A, 4. The upper 5 feet of the earth shall be over-excavated, processed, and used as engineered fill.
3. All "suitable" excavated materials and clean spoils shall be placed on the west side of the property and rough graded. The district would like to keep all clean and suitable soils.

CHANGES TO DRAWINGS:

FOR CONTRACTOR REFERENCE AND COORDINATION ONLY:

AD5-PD01 Refer to the Attached Myrtha Shop Drawings

1. Reviewed Myrtha Shop Drawings for the 50-Meter and Learning Pools, for reference and coordination purposes.

AD5-PD02 Refer to the Attached Sample Scoreboard Shop Drawings

1. Sample Scoreboard Shop Drawings, for reference and coordination purposes.

END OF ADDENDUM NO. 5

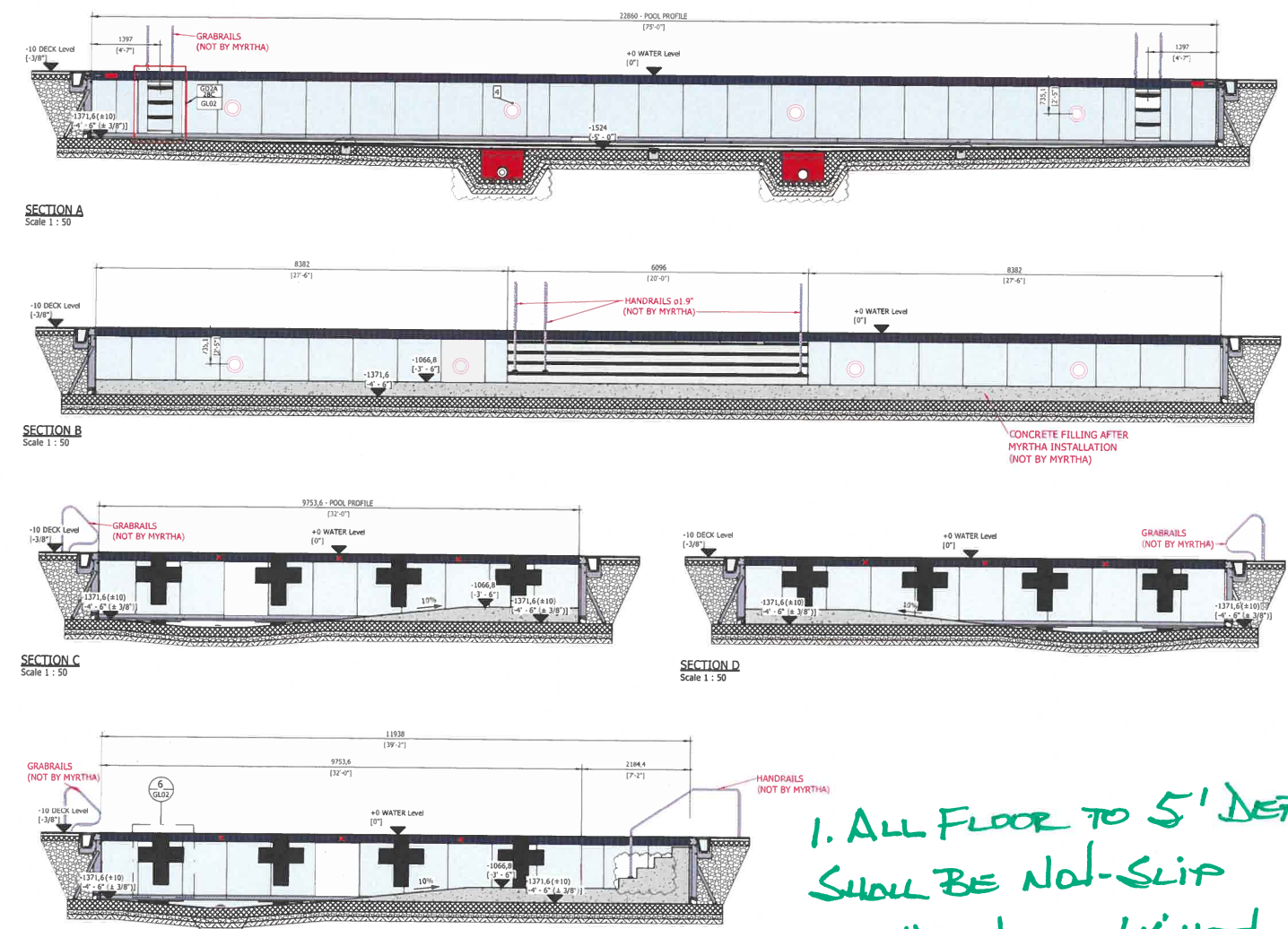
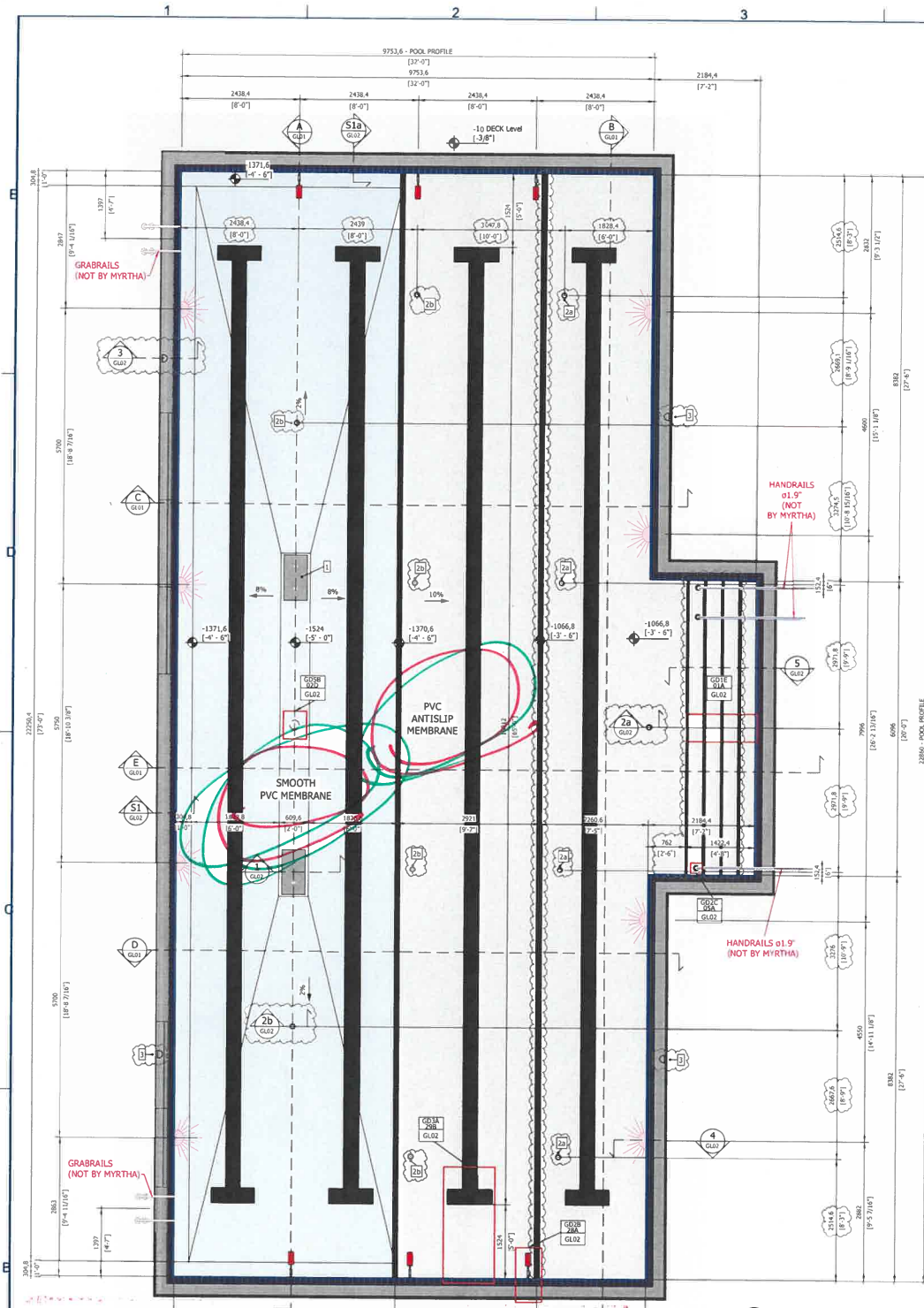
Normal Weather Conditions

Normal Weather Conditions: Weather conditions which are normal for the location of the Project, according to the U.S. Weather Bureau Records. The Contractor shall reasonably anticipate that normal weather conditions will be encountered, which based on the weather data from the Western Regional Climate Center, National Weather Service, for Hanford, California, average precipitation days per month are as follows:

January	5 days
February	5 days
March	4 days
April	2 days
May	1 day
June	0 days
July	0 days
August	0 days
September	0 days
October	1 day
November	3 days
December	4 days
Total:	25 days/year

Final determination of the final impact of adverse weather may be deferred to the conclusion of the Work. Extensions of time may be requested for any month of construction for days lost, which affect the critical path of construction, due to adverse weather in excess of the normal weather conditions, as defined above. If adverse weather conditions are the basis for a Claim for additional time, such Claim shall be documented by data substantiating days claimed and the impact on the critical path of construction.

The Contractor will not be granted time extensions for weather conditions which are normal for the Project location.



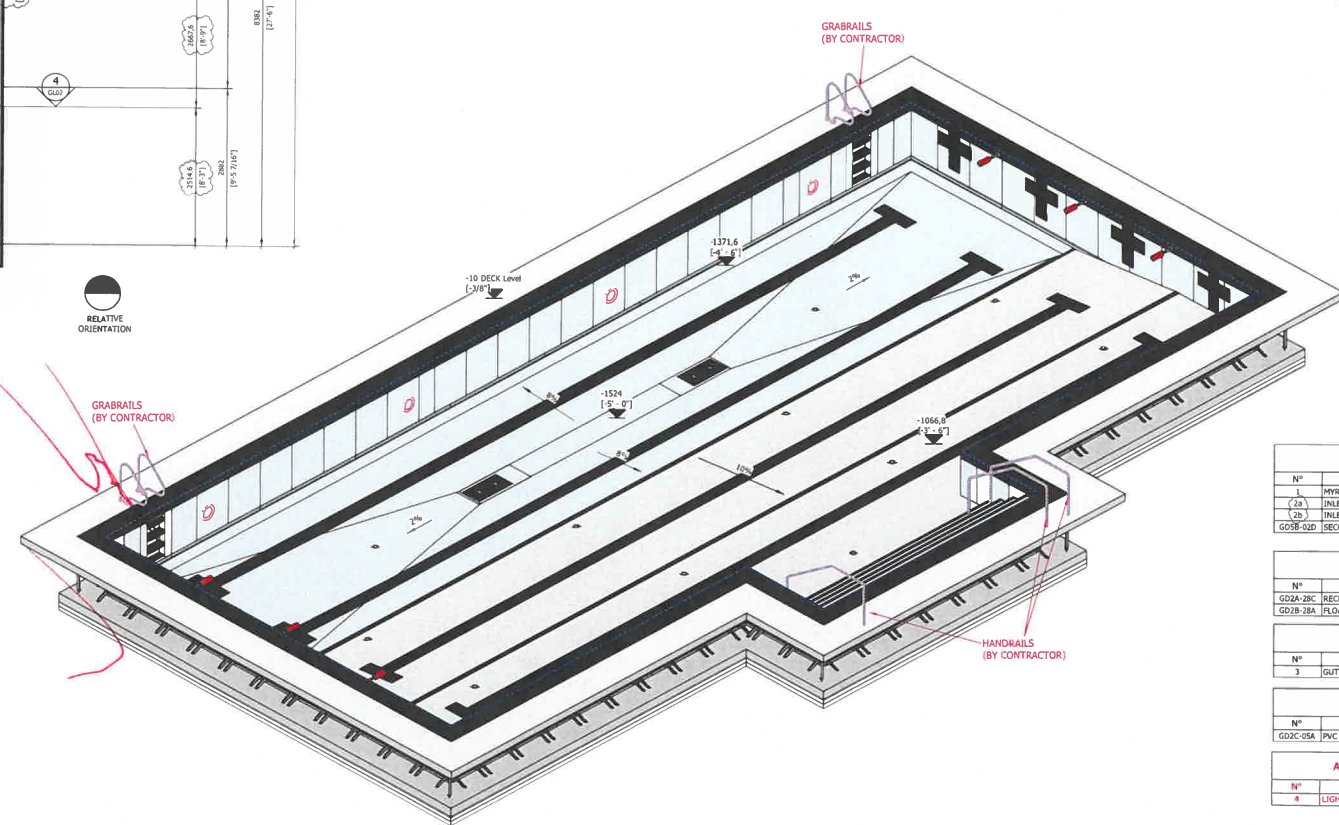
1. ALL FLOOR TO 5' NETH SHALL BE NON-SLIP
 2. UNDERWATER LIGHT & NICHE SPECIFIED IS J+J

AQUATIC DESIGN GROUP

REVIEWED REVISE & RESUBMIT
 FURNISH AS CORRECTED REJECTED
 RECEIVED FOR RECORD RETURNED WITHOUT REVIEW

This review is for general conformance only with design intent and general compliance with the information given in the Contract Documents. Conditions or comments made during this review do not relieve contractor from compliance with all requirements of the Contract Documents. Contractor is responsible for: dimensions to be confirmed and coordinated at the jobsite; information that pertains to the fabrication processes or to the means, methods, techniques, sequences and procedures of construction; coordination of the Work with that of all other trades; and for performing all work in a safe and satisfactory manner.

Date: **5/24/23** By: **DER**



BOTTOM ACCESSORIES		
Nº	DESCRIPTION	Co.
1	MYRTHA BY DALDRADO DRAIN, 18"x36", output TBD	2
2a	INLET ø1 1/2"	5
2b	INLET ø1 1/2"	6
2c	SECONDARY DRAIN ø1 1/2"	1

PANEL ACCESSORIES		
Nº	DESCRIPTION	Co.
GD2B-2BC	RECESSED STEPS	2
GD2B-2BA	FLOATING LINE ANCHOR	6

GUTTER ACCESSORIES		
Nº	DESCRIPTION	Co.
3	GUTTER DRAIN ø6.0-INCH	4

FINISHED POOL ACCESSORIES		
Nº	DESCRIPTION	Co.
GD2C-05A	PVC ANCHOR FOR HANDRAIL ø1.9"	3

ACCESSORIES BY CONTRACTOR		
Nº	DESCRIPTION	Co.
4	LIGHT PENTAIR INTELLIBRITE	8

GENERAL NOTES

1. TO ENSURE PROPER INSTALLATION, THE MYRTHA INSTALLATION CONTRACTOR SHALL COMPLY WITH ALL FOLLOWING NOTES:

2. ALL CONCRETE SURFACES TO RECEIVE PVC MEMBRANE SHALL HAVE A SMOOTH FINE SAND PLASTER FINISH.

3. ALL REINFORCING BARS SHALL BE INSTALLED TO ENSURE POSITIVE CHARGING.

4. ALL MYRTHA PARTS SHALL BE SPECIFIED AND GROUNDING FOR LOCAL CODE. MYRTHA SHALL PROVIDE A ONE (1) EACH BUTTRESS FOR A GROUND CONNECTION PROVIDED BY THE POOL CONTRACTOR.

5. MYRTHA SHOP DRAWINGS ARE FOR FINAL APPROVAL FOR MATERIALS SUPPLIED BY MYRTHA ONLY. ITEMS NOT SUPPLIED BY MYRTHA ARE SHOWN FOR CONTEXT ONLY AND SHOULD BE FULLY COORDINATED WITH FINAL POOL CONTRACTOR.

6. ANY BUILDING WATERPROOFING THAT COMES IN CONTACT WITH PVC MEMBRANE MUST BE COMPATIBLE WITH PVC OR SHALL BE LOCATED FROM THE PVC MEMBRANE.

7. ALL ACCESSORIES TO INSTALL ON THE DECK AROUND THE POOL DO NOT GUARANTEE WATERPROOFING, UNLESS TECHNICALLY SPECIFICATED OTHERWISE.

8. ALL CONCRETE REQUIRED TO BE FOR COORDINATION WITH POOL STRUCTURAL, FOR AND STRUCTURAL, FOR TO ESTABLISH MEMBRANE REQUIREMENTS FOR INSTALLATION OF MYRTHA CHEMICAL ANCHORS. POOL CONTRACTOR SHALL COORDINATE ALL CONCRETE REINFORCING AND DIMENSIONAL REQUIREMENTS WITH GC AND STRUCTURAL ENGINEER.

9. ALL ACCESSORIES ON THE DECK SECTIONS ARE APPLIED TO THE BUTTRESSES EVERY 800MM (2' - 10 3/8"). GUTTER LOADING IS CONSISTENT WITH BACKFILLED EXISTING WITH POOL CONTRACTOR.

10. STANDARD FINISHES SHALL BE 20MM (3/4") FROM THE LEVEL PROVIDED IN THE SECTION IF NECESSARY, COORDINATE WITH OTHER STRUCTURAL DRAWINGS.

11. GROUTING UNDER BASE FRAME SHALL BE PROVIDED BY THE POOL CONTRACTOR.

12. FOR RENOVATION PARTS LOCATED IN A COORDINATION WITH THE CONTRACTOR SHALL SUPPLY DRAINAGE AT THE DIFFERENT SECTION OF PANELS.

13. BACKFILLED FINISHES (GRANULIST GRADE) FROM 100 TO 150MM (4" TO 6") MUST BE COMPLETED IN LAYERS OF A MAXIMUM 300MM (12") OF CLEAN SELF-COMPACTING FILL. ANY BACKFILL CONTACT MUST BE DONE MANUALLY AND BEFORE THE FILLING OF THE POOL TO AVOID DEFORMATION AND/OR DAMAGE TO THE MYRTHA STRUCTURE. IT IS NECESSARY TO FILL THE POOL BEFORE THE BACKFILL OPERATIONS PLEASE CONTACT THE MYRTHA POOLS TECHNICAL DEPARTMENT. THE INSTALLER MUST BE NOTIFIED 48 HOURS IN ADVANCE OF BACKFILL OPERATIONS TO MONITOR THE PROGRESS AND ENSURE THE COMPATIBILITY WITH THE MYRTHA STRUCTURE.

14. ALL ACCESSORIES TO BE INSTALLED MUST BE PROVIDED FOR PERIODIC INSPECTIONS AND MAINTENANCE.

15. ALL INSULATION CONDITIONS TO BE VENTILATED TO PREVENT CONDENSATION AND CORROSION.

16. BALANCE TANKS ARE TO BE VENTED ACCORDING TO LOCAL CODES TO AVOID VAPORS IN THE INSULATION CORRIDORS.

17. STRUCTURAL LEAKAGE TIGHTER.

18. THERMOPLASTIC PVC COATING ARE NOT INTENDED AS A WATERPROOF COMPONENT OF THE POOL.

Project: Mission Oak High School United States Learning Pool PLAN AND SECTIONS

Myrtha Pools
 Commercial division of the S&T EUROPE SPA
 46043 Castiglione della Pescaia (GR) Italy
 TEL: 0376-94251 FAX: 0376-431482
 e-mail: info@myrthapools.com info@poolsconcept.com

TECHNICAL DATA

Technology: MYRTHA CALIFORNIA
 Dimension (ft): 32' - 0" x 75' - 0" Perimeter (ft): 228' - 4"
 Surface (ft²): 2543,3 3D Model Water Volume (gal): 87176

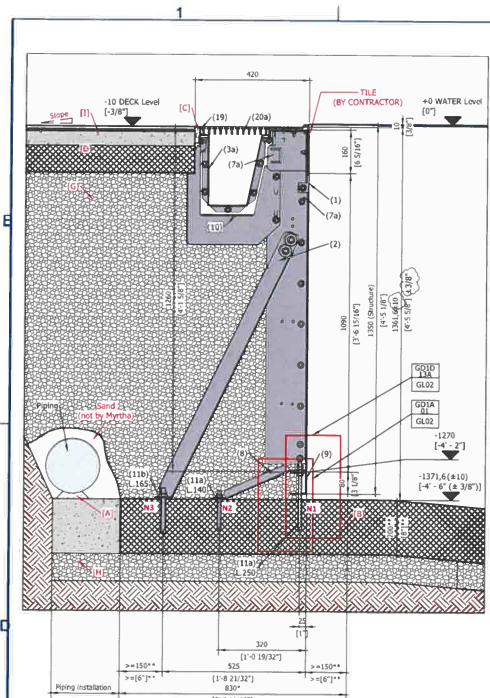
Nº Project: 6122033
 Drawing number: 0566691 Scale: 1:50

NOTE: NOT FOR CONSTRUCTION

HATCH LEGEND

Symbol	Material
[Pattern]	SAND
[Pattern]	STRUCTURAL CONCRETE
[Pattern]	SOFTWALK
[Pattern]	GROUND
[Pattern]	GRAVEL
[Pattern]	CONCRETE FILL
[Pattern]	OTHER ELEMENTS CUT

Nº Sheet: GL01



**S1 MYRTHA CALIFORNIA H=1350mm (4' 5\"/>

NO.	DIA	N of bolts	EMBED (IN)	FACTORED VERT (LBS)	FACTORED HORI (LBS)	FACTORED TEST LOAD (LBF)
N1	0.5" (M12)	1	4.0	1541	-115	5250
N2	0.5" (M12)	1	4.0	-394	1243	5250
N3	0.625" (M16)	1	5.0	-2676	1307	8250

BOTTOM ACCESSORIES

N#	DESCRIPTION	Co.
1	MYRTHA BY DALDORADO DRAIN, 18"x36", depth TBD	1
(2a)	INLET ø1 1/2"	(5)
(2b)	INLET ø1 1/2"	(6)
GD38-GLD	SECONDARY DRAIN ø1 1/2"	1

PANEL ACCESSORIES

N#	DESCRIPTION	Co.
GD2A-3BC	RECESSED STEPS	2
GD3B-3BA	FLOATING LINE ANCHOR	6

GUTTER ACCESSORIES

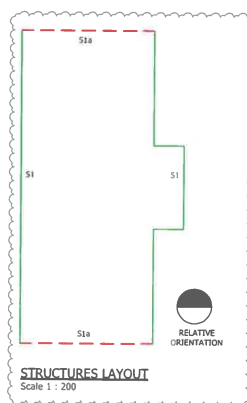
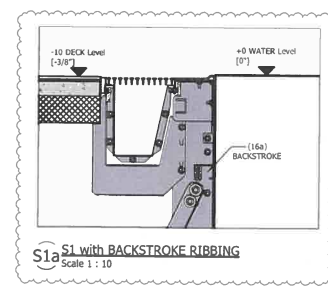
N#	DESCRIPTION	Co.
3	GUTTER DRAIN ø160 - 6"	(4)

FINISHED POOL ACCESSORIES

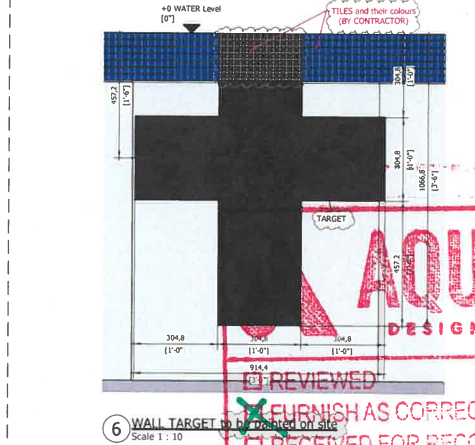
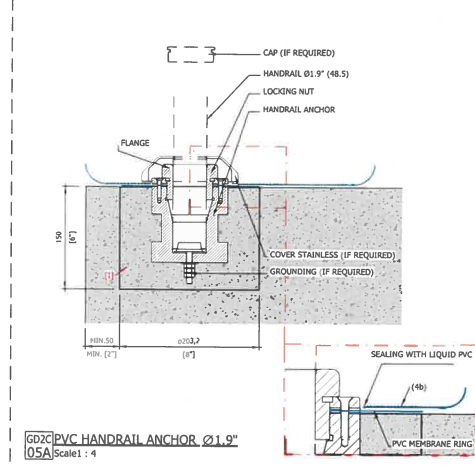
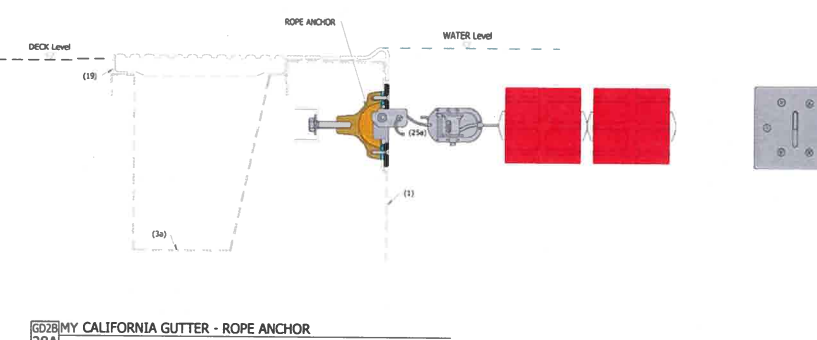
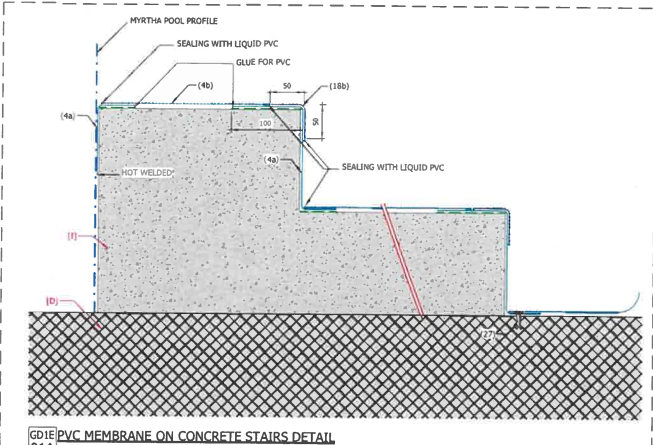
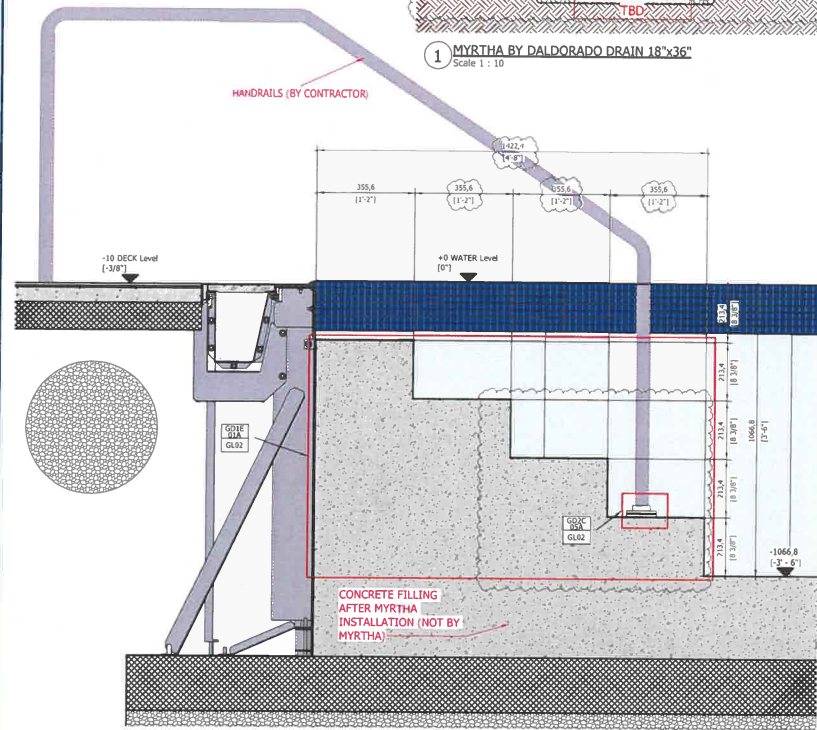
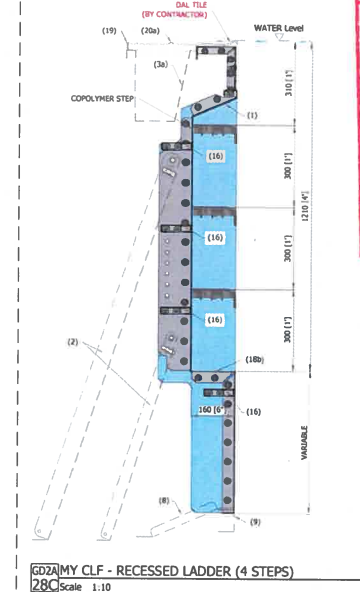
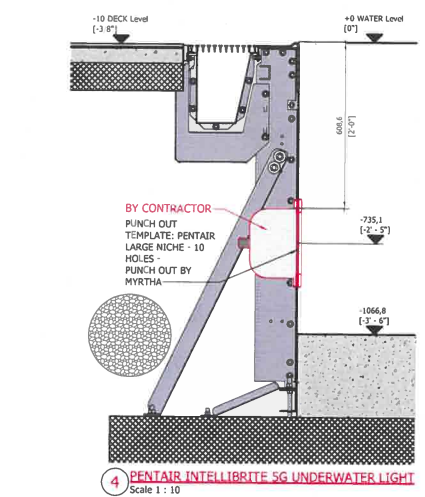
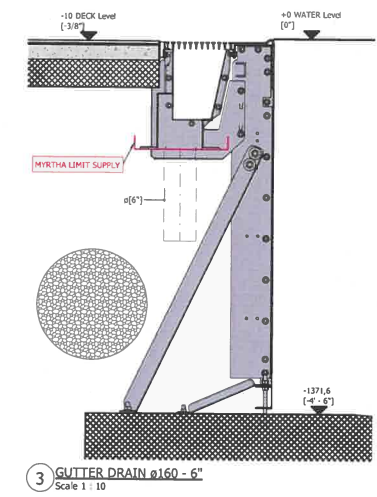
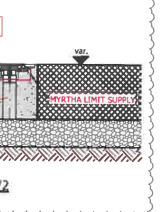
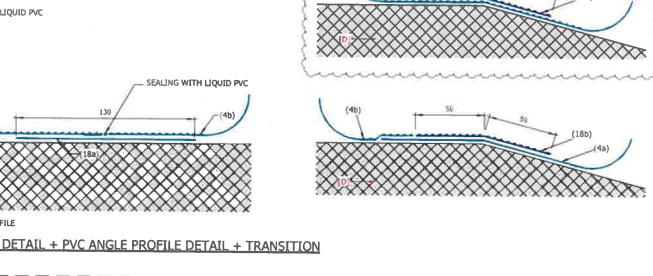
N#	DESCRIPTION	Co.
GD2C-3SA	PVC ANCHOR FOR HANDRAIL ø1.9"	3

ACCESSORIES BY CONTRACTOR

N#	DESCRIPTION	Co.
4	LIGHT PENTAIR INTELLIBRITE	8



CONTRACTOR + MYRTHA SHALL COORDINATE UNDER MEMBRANE DRAINAGE



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Date: 5/24/23 By: Engineer [Signature]

NO.	REVISION	DATE	BY	DESCRIPTION
1	BY CONTRACTOR			REVISIONS
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100	BY CONTRACTOR			REVISIONS

Project: Mission Oak High School United States Learning Pool SECTION TYPE & POOL DETAILS

Myrtha Pools
Commercial division of the AWT GROUP SPA
4600 Cassipone delle Stoviglie (IN)
TEL: 0376-63061
FAX: 0376-631482
e-mail: info@myrthapools.com
info@pacificdesign.com

TECHNICAL DATA

Technology	MYRTHA CALIFORNIA
Dimension (R)	32' - 0" x 75' - 0"
Perimeter (R)	228' - 4"
Surface (R ²)	3D Model Water Volume (gal)
2543,3	871,76

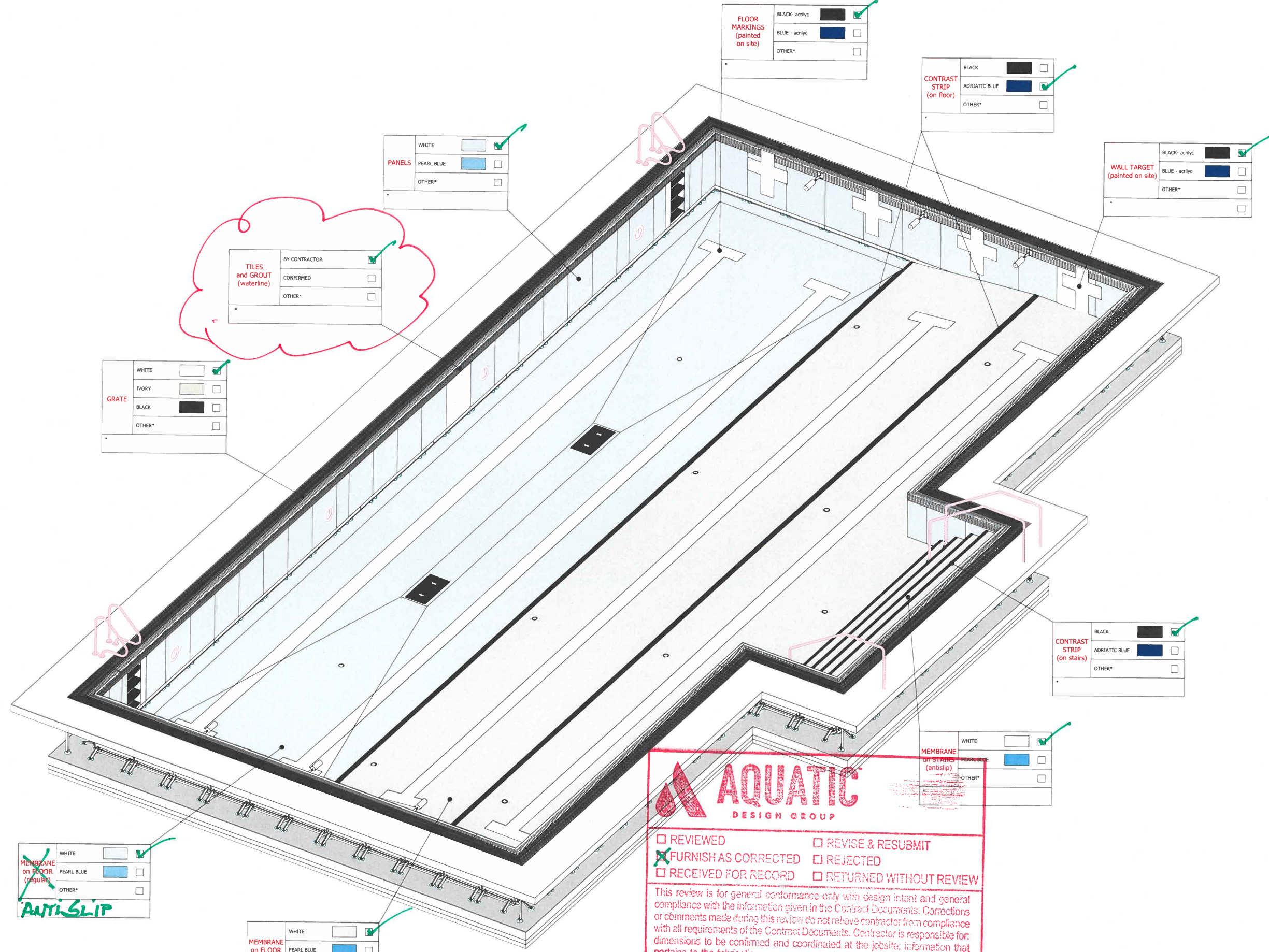
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Drawing number: 0566691
Scale: VAR.

NOTE: NOT FOR CONSTRUCTION

HATCH LEGEND

Symbol	Material
[Symbol]	SAND
[Symbol]	STRUCTURAL CONCRETE
[Symbol]	SOFTWALK
[Symbol]	GROUND
[Symbol]	GRAVEL
[Symbol]	CONCRETE FILL
[Symbol]	OTHERS ELEMENTS CUT

N° Sheet: GL02



MEMBRANE on FLOOR (regular)

WHITE	<input checked="" type="checkbox"/>
PEARL BLUE	<input type="checkbox"/>
OTHER*	<input type="checkbox"/>

ANTI-SLIP

MEMBRANE on FLOOR (antislip)

WHITE	<input checked="" type="checkbox"/>
PEARL BLUE	<input type="checkbox"/>
OTHER*	<input type="checkbox"/>

AQUATIC DESIGN GROUP

REVIEWED REVISE & RESUBMIT

FURNISH AS CORRECTED REJECTED

RECEIVED FOR RECORD RETURNED WITHOUT REVIEW

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Date: **5/24/23** By: **DRB**

Stamp

Engineer seal

Project
Mission Oak High School
United States
Learning Pool
COLORS OPTION

Myrtha Pools
Commercial division of the
A&T EUROPE SpA
46043 Castiglione delle
Stiviere (MN)
TEL: 0376-94061
FAX: 0376-431482
e-mail: info@myrthapools.com
info@piscinacastiglione.it

TECHNICAL DATA

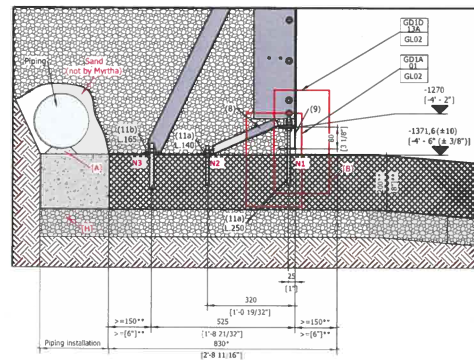
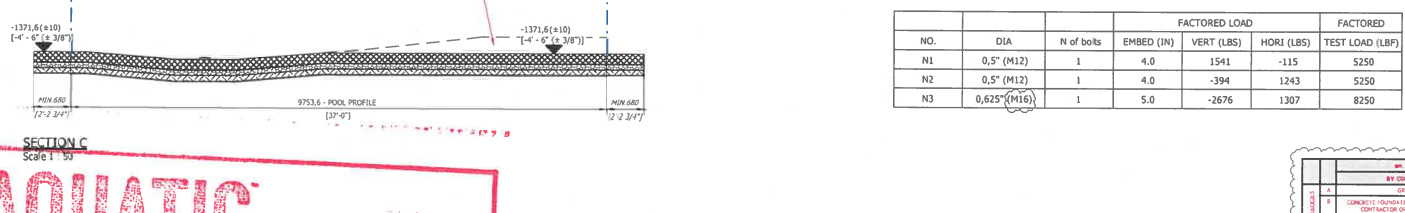
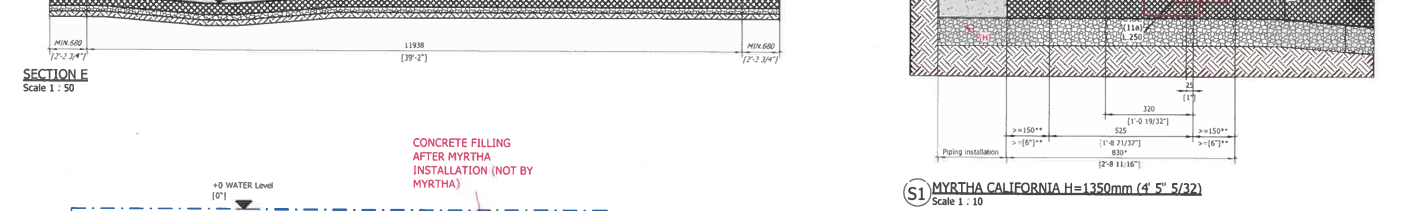
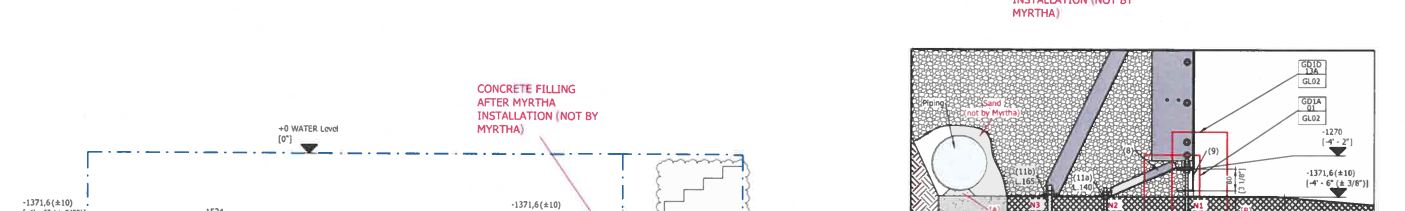
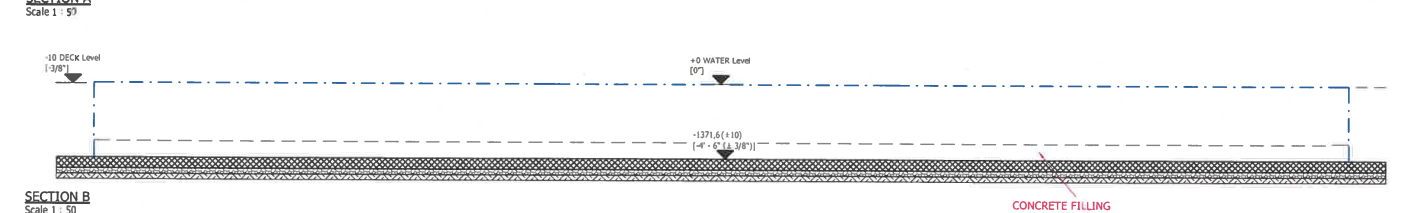
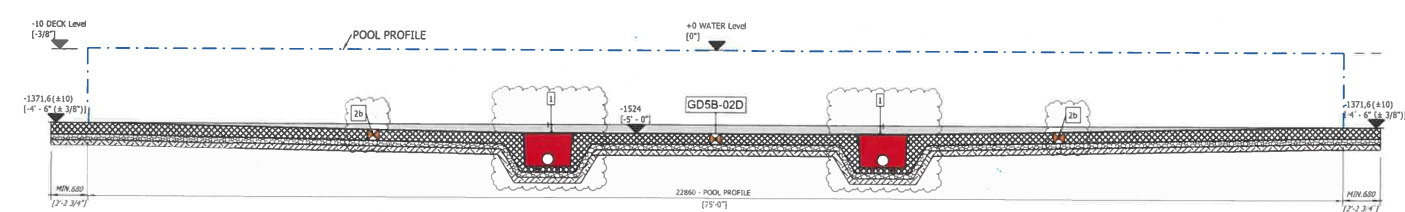
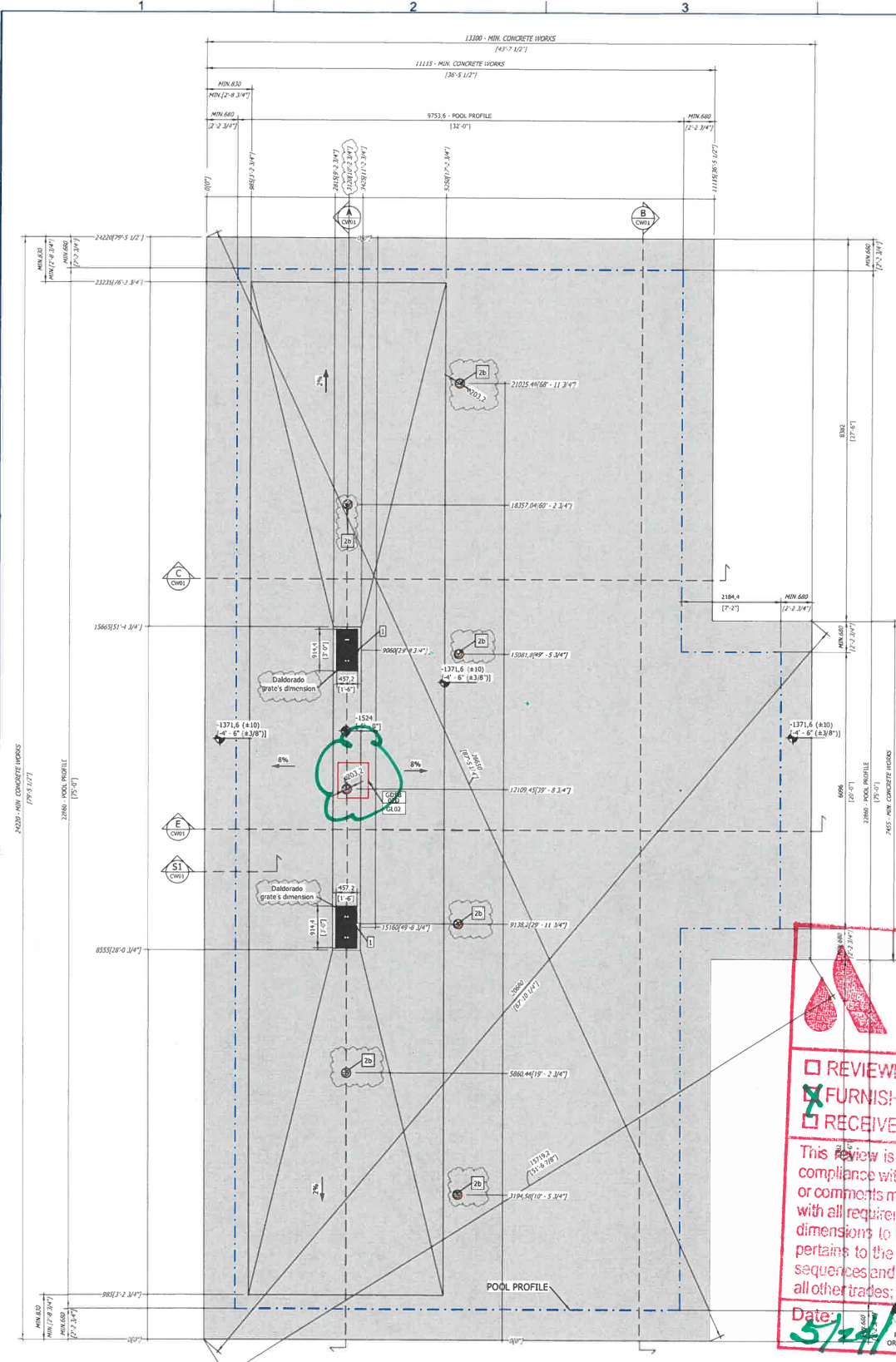
Technology	
MYRTHA CALIFORNIA	
Dimension (R)	Perimeter (R)
32' - 0" x 75' - 0"	228' - 4"
Surface (R ²)	3D Model Water Volume (gal)
2543,3	87176

N° Project: 6122033
Drawing number: 056691 Scale: /

NOTE: NOT FOR CONSTRUCTION

HATCH LEGEND

Symbol	Code	Desc.	Unit
[Symbol]	C-30.003	CONCRETE	sq. ft.
[Symbol]		STRUCTURAL CONCRETE	
[Symbol]		SOFTWALK	
[Symbol]		GROUND	
[Symbol]		GRAVEL	
[Symbol]		CONCRETE FILL	
[Symbol]		OTHER ELEMENTS CUT	



NO.	DIA	N of bolts	EMBED (IN)	VERT (LBS)	HORI (LBS)	TEST LOAD (LBF)
N1	0.5" (M12)	1	4.0	1541	-115	5250
N2	0.5" (M12)	1	4.0	-394	1243	5250
N3	0.625" (M16)	1	5.0	-2676	1307	8250

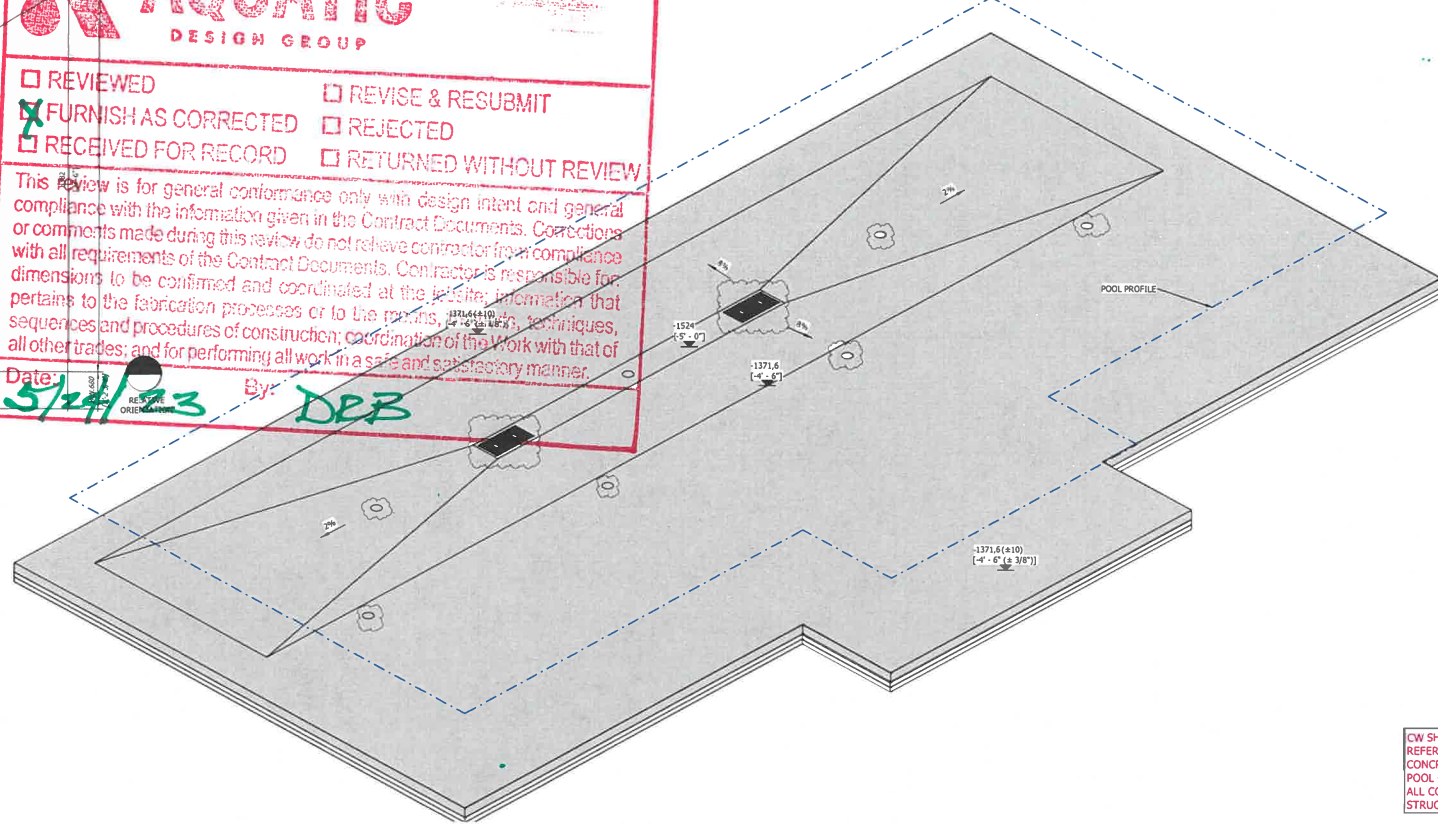
AQUATIC DESIGN GROUP

REVIEWED
 FURNISH AS CORRECTED
 RECEIVED FOR RECORD

REVISE & RESUBMIT
 REJECTED
 RETURNED WITHOUT REVIEW

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Date: 5/14/23 By: DEB



CONCRETE WORKS Scale 1:50

CONTRACTOR & MYRTHA SHALL COORDINATE UNDERMEMBRANE SECONDARY DRAIN

Nº	DESCRIPTION	Co.
1	MYRTHA BY DALDORADO DRAIN, 18"x36", output TBD	2
2	TRIEE 18"x12"	1
3	GDSB-020 SECONDARY DRAIN 18"x12"	1

NO.	DESCRIPTION	BY	DATE
1	CONCRETE WORKS	BY CONTRACTOR	05/14/23
2	POOL PROFILE	BY CONTRACTOR	05/14/23
3	POOL PROFILE	BY CONTRACTOR	05/14/23
4	POOL PROFILE	BY CONTRACTOR	05/14/23
5	POOL PROFILE	BY CONTRACTOR	05/14/23
6	POOL PROFILE	BY CONTRACTOR	05/14/23
7	POOL PROFILE	BY CONTRACTOR	05/14/23
8	POOL PROFILE	BY CONTRACTOR	05/14/23
9	POOL PROFILE	BY CONTRACTOR	05/14/23
10	POOL PROFILE	BY CONTRACTOR	05/14/23
11	POOL PROFILE	BY CONTRACTOR	05/14/23
12	POOL PROFILE	BY CONTRACTOR	05/14/23
13	POOL PROFILE	BY CONTRACTOR	05/14/23
14	POOL PROFILE	BY CONTRACTOR	05/14/23
15	POOL PROFILE	BY CONTRACTOR	05/14/23
16	POOL PROFILE	BY CONTRACTOR	05/14/23
17	POOL PROFILE	BY CONTRACTOR	05/14/23
18	POOL PROFILE	BY CONTRACTOR	05/14/23
19	POOL PROFILE	BY CONTRACTOR	05/14/23
20	POOL PROFILE	BY CONTRACTOR	05/14/23
21	POOL PROFILE	BY CONTRACTOR	05/14/23
22	POOL PROFILE	BY CONTRACTOR	05/14/23
23	POOL PROFILE	BY CONTRACTOR	05/14/23
24	POOL PROFILE	BY CONTRACTOR	05/14/23
25	POOL PROFILE	BY CONTRACTOR	05/14/23
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27	POOL PROFILE	BY CONTRACTOR	05/14/23
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45	POOL PROFILE	BY CONTRACTOR	05/14/23
46	POOL PROFILE	BY CONTRACTOR	05/14/23
47	POOL PROFILE	BY CONTRACTOR	05/14/23
48	POOL PROFILE	BY CONTRACTOR	05/14/23
49	POOL PROFILE	BY CONTRACTOR	05/14/23
50	POOL PROFILE	BY CONTRACTOR	05/14/23

Stamp

Engineer seal

Project: Mission Oak High School United States Learning Pool CONCRETE WORKS

Myrtha Pools
Commercial division of the A&T EUROPE SPA
46043 Castiglione delle Stiviere (MN)
TEL: 0376-94461
FAX: 0376-631482
email: info@myrthapools.com
info@myrthapools.com

TECHNICAL DATA
Technology: MYRTHA CALIFORNIA
Dimension (ft): 32' - 0" x 75' - 0"
Perimeter (ft): 228'-4"
Surface (ft²): 3D Model Water Volume (gal): 2543,3
87176

Nº Project: 6122033
Drawing number: 0566691
Scale: 1:50-1:10

NOTE: NOT FOR CONSTRUCTION

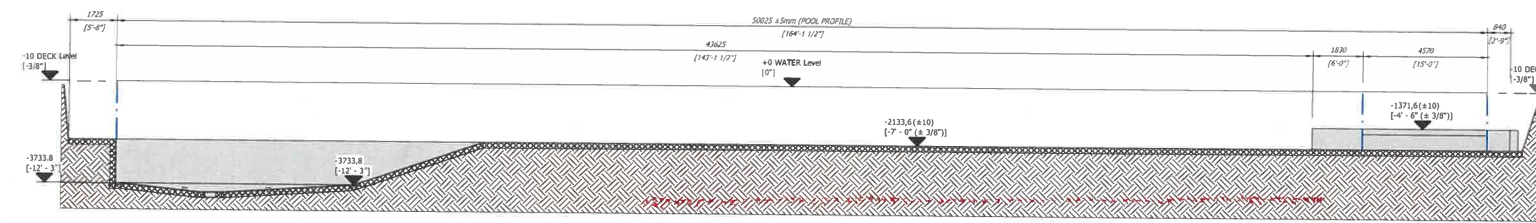
HATCH LEGEND

NO.	DESCRIPTION	Color	Line Style
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2	STRUCTURAL CONCRETE	Dark Gray	Solid
3	SOFTWALK	Light Gray	Dashed
4	GROUND	Light Gray	Solid
5	GRAVEL	Light Gray	Solid
6	CONCRETE FILL	Dark Gray	Solid
7	OTHERS ELEMENTS CUT	Light Gray	Solid

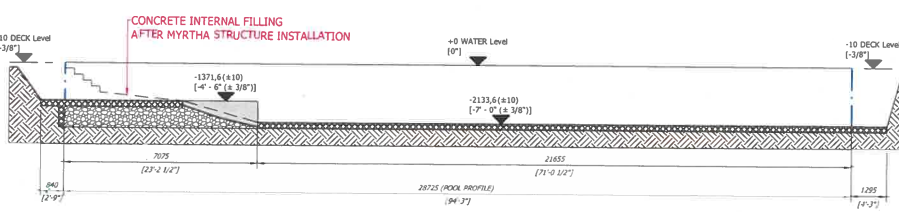
Nº Sheet: CW01

ON SHEETS ARE SCHEMATIC ONLY. REFER TO STRUCTURAL EOR DESIGN FOR CONCRETE DESIGN. POOL CONTRACTOR SHALL COORDINATE ALL CONCRETE REQUIREMENTS WITH STRUCTURAL ENGINEER.

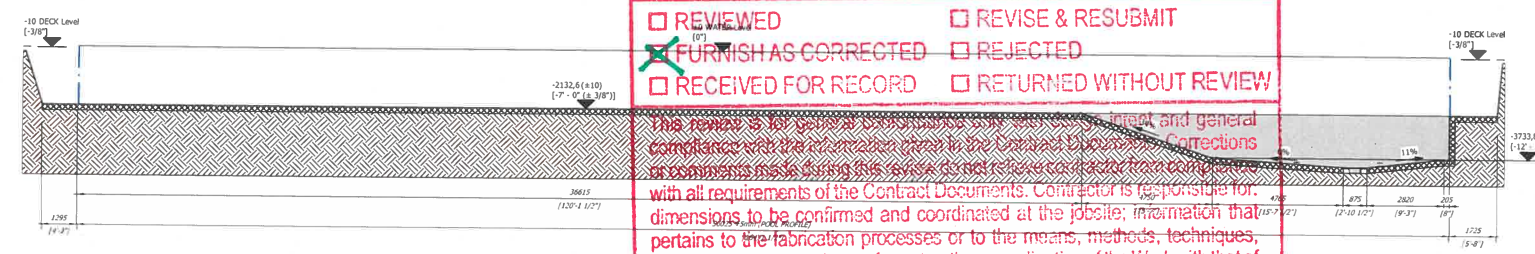
CW SHEETS ARE SCHEMATIC ONLY. REFER TO STRUCTURAL EOR DESIGN FOR CONCRETE DESIGN. POOL CONTRACTOR SHALL COORDINATE ALL CONCRETE REQUIREMENTS WITH STRUCTURAL ENGINEER.



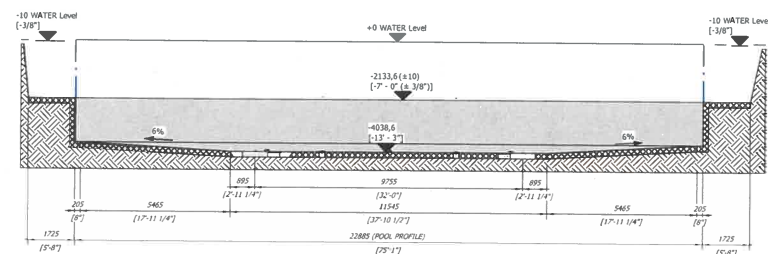
SECTION B
Scale 1 : 100



SECTION C
Scale 1 : 100



SECTION A
Scale 1 : 100



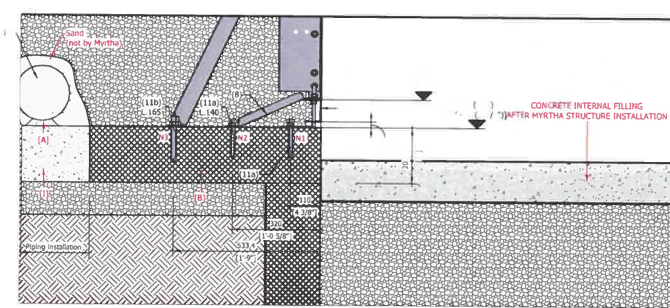
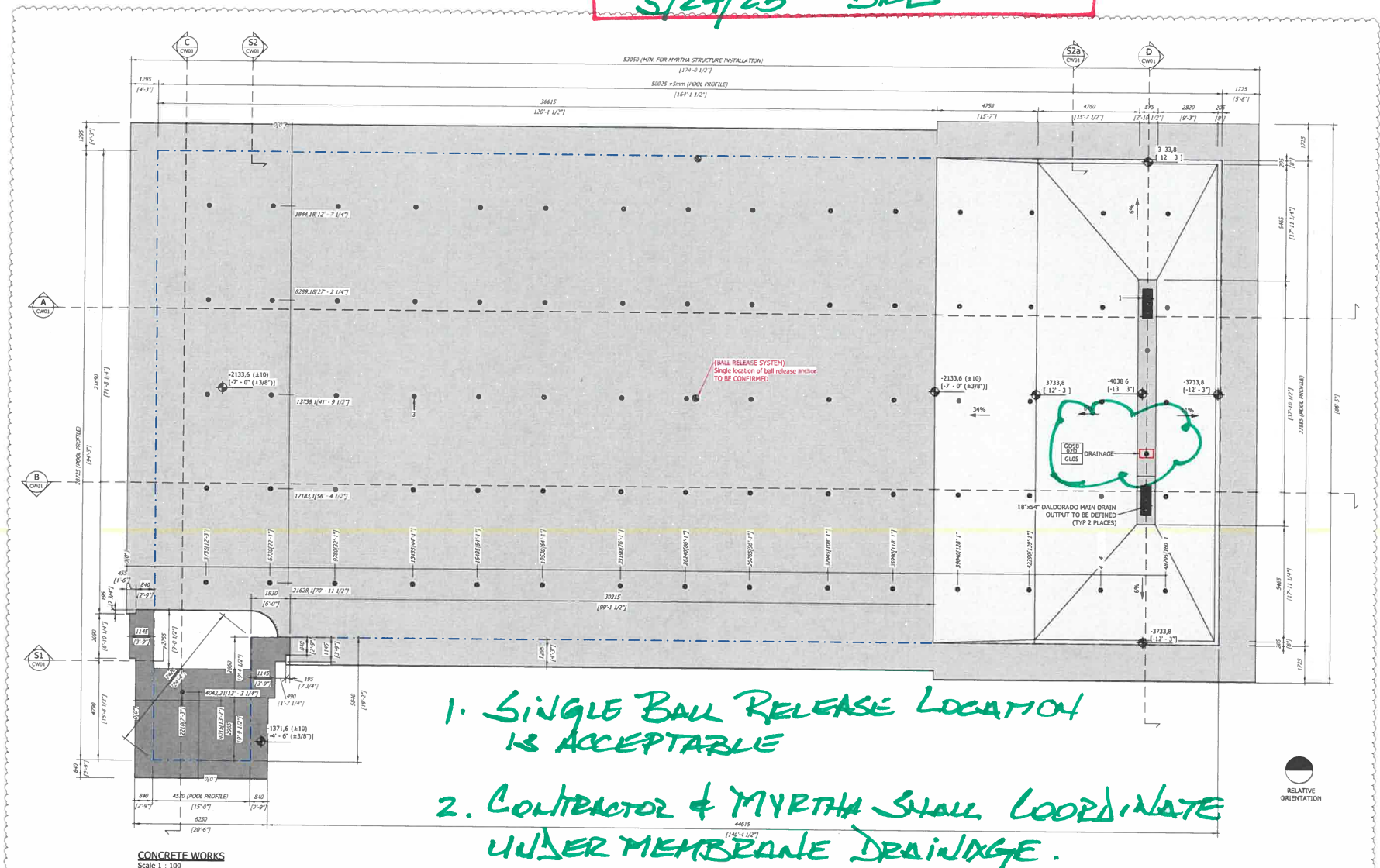
SECTION D
Scale 1 : 100

AQUATIC
DESIGN GROUP

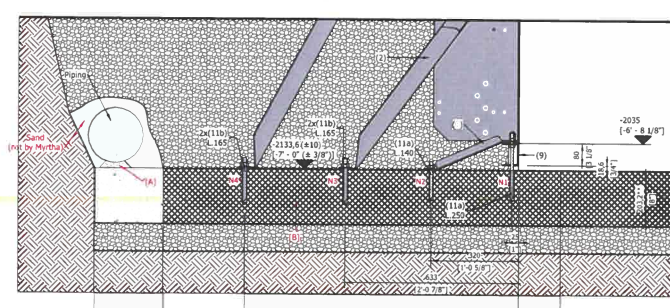
REVIEWED REVISE & RESUBMIT
 FURNISH AS CORRECTED REJECTED
 RECEIVED FOR RECORD RETURNED WITHOUT REVIEW

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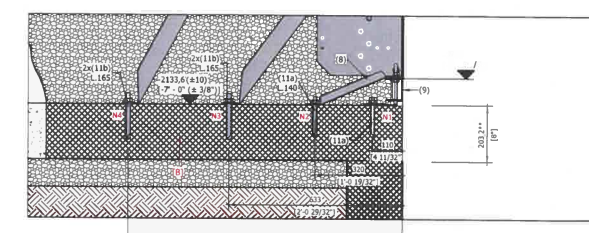
Date: **5/24/23** By: **DRB**



S1 Typ. Myrtha California Gutter section h. 1350/4-5 1/8 1. OFFSET PLATES



S2 Typ. Myrtha California Gutter section h. 2115/6-11 1/4 1.



S2a Typ. Myrtha California Gutter section h. 2115/6-11 1/4 1. + OFFSET PLATE

Stamp

Engineer seal

Project
Mission Oak High School
United States
Competition Pool
CONCRETE WORKS

Myrtha Pools
Commercial division of the
A&T EUROPE SPA
40063 Castellione delle
Stiviere (DS)
TEL. 0376-94265
FAX 0376-631482
e-mail: info@myrthapools.com
info@piscinacastiglione.it

TECHNICAL DATA

Technology	Myrtha California Gutter
Dimension (R)	Perimeter (R)
75' - 1' x 164' - 1 1/2"	516'-9"
Surface (R)	3D Model Water Volume (gal)
12615	771582

Nº Project	Scale
6122033	
Drawing number	
0566571	

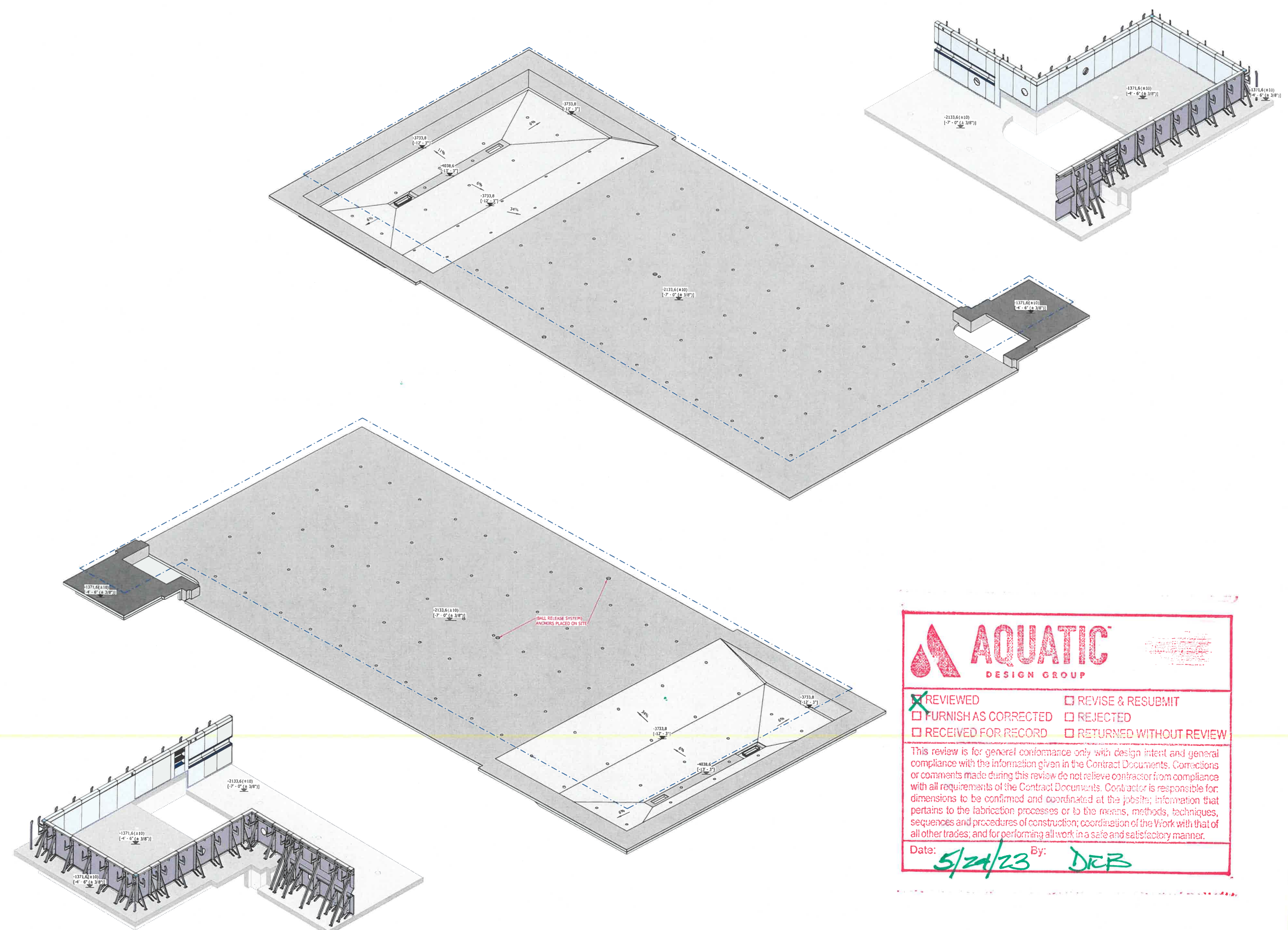
NOTE: NOT FOR CONSTRUCTION


HATCH LEGEND

Rev	Date	Des.	Ver.
1	10/20/22	CSL	100
2	10/20/22	CSL	100
3	10/20/22	CSL	100
4	10/20/22	CSL	100

Nº Sheet
CW01

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REVIEWED **REVISE & RESUBMIT**

FURNISH AS CORRECTED **REJECTED**

RECEIVED FOR RECORD **RETURNED WITHOUT REVIEW**

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Date: **5/24/23** By: **DJB**

Stamp

Engineer seal

Project

Mission Oak High School
United States
Competition Pool
CONCRETE WORKS 3D
VIEWS

Myrtha Pools
Commercial division of the
ABT EUROPE SPA
40015 Campione delle
Stiviere (MN)
TEL: 0376-94261
FAX: 0376-631482
e-mail: info@myrthapools.com
info@placincastore.it

TECHNICAL DATA

Technology
Myrtha California Gutter

Dimension (R)	Perimeter (R)
75' - 1" x 164' - 1 1/2"	516' - 9"
Surface (R ²)	3D Model Water Volume (gal)
12615	771582

N° Project
6122033

Drawing number	Scale
0566571	

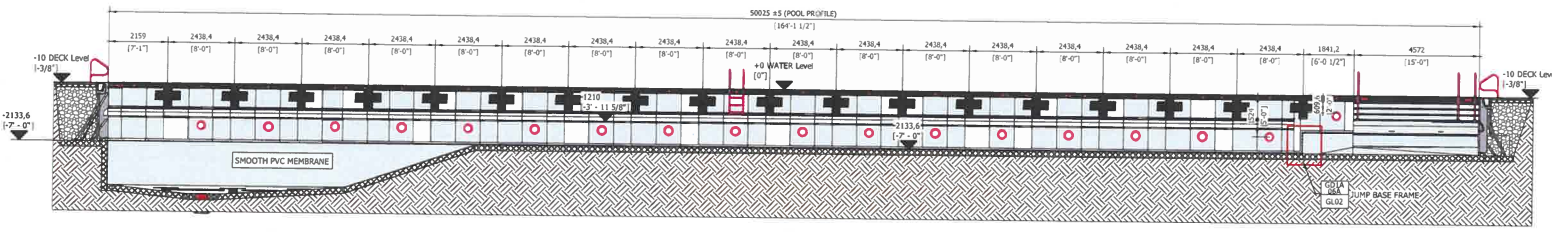
NOTE: NOT FOR CONSTRUCTION

HATCH LEGEND

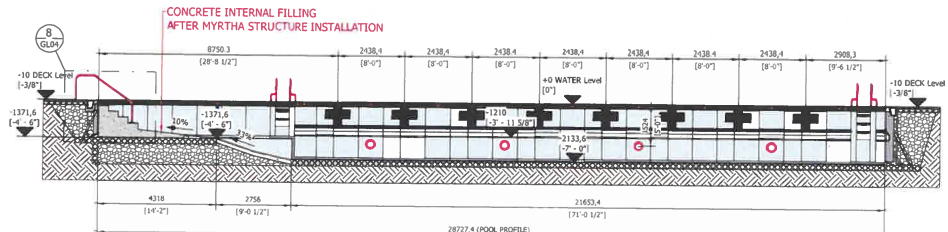
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[Symbol]	STRUCTURAL CONCRETE	1/8"	Nov 2017	01.0	MR
[Symbol]	SOFTWALK	1/8"	Nov 2017	01.0	MR
[Symbol]	GROUND	1/8"	Nov 2017	01.0	MR
[Symbol]	GRAVEL	1/8"	Nov 2017	01.0	MR
[Symbol]	CONCRETE FILL	1/8"	Nov 2017	01.0	MR
[Symbol]	OTHERS	1/8"	Nov 2017	01.0	MR
[Symbol]	ELEMENTS CUT	1/8"	Nov 2017	01.0	MR

N° Sheet
CW02

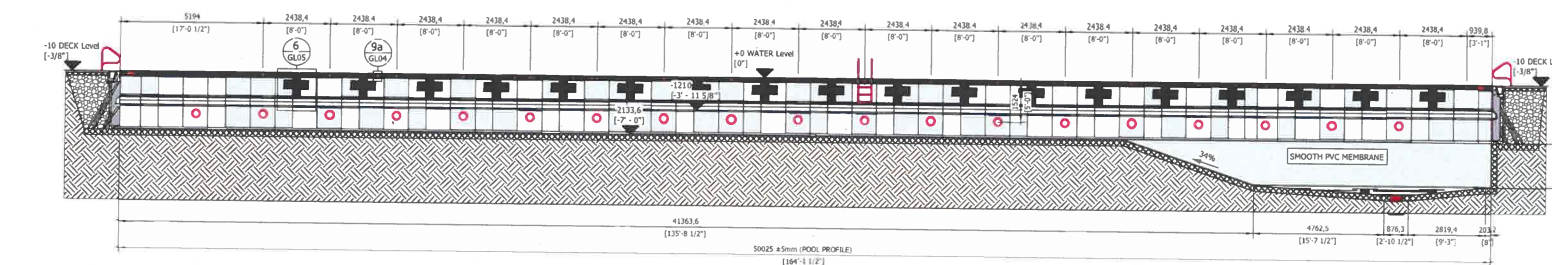
COPYRIGHT RESERVED



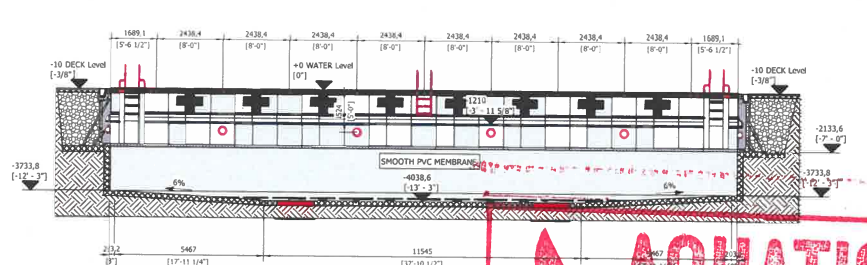
SECTION B
Scale 1: 100



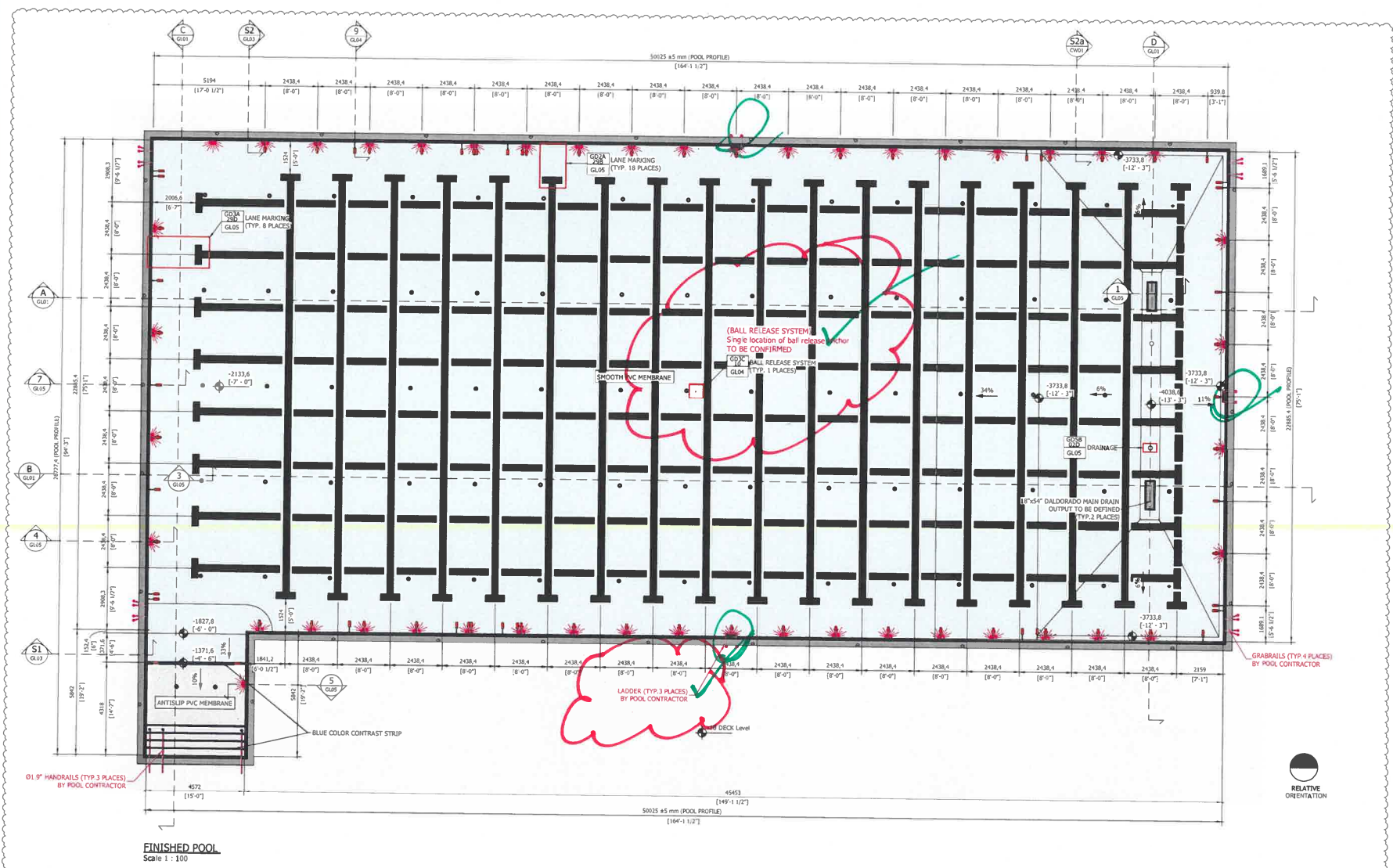
SECTION C
Scale 1: 100



SECTION A
Scale 1: 100



SECTION D
Scale 1: 100



FINISHED POOL
Scale 1: 100

AQUATIC DESIGN GROUP

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Date: 5/24/23 By: DRB

BOTTOM ACCESSORIES		
Nº	DESCRIPTION	Co.
1	MYRTHA BY DALDRADO DRAIN, 18"x6"	2
3	FLOOR SILENT SLIP™	77
GD3C/10	PVC ANCHOR FOR HANDRAIL Ø1.5"	3
GD3C/10	BALL RELEASE ANCHOR	2
GD5B/10	DRAINAGE #1/2"	2

PANEL ACCESSORIES		
Nº	DESCRIPTION	Co.
2	FLOATING LINE ANCHOR	76
GD2A/28B	RECESSED STEPS	1
GD2A/28C	RECESSED STEPS	3

GUTTER ACCESSORIES		
Nº	DESCRIPTION	Co.
7	GUTTER DRAIN #6160-INCH	31

ACCESSORIES BY CONTRACTOR		
Nº	DESCRIPTION	Co.
4	LIGHT PENTAIR INTELLIBRITE	44
5	LIGHT PENTAIR INTELLIBRITE	2

en. GENERAL NOTES

1. TO ENSURE PROPER INSTALLATION, THE MYRTHA INSTALLATION CONTRACTOR SHALL COORDINATE WITH ALL TRADES INVOLVED.

2. ALL CONCRETE SHALL BE PLACED TO RECEIVE PVC MEMBRANE SHALL HAVE A 3/8" FINE SAND PLASTER FINISH.

3. SECONDARY DRAINS SHALL BE INSTALLED TO ENSURE POSITIVE DRAINAGE.

4. ALL MYRTHA STRUCTURE SHALL BE BURIED AND GRADED PER LOCAL CODE. MYRTHA SHALL PROVIDE A HOLE IN EACH BUTTRESS FOR A GROUND CONNECTION PROVIDED BY THE POOL CONTRACTOR.

5. MYRTHA LIGHT ACCESSORIES ARE FOR FINAL APPROVAL FOR MATERIALS SUPPLIED BY MYRTHA ONLY. ITEMS NOT SUPPLIED BY MYRTHA ARE SHOWN FOR CONTEXT ONLY AND SHOULD BE FULLY COORDINATED WITH FINAL POOL DESIGN DRAWINGS.

6. MYRTHA TECHNICAL DOCUMENTATION THAT COMES IN CONTACT WITH PVC MEMBRANE MUST BE COORDINATED WITH PVC OR SHALL BE ISOLATED FROM THE PVC MEMBRANE.

7. THE ACCESSORIES INSTALLED ON THE DECK AROUND THE POOL DO NOT GUARANTEE WATERPROOFING, UNLESS TECHNICALLY SPECIFIED OTHERWISE.

8. ALL CONCRETE DEPOSITED IS FOR COORDINATION WITH POOL STRUCTURAL FOR AND STRUCTURAL FOR TO ESTABLISH PROPER CHANGES TO THE INSTALLATION OF MYRTHA CONTRACTOR SHALL COORDINATE ALL CONCRETE REWORKING AND DIMENSIONAL REQUIREMENTS WITH GC AND STRUCTURAL.

9. ALL LISTS INDICATED FOR THE WALL SECTIONS ARE APPLIED TO THE BUTTRESSES EVERY 900mm (2' - 11 3/8"). CRITICAL LOADS IS CONSIDERED WITH MAXIMUM STRUCTURES WITH POOL EMPTY.

10. STRUCTURAL REQUIREMENTS FOR THE PERMITTED CONCRETE FOOTING IS 300mm (14") FROM THE LEVEL INDICATED IN THE SECTION, IF NECESSARY, COORDINATE WITH OTHER TRADES/CONTRACTORS.

11. GROUT THE LINDER BASE FRAME SHALL BE INSTALLED BY THE POOL CONTRACTOR.

12. FOR REINFORCING PAGES COORDINATE IN A CLEARER CONDITION, THE GENERAL CONTRACTOR SHALL SUPPLY DRAINAGE AT THE DEEPEST SECTION OF PANELS.

13. BACKFILL MATERIAL (DRAINAGE GRAVEL FROM #40 TO #20mm - 1/2") NEEDS TO BE COMPLETED IN LAYERS OF A MAXIMUM 300mm (12") OF CLEAN SELF-COMPACTING FILL. ANY BACKFILL CONTRACTOR MUST BE DONE MANUALLY AND BEFORE THE FILLING OF THE POOL TO AVOID VIBRATION OR AVOID DAMAGE TO THE MYRTHA STRUCTURE. IF IT'S NECESSARY TO FILL THE POOL BEFORE THE BACKFILL OPERATIONS PLEASE CONTACT THE MYRTHA POOLS TECHNICAL DEPARTMENT. THE INSTALLER MUST BE NOTIFIED 48 HOURS IN ADVANCE OF BACKFILL OPERATIONS TO MONITOR THE PROCEDURE AND ENSURE THE CONTRACTOR'S OPERATIONS ARE PROTECTED.

14. THE ACCESS TO THE CONNECTION MUST BE PROVIDED FOR INSPECTION, INSPECTIONS AND MAINTENANCE.

15. INSPECT FOR CONDITIONS TO BE IDENTIFIED TO PREVENT CONDENSATION AND ORGANIC GROWTH.

16. BALANCE TANKS ARE TO BE INSTALLED ACCORDING TO LOCAL CODES TO AVOID IMPULSIONS IN THE INSULATION JOINTS.

17. STRUCTURAL CERAMIC GUTTERS/FLUE/CASING PVC COPING ARE NOT INTERFERED AS A WATERPROOF COMPONENT OF THE POOL.

Project
Mission Oak High School
United States
Competition Pool
PLAN AND SECTIONS

Myrtha Pools
WATER VISION CREATION
Myrtha Pools
Commercial division of the
A&T EUROPE SPA
16011 Champagne delle
Sovane (PR)
Tel. 0376-24611
Fax 0376-631482
e-mail: info@myrthapools.com
info@placemanager.com

TECHNICAL DATA

Technology
Myrtha California Gutter

Dimension (R)	Footmeter (R)
75" - 1" x 164" - 1 1/2"	516" - 9"
Surface (R1)	3D Model Water Volume (gal)
12615	771582

Nº Project
6122033

Drawing number
0566571

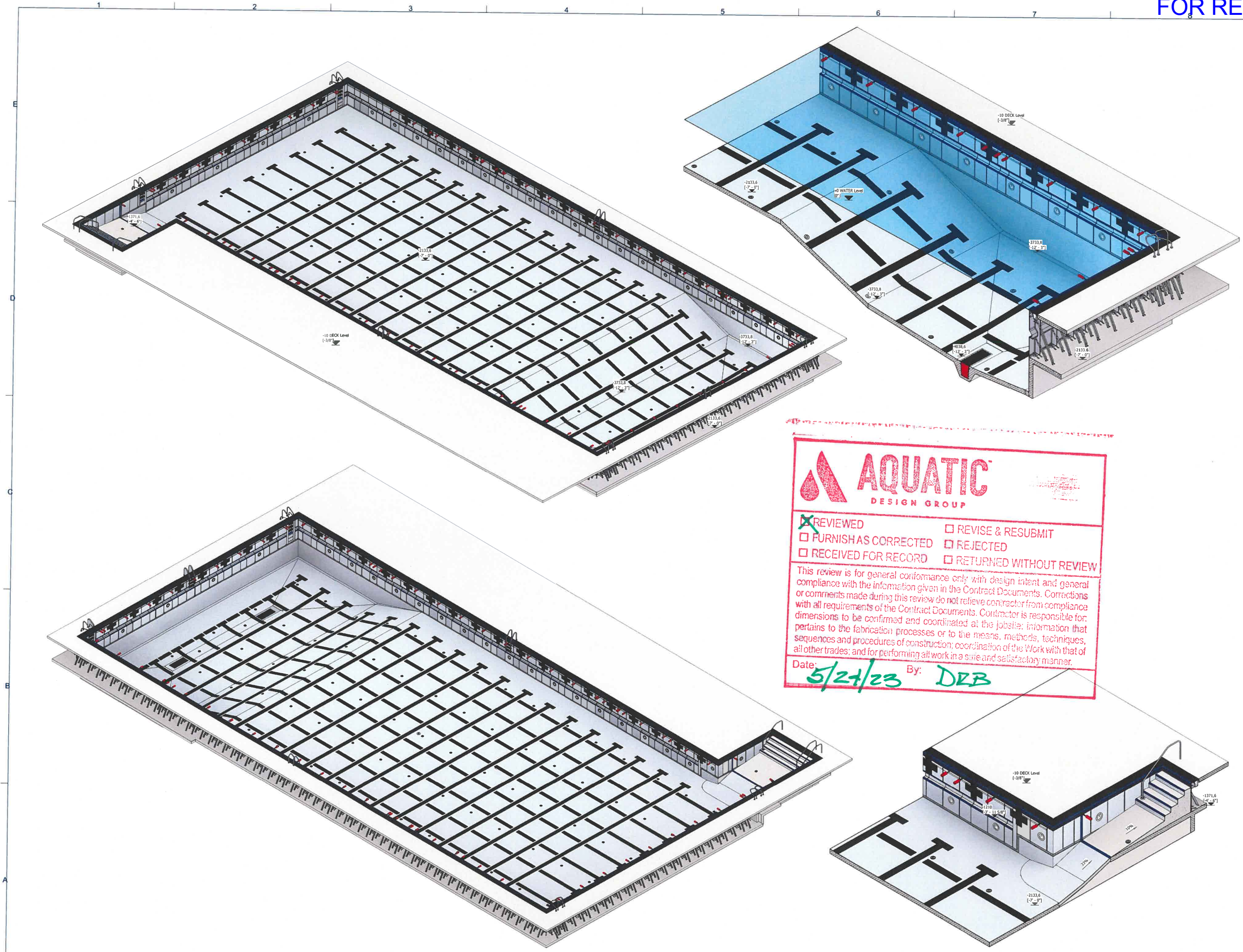
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1:100

NOTE: NOT FOR CONSTRUCTION

HATCH LEGEND

Symbol	Material
[Pattern]	SAND
[Pattern]	STRUCTURAL CONCRETE
[Pattern]	SOFTWALK
[Pattern]	GROUND
[Pattern]	GRAVEL
[Pattern]	CONCRETE FILL
[Pattern]	OTHERS ELEMENTS CUT

Nº Sheet
GL01



AQUATIC
DESIGN GROUP

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Date: **5/24/23** By: **DRB**

Stamp

Engineer seal

Project
Mission Oak High School
United States
Competition Pool
3D VIEWS

Myrtha Pools
Commercial division of the
A&T EUROPE SPA
46012 Campagnola delle
Stiviere (MN)
TEL. 0376-94421
FAX 0376-631482
e-mail: info@myrthapools.com
info@piscinacastiglione.it

TECHNICAL DATA

Technology	Myrtha California Gutter
Dimension (R)	Perimeter (R)
75" - 1" x 164" - 1 1/2"	516'-9"
Surface (R ²)	3D Model Water Volume (gal)
12615	771582

N° Project	6122033
Drawing number	0566571
Scale	

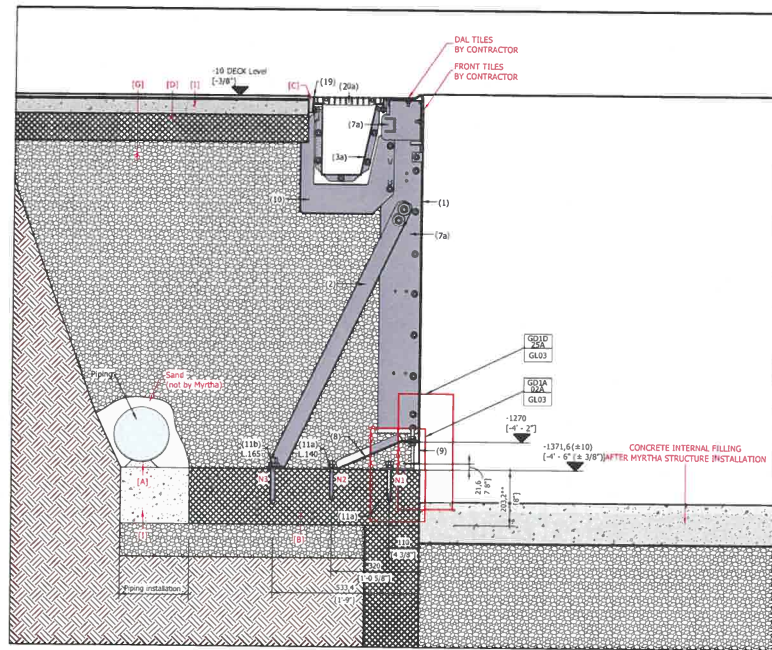
NOTE: NOT FOR CONSTRUCTION

HATCH LEGEND

REV	DATE	DES.	VER.
A	10/13/22	CS	100
B	10/13/22	CS	100
C	10/13/22	CC	200

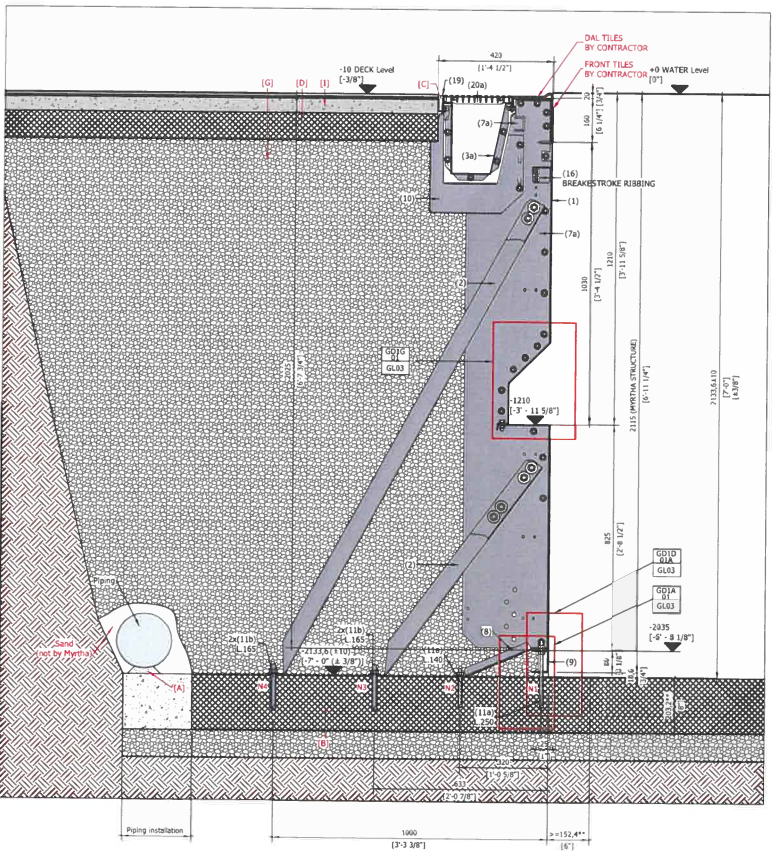
SAND	
STRUCTURAL CONCRETE	
SOFTWALK	
GROUND	
GRAVEL	
CONCRETE FILL	
OTHERS ELEMENTS CUT	

NO.	DIA	N of bolts	EMBED (IN)	VERT (LBS)	HORI (LBS)	TEST LOAD (LBF)
N1	0.5" (M12)	1	4.0	32	250	5250
N2	0.5" (M12)	1	4.0	400	1250	5250
N4	0.625" (M16)	1	5.0	76.0	1400	8250

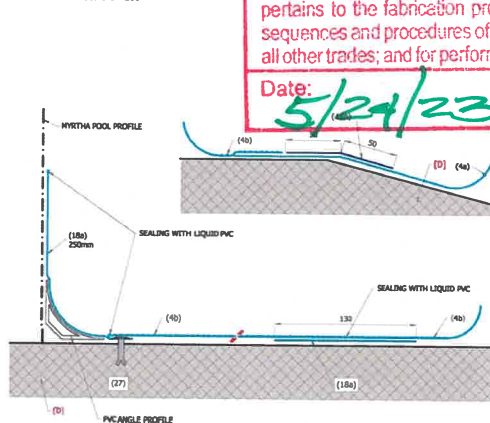
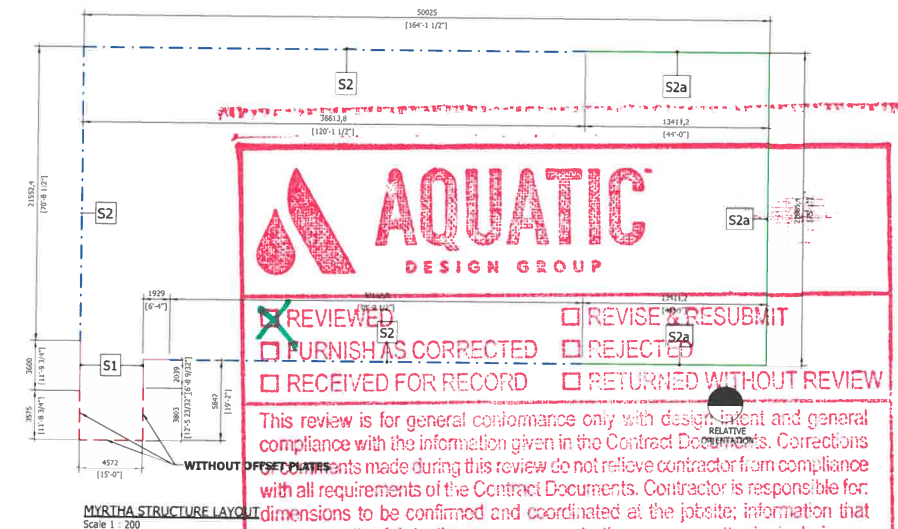


S1 Typ. Myrtha California Gutter section h. 1350(4'-5 1/8") + OFFSET PLATES
Scale 1 : 10

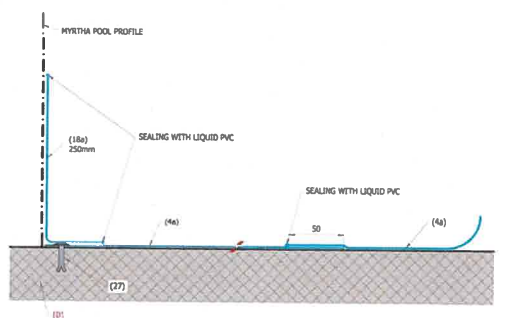
NO.	DIA	N of bolts	EMBED (IN)	VERT (LBS)	HORI (LBS)	TEST LOAD (LBF)
N1	0.5" (M12)	1	4	3300.0	-100	5250
N2	0.5" (M12)	1	4	440.0	1307	5250
N4	0.625" (M16)	2	5	4700.0	4740	8250
N4	0.625" (M16)	2	5	-2305.0	1115	8250



S2 Typ. Myrtha California Gutter section h. 2115(6'-11 1/4") + OFFSET PLATE
Scale 1 : 10

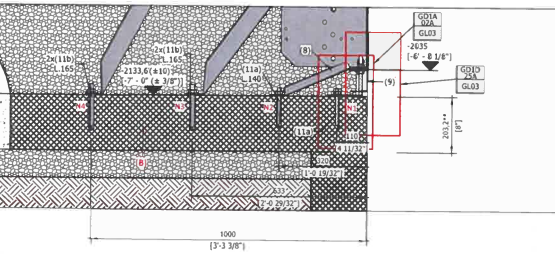


G10 PVC MEMBRANE ANTISLIP DETAIL + PVC ANGLE PROFILE DETAIL
1.4 Scale 1:2.5



G10 PVC MEMBRANE DETAIL
G10A Scale 1:2.5

NO.	DIA	N of bolts	EMBED (IN)	VERT (LBS)	HORI (LBS)	TEST LOAD (LBF)
N1	0.5" (M12)	1	4.0	90	308	5250
N2	0.5" (M12)	1	4.0	639	2007	5250
N3	0.625" (M16)	2	5.0	4300	3050	8250
N4	0.625" (M16)	2	5.0	-2304	1115	8250



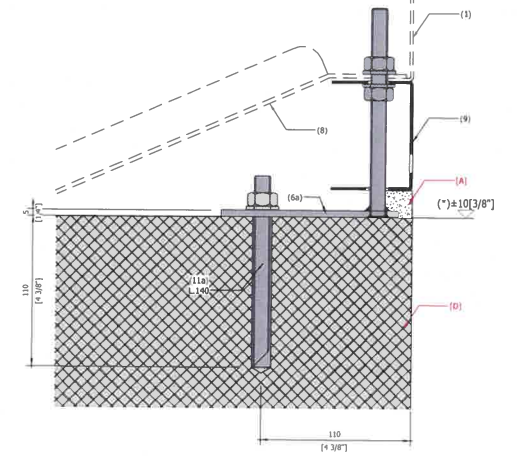
S2a Typ. Myrtha California Gutter section h. 2115(6'-11 1/4") + OFFSET PLATE
Scale 1 : 10

REVIEWED
 FURNISH AS CORRECTED
 RECEIVED FOR RECORD

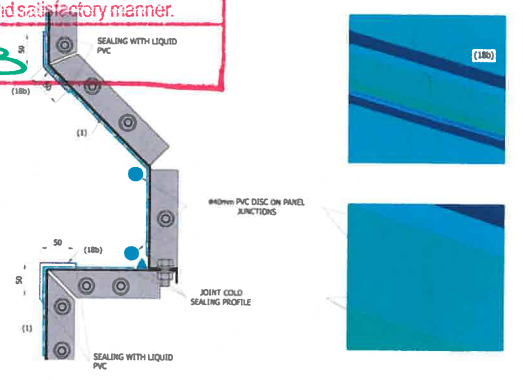
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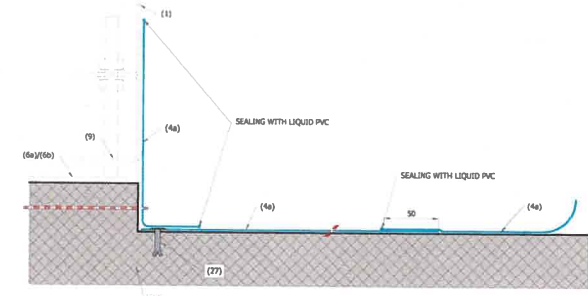
Date: 5/24/23 By: DJB



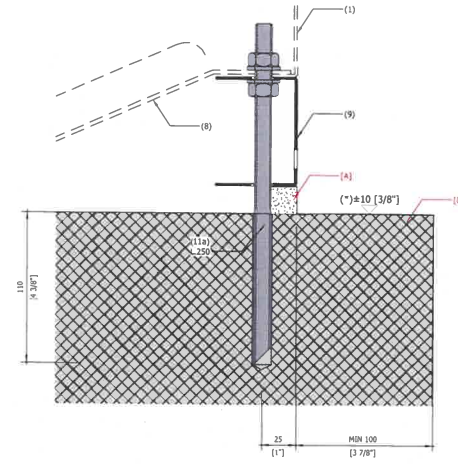
GD1A BASE FRAME + OFFSET PLATE 5mm DETAILS
G2A Scale 1 : 2



GD1G SAFETY FOOTREST SEALING DETAIL (MYRTHA STRUCTURE)
G1 Scale 1:4



GD1H (STRUCTURE WITH OFFSET PLATE)
G2A Scale 1:2.5



GD1A BASE FRAME DETAIL
G1 Scale 1:2

NO.	REVISION	DATE	BY	DESCRIPTION
1				CONCRETE FOUNDATION... BY CONTRACTOR
2				SLAB... BY CONTRACTOR
3				ADJUSTMENT... BY CONTRACTOR
4				SEALING... BY CONTRACTOR
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50				SEALING... BY CONTRACTOR

Stamp

Engineer seal

Project

Mission Oak High School
United States
Competition Pool

TYPICAL SECTIONS and DETAILS

Myrtha Pools
Commercial division of the
A&T EUROPE SPA
4603 Castiglione delle
Stiviere (MN)
TEL: 0376-94061
FAX: 0376-631482
E-mail: info@myrthapools.com
info@piscinacastiglione.it

TECHNICAL DATA

Technology
Myrtha California Gutter

Dimension (R1) Perimeter (R1) 75' - 1" x 164' - 1 1/2" 516'-9"

Surface (R1) 3D Model Water Volume (gal) 12615 771582

N° Project 6122033
Drawing number Scale 0566571 1:2/1:2.5/1:10

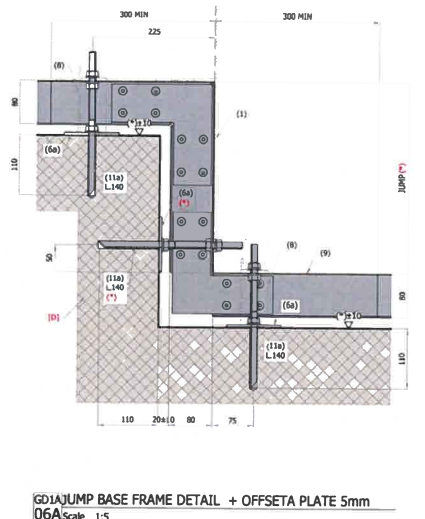
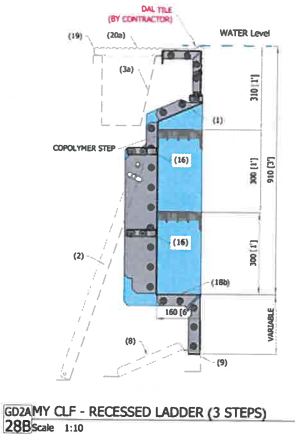
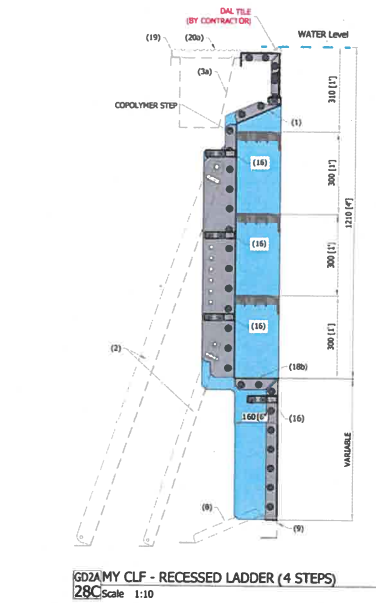
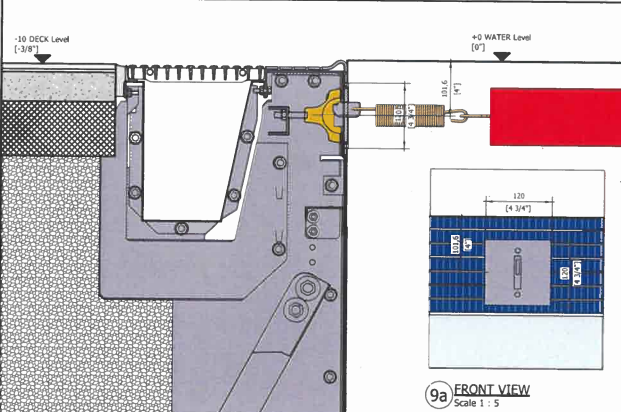
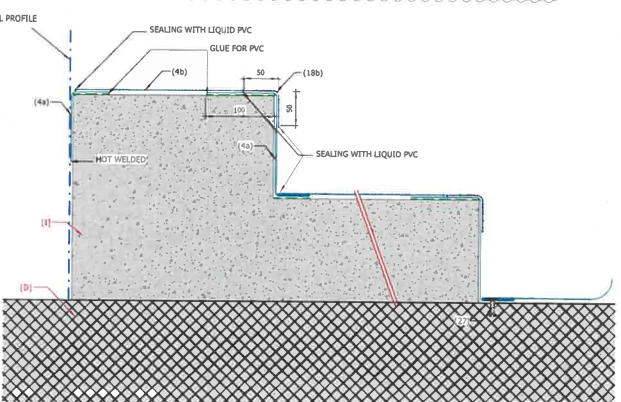
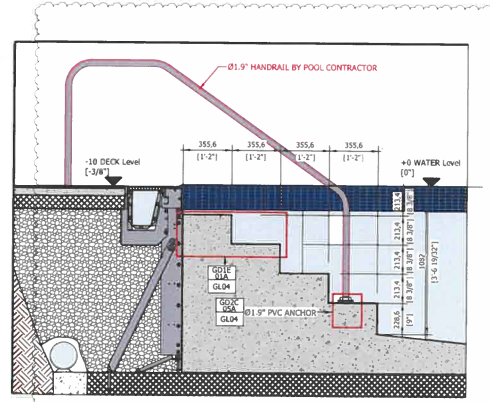
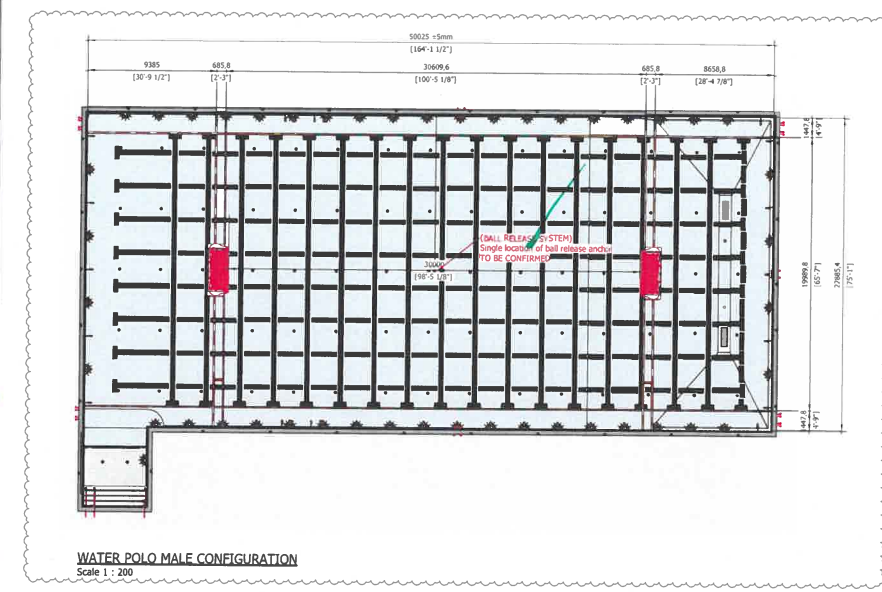
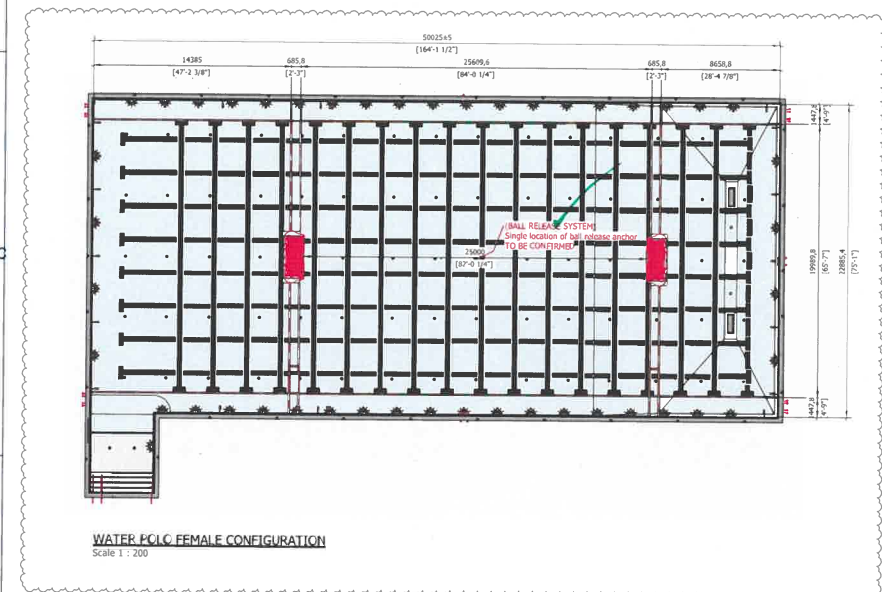
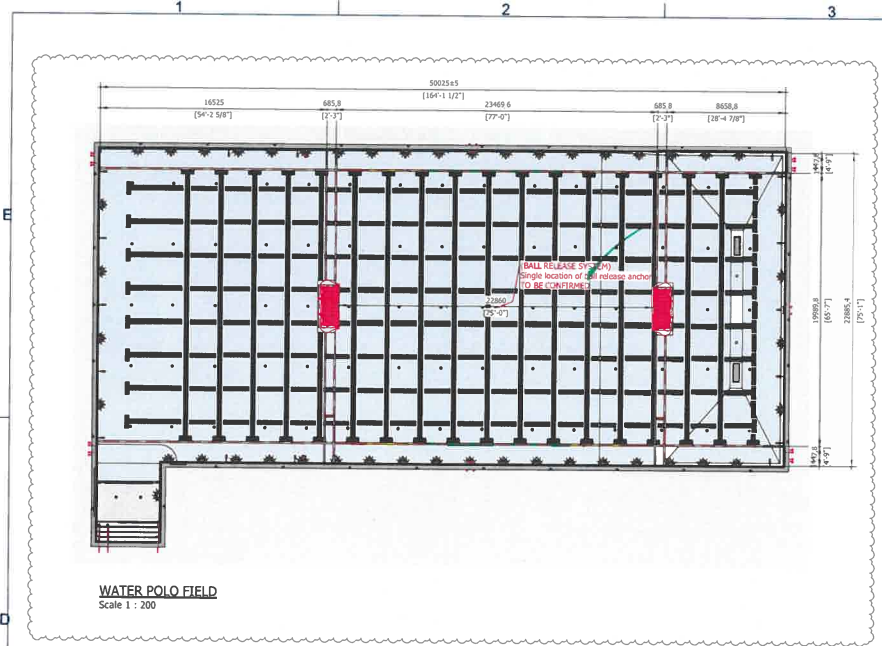
NOTE: NOT FOR CONSTRUCTION

HATCH LEGEND

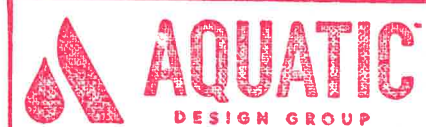
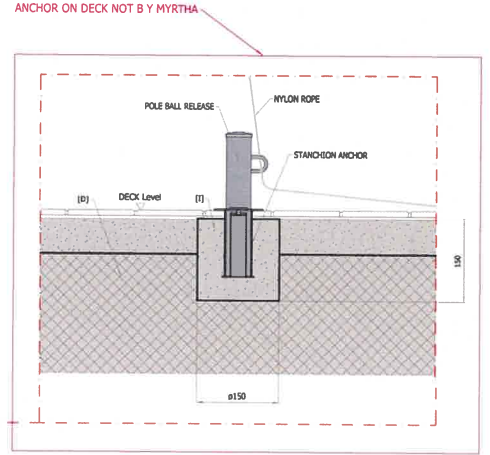
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N° Sheet GL03

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BALL RELEASE SHALL BE COORDINATED WITH CONTRACTOR. SINGLE LOCATION IS ACCEPTABLE.



REVIEWED REVISE & RESUBMIT
 FURNISH AS CORRECTED REJECTED
 RECEIVED FOR RECORD RETURNED WITHOUT REVIEW

This review is for general conformance only and does not constitute an intent and general compliance with the information given in the Contract Documents. Corrections or comments made during this review do not relieve contractor from compliance with all requirements of the Contract Documents. Contractor is responsible for dimensions to be confirmed and coordinated at the jobsite; information that pertains to the fabrication processes, the means, methods, techniques, sequences and procedures of construction, coordination of the Work with that of all other trades; and for performing all work in a safe and satisfactory manner.

Date: 5/24/23 By: DRD

BOTTOM ACCESSORIES		
Nº	DESCRIPTION	Co.
8	MYRTHA BY DALLAS/DAVID DRAIN, 18"x54"	3
9	FLOOR INLET #1.572"	77
10	PVC ANCHOR FOR HANDRAIL #1.57"	3
11	BALL RELEASE ANCHOR	2
12	DRAINAGE #1.1/2"	2

PANEL ACCESSORIES		
Nº	DESCRIPTION	Co.
13	FLOATING LINE ANCHOR	76
14	PALEE-EXPOSED STEPS	3
15	RECESSED STEPS	3

GUTTER ACCESSORIES		
Nº	DESCRIPTION	Co.
16	GUTTER DRAIN #5162-INCH	31

ACCESSORIES BY CONTRACTOR		
Nº	DESCRIPTION	Co.
17	LIGHT PENTAIR INTELLIBRITE	55
18	LIGHT PENTAIR INTELLIBRITE	2

GDCZ PVC HANDRAIL ANCHOR Ø1.9"	
Ø	QTY
113/16"	1
1/2"	1
3/8"	1
1/4"	1
5/16"	1
3/16"	1
1/8"	1
1/16"	1

REVISIONS	
Nº	DESCRIPTION
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TECHNICAL DATA	
Item	Description
1	CONTRACTOR TO VERIFY ALL DIMENSIONS AND CONDITIONS OF THE WORK AREA PRIOR TO CONSTRUCTION.
2	CONTRACTOR TO VERIFY ALL DIMENSIONS AND CONDITIONS OF THE WORK AREA PRIOR TO CONSTRUCTION.
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HATCH LEGEND	
Symbol	Description
[Pattern]	SAND
[Pattern]	STRUCTURAL CONCRETE
[Pattern]	SOFTWALK
[Pattern]	GROUND
[Pattern]	GRAVEL
[Pattern]	CONCRETE FILL
[Pattern]	OTHERS ELEMENTS CUT

Stamp

Engineer seal

Project: Mission Oak High School United States Competition Pool WATER POLO FIELDS - POOL DETAILS

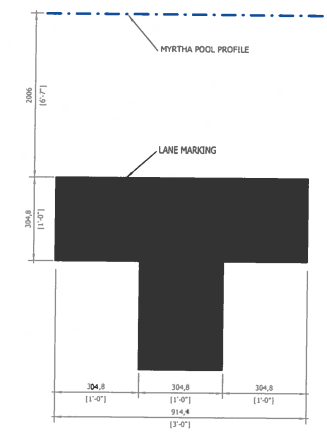
Myrtha Pools
Commercial division of the A&T EUROPE SPA
46043 Castiglione della Pescaia (GR) - Italy
Tel: +39 0564 94081 Fax: +39 0564 63192
Email: info@myrthapools.com info@myrthapools.it

TECHNICAL DATA
Technology: Myrtha California Gutter
Dimension (R): 75" - 1" x 164" - 1 1/2" Perimeter (R): 516" - 9"
Surface (R): 3D Model Water Volume (gall): 771582

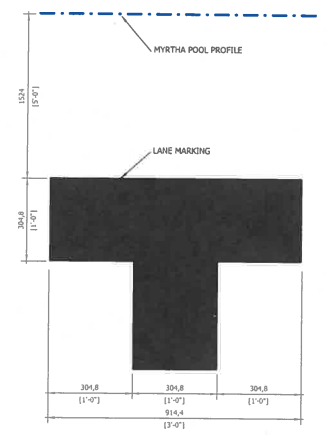
Nº Project: 6122033
Drawing Number: 0566571 Scale: VARIES

NOTE: NOT FOR CONSTRUCTION

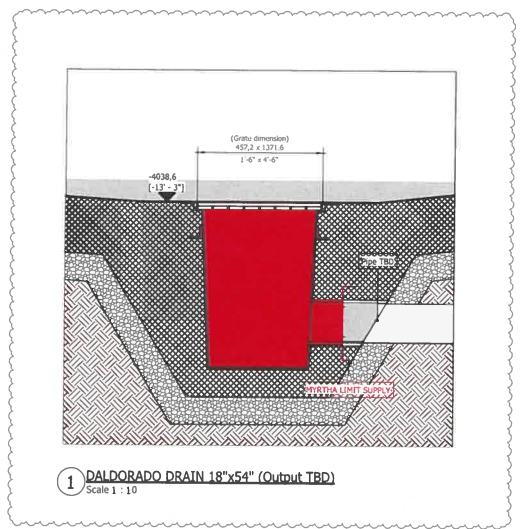
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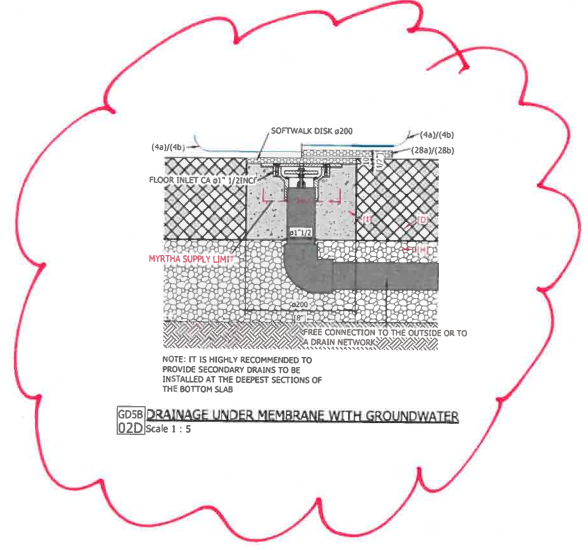
GD3A LANE MARKING USA [3'] [6'-7"]
29D Scale 1 : 10



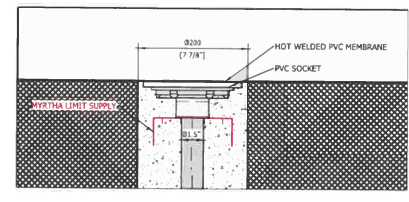
GD3A LANE MARKING USA [3'] [5"]
29B Scale 1 : 10



1 DALDORADO DRAIN 18"x54" (Outlet TBD)
Scale 1 : 10



GD5B DRAINAGE UNDER MEMBRANE WITH GROUNDWATER
Q2D Scale 1 : 5



3 2.5" FLOOR INLET
Scale 1 : 5

AQUATIC DESIGN GROUP

REVIEWED REVISE & RESUBMIT
 FURNISH AS CORRECTED REJECTED
 RECEIVED FOR RECORD RETURNED WITHOUT REVIEW

This review is for general conformance only with design intent and general compliance with the information given in the Contract Documents. Corrections or comments made during this review do not relieve contractor from compliance with all requirements of the Contract Documents. Contractor is responsible for: dimensions to be confirmed and coordinated at the jobsite; information that pertains to the fabrication processes or to the means, methods, techniques, sequences and procedures of construction; coordination of the Work with that of all other trades; and for performing all work in a safe and satisfactory manner.

Date: 5/24/23 By: DRB

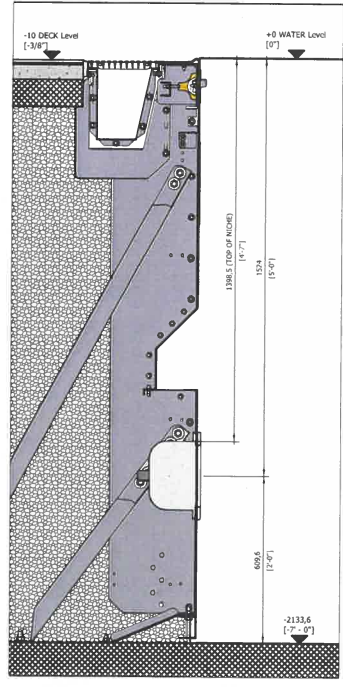
CONTRACTOR + MYRTHA SHALL COORDINATE DRAINAGE UNDER MEMBRANE.

BOTTOM ACCESSORIES		
Nº	DESCRIPTION	Co.
1	MYRTHA BY DALDORADO DRAIN, 18"x54"	2
2	FLOOR INLET ø1.572"	77
GD3C/25A	PVC ANCHOR FOR HORIZONTAL ø1.57"	3
GD3C/10	BALL RELEASE ANCHOR	2
GD5B/02D	DRAINAGE ø1.122"	2

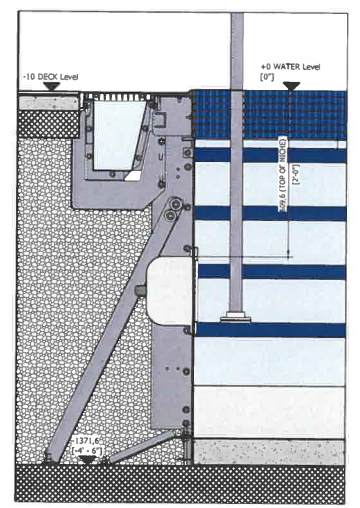
PANEL ACCESSORIES		
Nº	DESCRIPTION	Co.
2	FLOATING LINE ANCHOR	78
GD2A/28B	RECESSED STEPS	1
GD2A/28C	RECESSED STEPS	3

GUTTER ACCESSORIES		
Nº	DESCRIPTION	Co.
7	GUTTER DRAIN ø6160-INCH	31

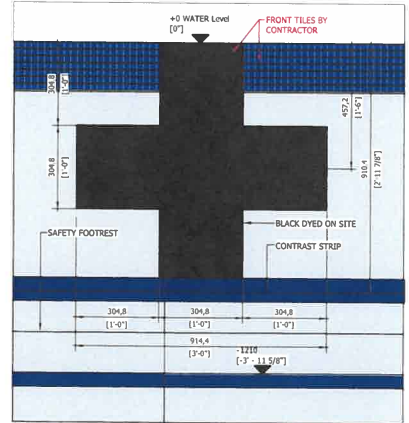
ACCESSORIES BY CONTRACTOR		
Nº	DESCRIPTION	Co.
4	LIGHT PEN TAIR INTELLIBRITE	44
5	LIGHT PENTA W INTELLIBRITE	3



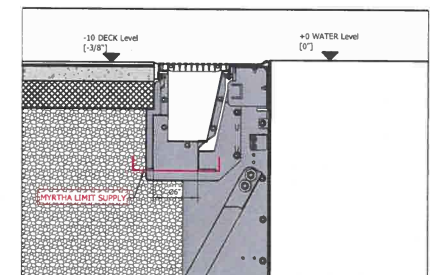
4 UNDERWATER LIGHT (Pentair intellibrte 10 hole niche)
Scale 1 : 10



5 ACCESS RAMP AREA UNDERWATER LIGHT (Pentair intellibrte 10 hole niche)
Scale 1 : 10



6 WALL TARGET
Scale 1 : 10



7 2.5" WELDED GUTTER DRAIN (Qty. to be defined)
Scale 1 : 10

REVISIONS	
Nº	DESCRIPTION
1	BY CONTRACTOR
2	BY ARCHITECT
3	BY ARCHITECT
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50	BY ARCHITECT

Stamp

Engineer seal

Project
Mission Oak High School
United States
Competition Pool
POOL DETAILS

Myrtha Pools
Commercial division of the
A&T GROUP SPA
48043 Castiglione delle
Stiviere (MN)
TEL. 0376-94261
FAX 0376-631482
e-mail: info@myrthapools.com
info@piscinacastiglione.it

TECHNICAL DATA
Technology
Myrtha California Gutter
Dimension (R) Perimeter (R)
75" - 1" x 164" - 1 1/2" 516'-9"
Surface (R) 3D Model Water Volume (gal)
12615 771582

Nº Project
6122033
Drawing number
056571 Scale
1:5/1:10

NOTE: NOT FOR CONSTRUCTION

HATCH LEGEND
SAND
STRUCTURAL CONCRETE
SOFTWALK
GRAVEL
GRAVEL
CONCRETE FILL
OTHER ELEMENTS CUT

Nº Sheet
GL05

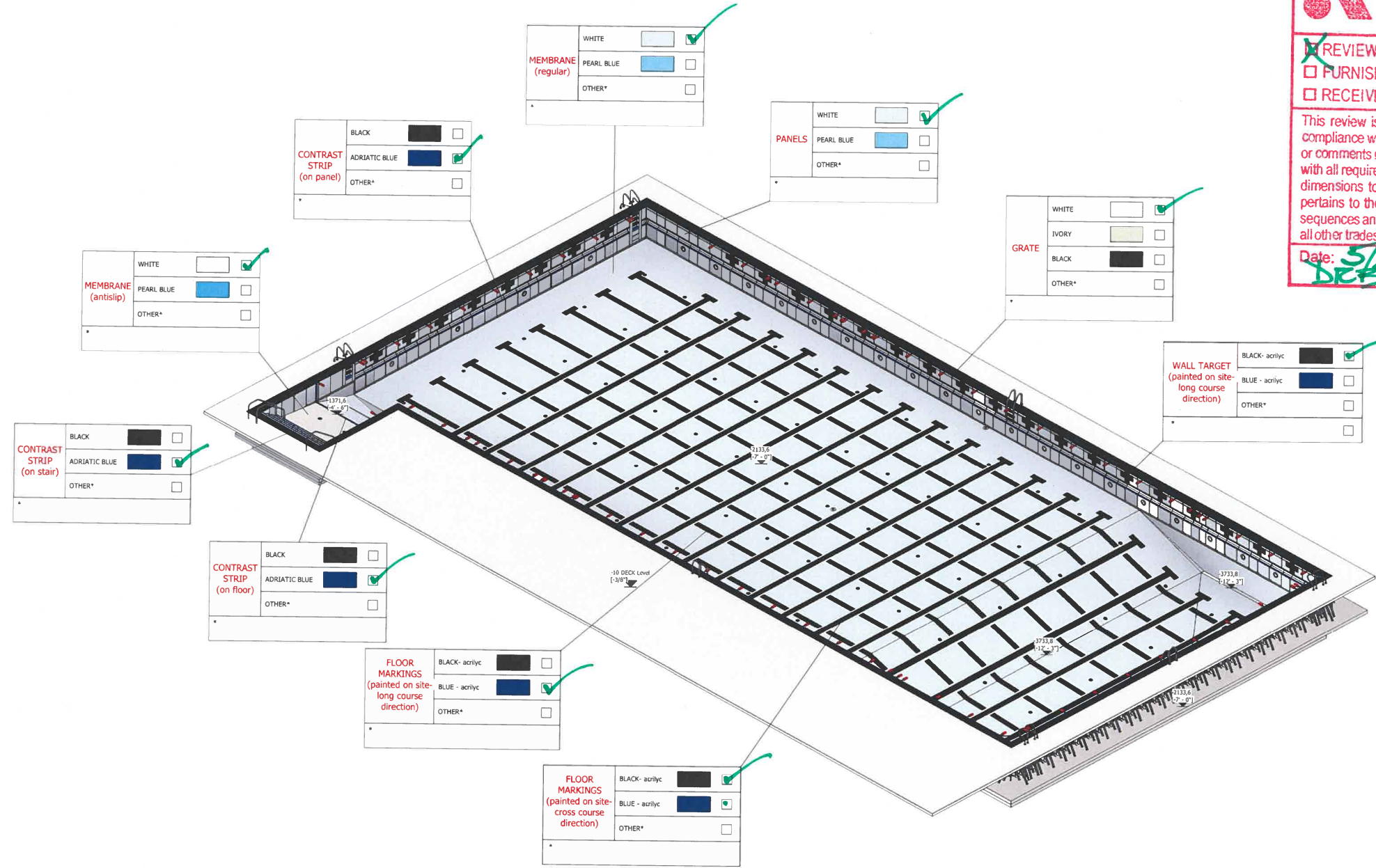
COPYRIGHT RESERVED

AQUATIC
DESIGN GROUP

REVIEWED REVISE & RESUBMIT
 FURNISH AS CORRECTED REJECTED
 RECEIVED FOR RECORD RETURNED WITHOUT REVIEW

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Date: 5/24/23 By: DRB



Stamp

Engineer seal

Project
 Mission Oak High School
 United States
 Competition Pool
 COLOR DETAILS

Myrtha Pools
 Commercial division of the
 A&T ESCAPE SPA
 46001 Castletone oaks
 Simi Valley (CA)
 TEL: 0376-94261
 FAX: 0376-631-482
 e-mail: info@myrthapools.com
 info@myrthapools.com

TECHNICAL DATA

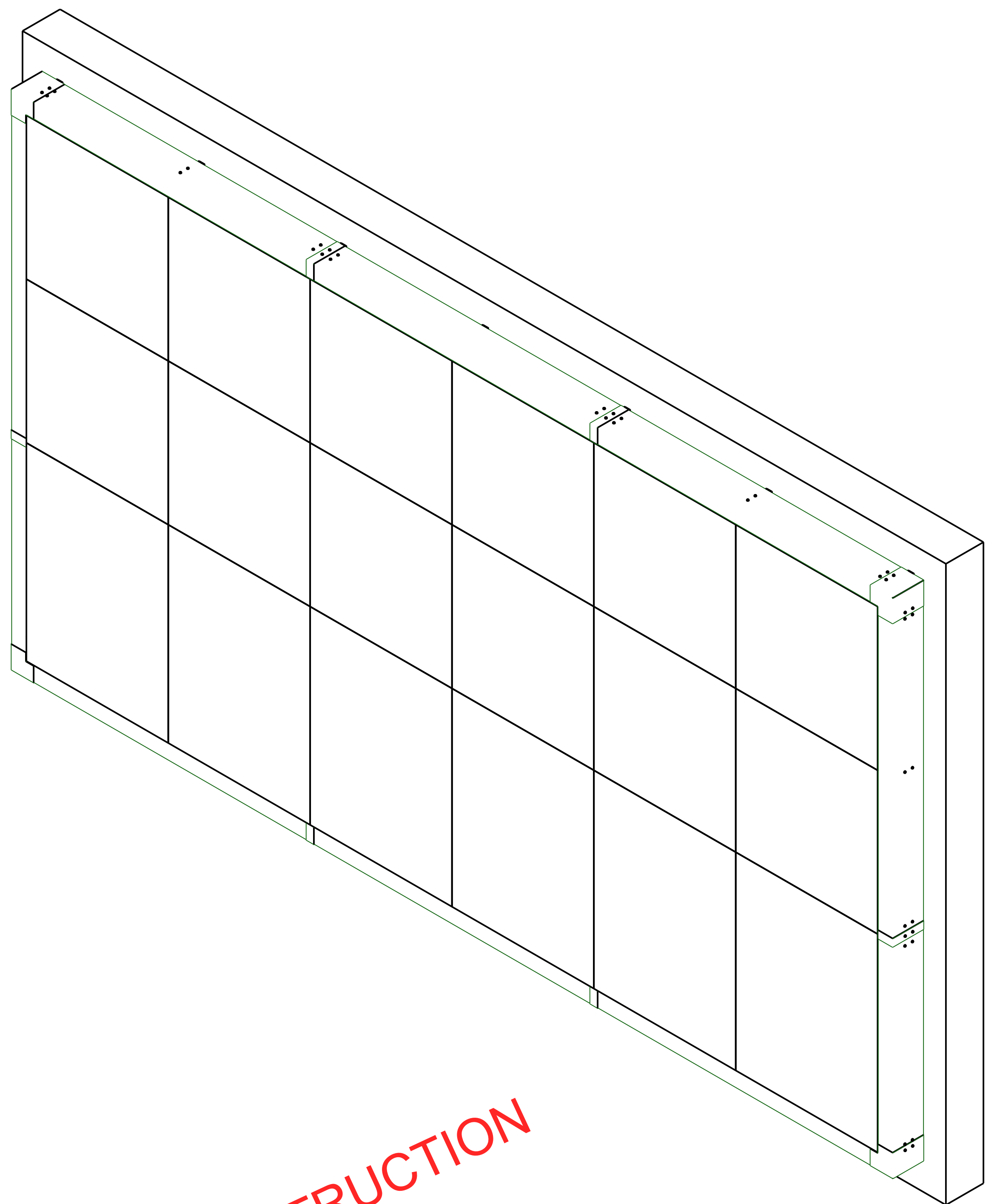
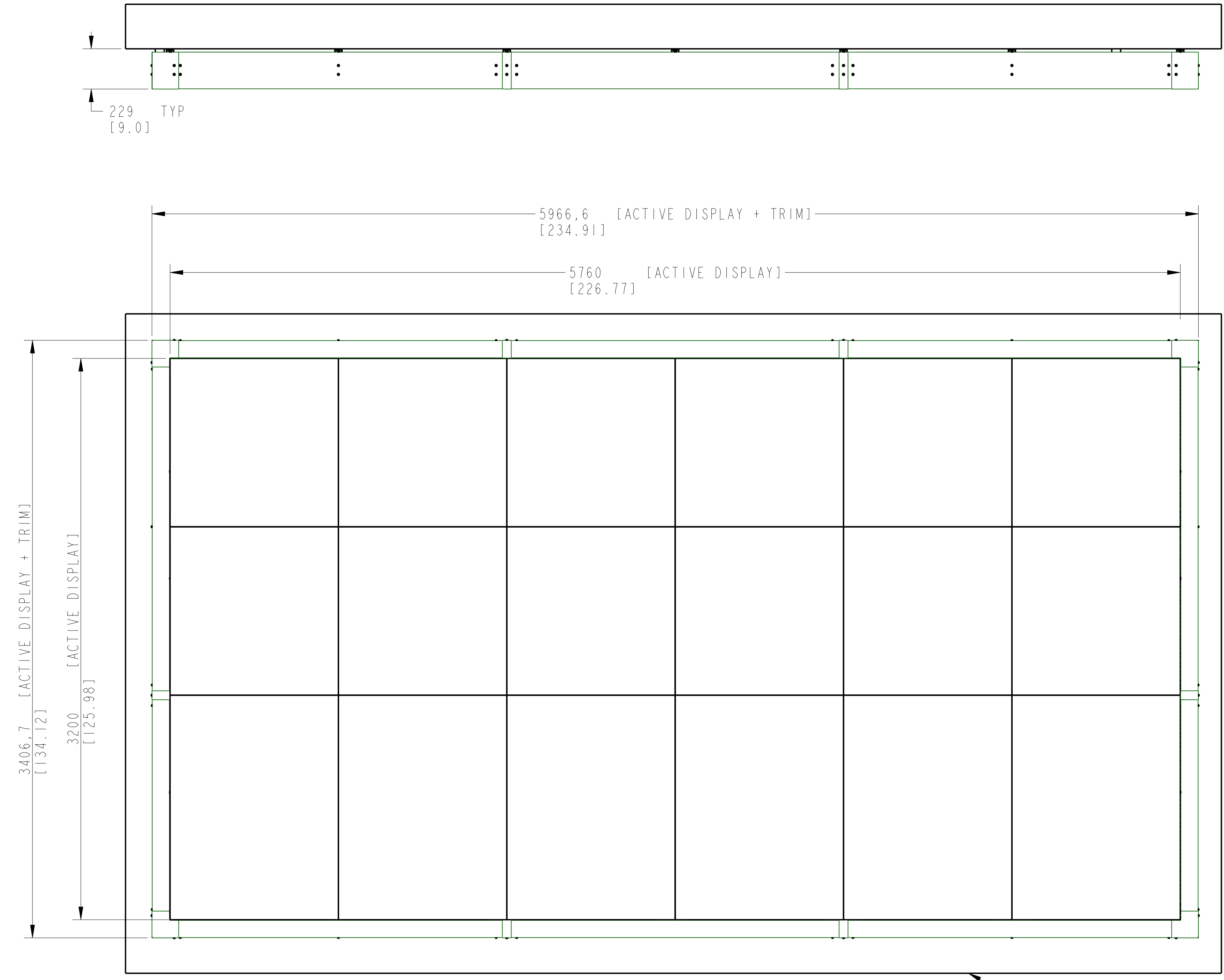
Technology	Myrtha California Gutter
Dimension (ft)	Perimeter (ft)
75' - 1" x 164' - 1 1/2"	516'-9"
Surface (ft²)	3D Model Water Volume (gal)
12615	771582

Nº Project	6122033
Drawing number	0566571
Scale	1:100

NOTE: NOT FOR CONSTRUCTION

HATCH LEGEND

Item	Date	Doc.	Ver.
C	F	R	AN
SAND			
STRUCTURAL CONCRETE			
SOFTWALK			
GROUND			
GRAVEL			
CONCRETE FILL			
OTHER ELEMENTS CUT			



NOT FOR CONSTRUCTION

**NOT FOR DSA APPROVAL
FOR BID INFORMATION ONLY**

- NOTES:
1. NOT FOR CONSTRUCTION- FOR DESIGN INTENT ONLY. VERIFY ALL CONSTRUCTION DETAILS WITH CTS
 2. DIMENSIONS ARE APPROXIMATE AND SUBJECT TO CHANGE DUE TO DETAILED DESIGN CONSIDERATIONS. ONLY APPROVED SHOP DRAWINGS SHOULD BE USED FOR CONSTRUCTION
 3. DESIGN AND CONSTRUCTION OF FRAME IS TO BE APPROVED BY OTHERS AND MUST MEET ALL LOCAL AND NATIONAL BUILDING CODES
 4. CTS ASSUMES NO RESPONSIBILITY FOR INSTALLATIONS PERFORMED BY OTHERS

SYSTEM WEIGHTS:
 - DISPLAY: APPROXIMATELY 2700 LBS [1225 KG]
 - FRAME AND EDGE TRIM: APPROXIMATELY 300 LBS [136 KG]

UNLESS OTHERWISE SPECIFIED:
 VARIATIONS IN FORM FOR UNMACHINED FEATURES ARE PERMITTED WITHIN ESTABLISHED COMMERCIAL STANDARDS. ALL EDGES AND CORNERS 0.005-0.020 (APPROX RADIUS OR CHAMFER)
 - ALL FILLETS 0.005-0.020 (APPROX RADIUS) - SCREW THREADS PER ANSI B1.1 - PIPE THREADS PER ANSI B1.1 - SURFACE ROUGHNESS PER ANSI B46.1 - SURFACE ROUGHNESS ON HOLES 250 MAX

REV	DESCRIPTION	ECO #	DATE	APPROVED
A	INITIAL RELEASE		2022/04/22	VB

INCHES		MM		CHECKED	DATE
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.XXX ±	0.005	.XX ±			
ANGLES ±	0.5				
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FINISH	ASSY				

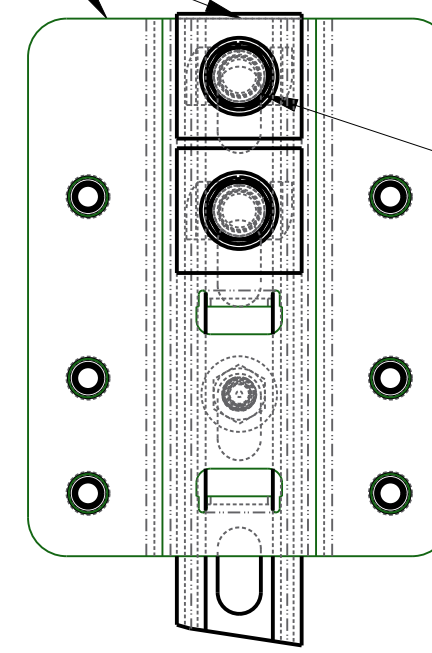
REVISIONS		TRADE SECRET	
DRAWN BY	VB	TITLE	YXX 10MM 320H X 576W
PROJECT No: 2015-020		SMD, FA, OD	
DWG FILE: YXX10S320X576AFO-A		DRAWING NUMBER	YXX10S320X576FO
3D FILE: YXX10S320X576AFO-A		SCALE	0.065
		SHEET	1 of 5



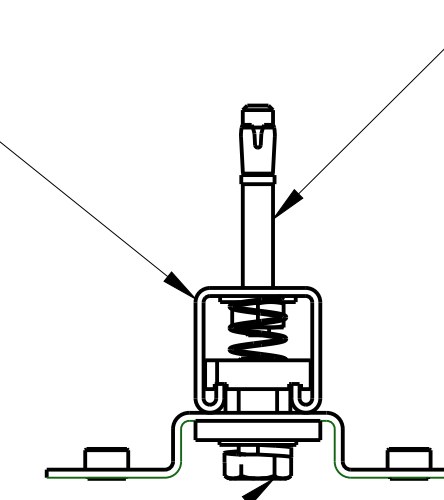
ALWAYS START MOUNTING CABINET BRACKETS FROM THE TOP OF THE UNISTRUT BY ALIGNING TOP EDGE OF THE BRACKET TO TOP FACTORY EDGE OF THE UNISTRUT

AD5-PD02

DETAIL B
SCALE 0.400
CABINET BRACKET MOUNTING
DETAILS TO UNISTRUT



CABINET BRACKET WITH
INTEGRATED NUTS 3/8"-16
UNISTRUT P1000T, 1-5/8" X 3378,2
[133.00]



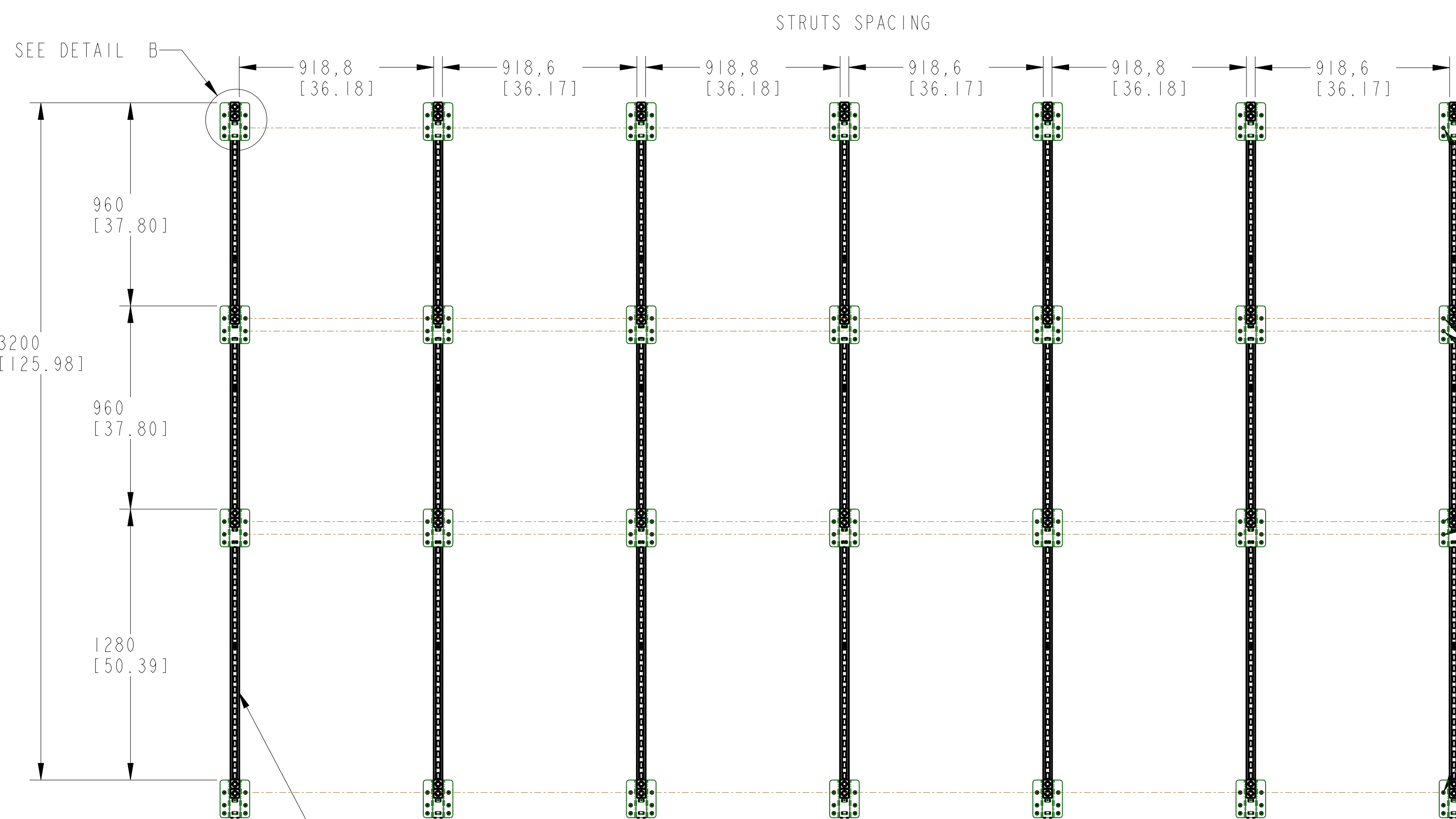
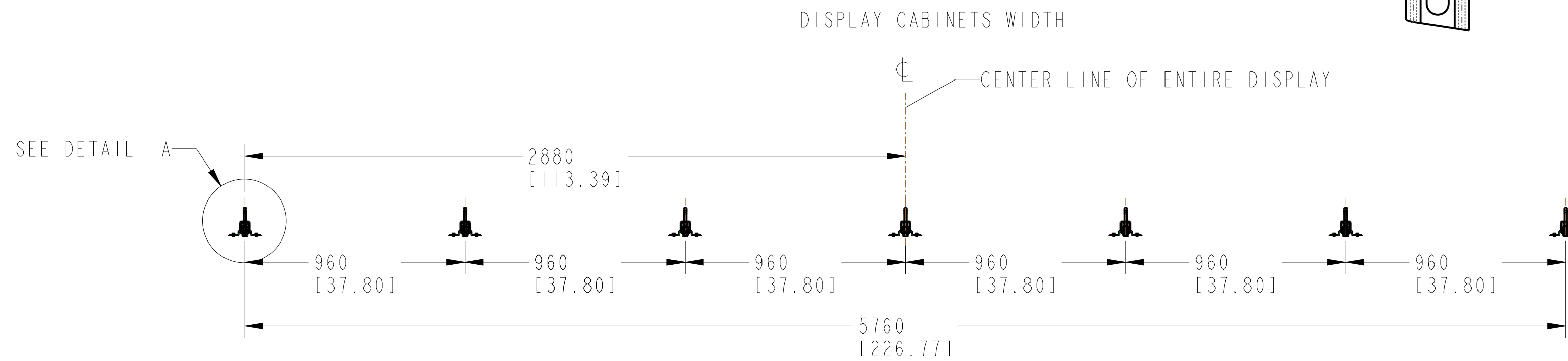
NOTE:

UNISTRUT SECURED TO WALL AND OR STRUCTURE WITH APPROPRIATE MOUNTING HARDWARE FOR INSTALLATION TYPE AND MUST MEET LOCAL AND NATIONAL CODES:

1. INSTALLED IN THE FACE SHELLS OF FULLY GROUTED CMU MASONRY WALLS:
- Ø3/8" X 2-1/2" MIN. EMB. SS ANCHOR HILTI KB3 (ESR 1385) OR SIMILAR
2. INSTALLED IN SOLID CONCRETE WALLS:
- Ø3/8" X 2" MIN. EMB. SS ANCHOR HILTI KB-T2 (ESR 1917) OR SIMILAR
3. INSTALLED INTO HOLLOW CONCRETE BLOCK AND BRICK:
- Ø3/8" X 1-1/2" MIN. EMB. SS ANCHOR RED HEAD DYNABOLT SHN-3817 OR SIMILAR
4. INSTALLED INTO STRUCTURE (1/8"-7/8")
CLAMPING THICKNESS
- HOLLO-BOLT ANCHOR LHBM08 OR SIMILAR

BRACKET SECURED TO UNISTRUT USING HARDWARE:
- NUT: UNISTRUT P1010- 1/2"-13
- WASHER SQ Ø1/2", STRUT CHANNEL
- FLAT WASHER 1/2"
- LOCK WASHER 1/2"
- BOLT: 1/2"-13 X 1-1/4", TORQUE 50 FT LBS
2 LOCATIONS PER BRACKET

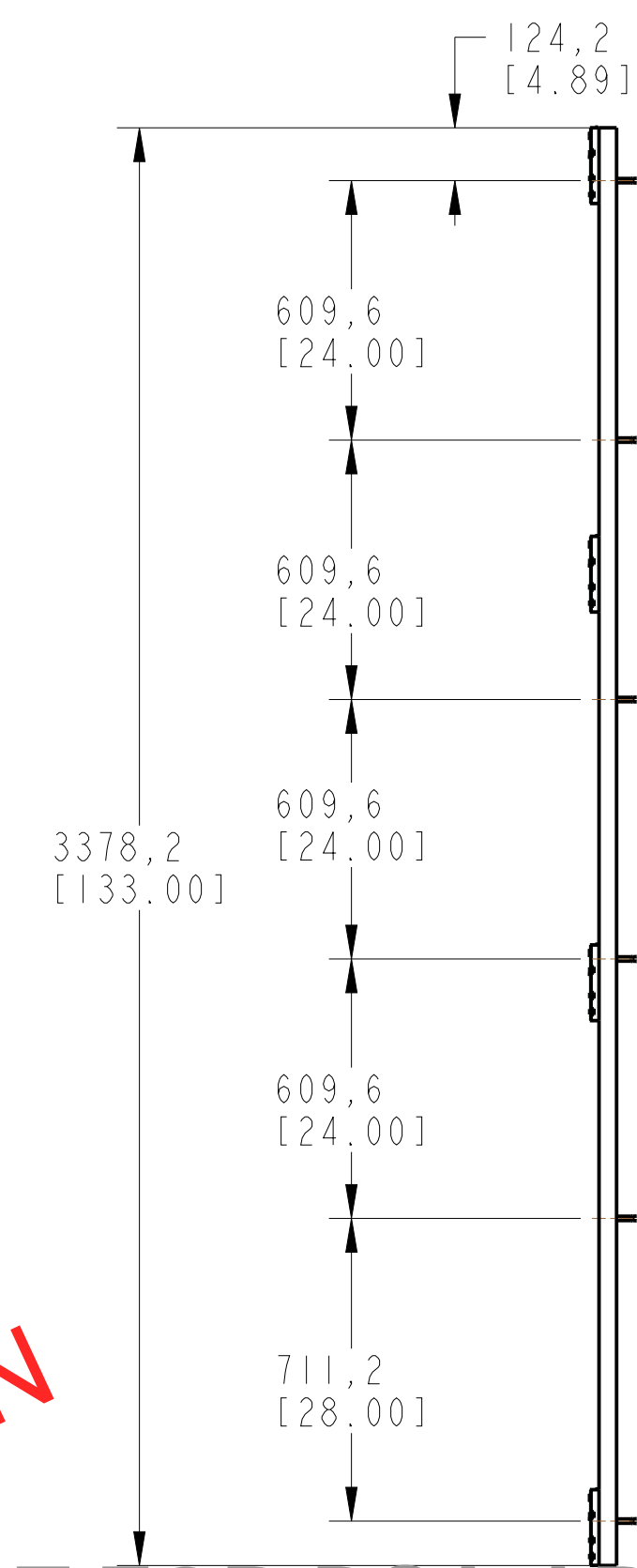
DETAIL A
SCALE 0.400
ANCHORS DETAIL AND CABINET
BRACKET MOUNTING DETAILS TOP VIEW



THESE CENTER LINES INDICATE WHICH HOLES ARE USED FOR MOUNTING OF THE CABINETS

CABINET BRACKET PROVIDED BY CTS MUST BE ALIGNED USING MOUNTING TEMPLATE

ANCHORS VERTICAL LOCATION

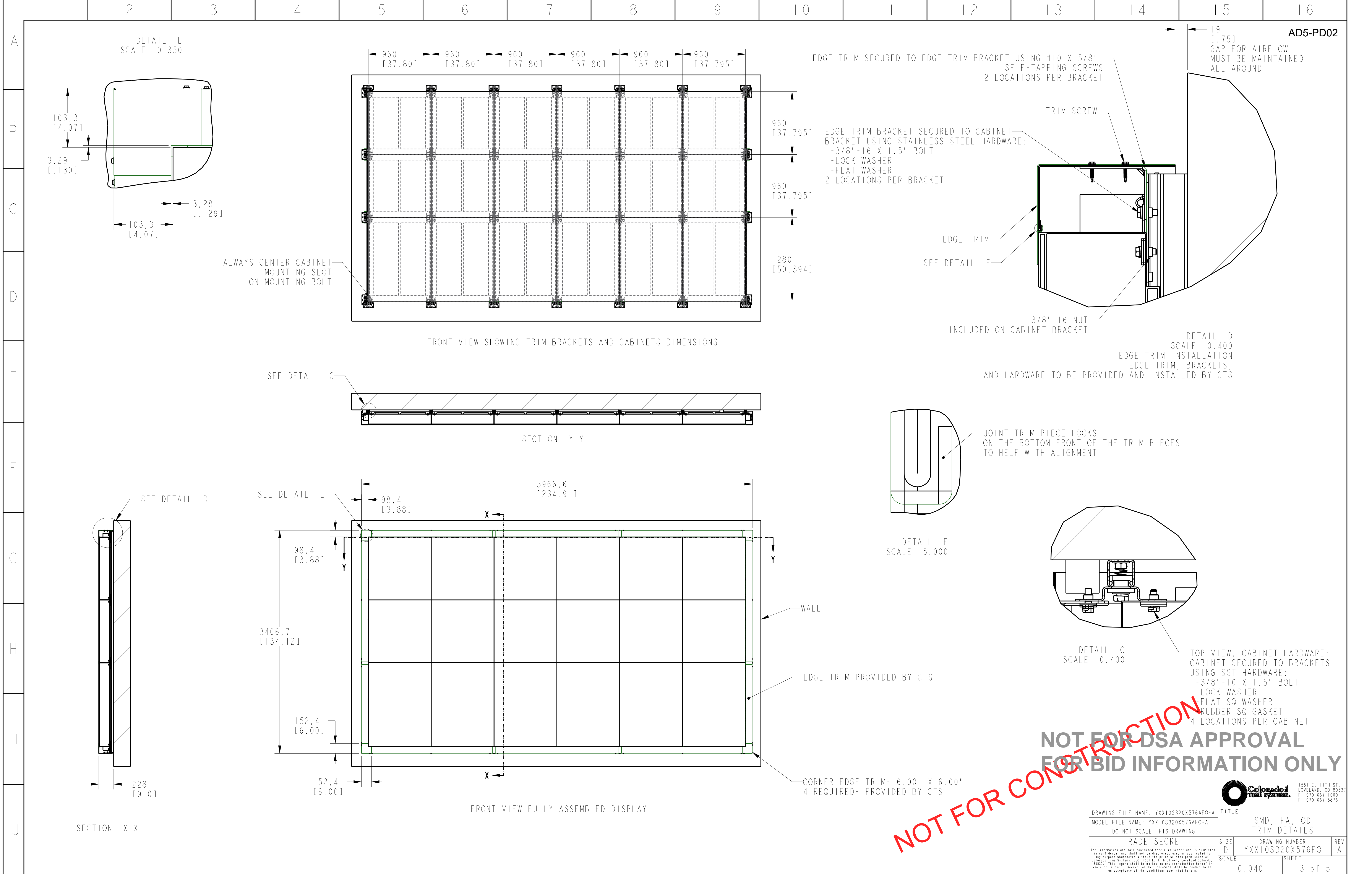


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DRAWING FILE NAME: YXX10S320X576AFO-A		TITLE: YXX 10MM 320H X 576W STRUCTURAL DETAILS	
MODEL FILE NAME: YXX10S320X576AFO-A		DRAWING NUMBER: YXX10S320X576FO	
DO NOT SCALE THIS DRAWING		SIZE: D	REV: A
TRADE SECRET		SCALE: 0.060	SHEET: 2 of 5
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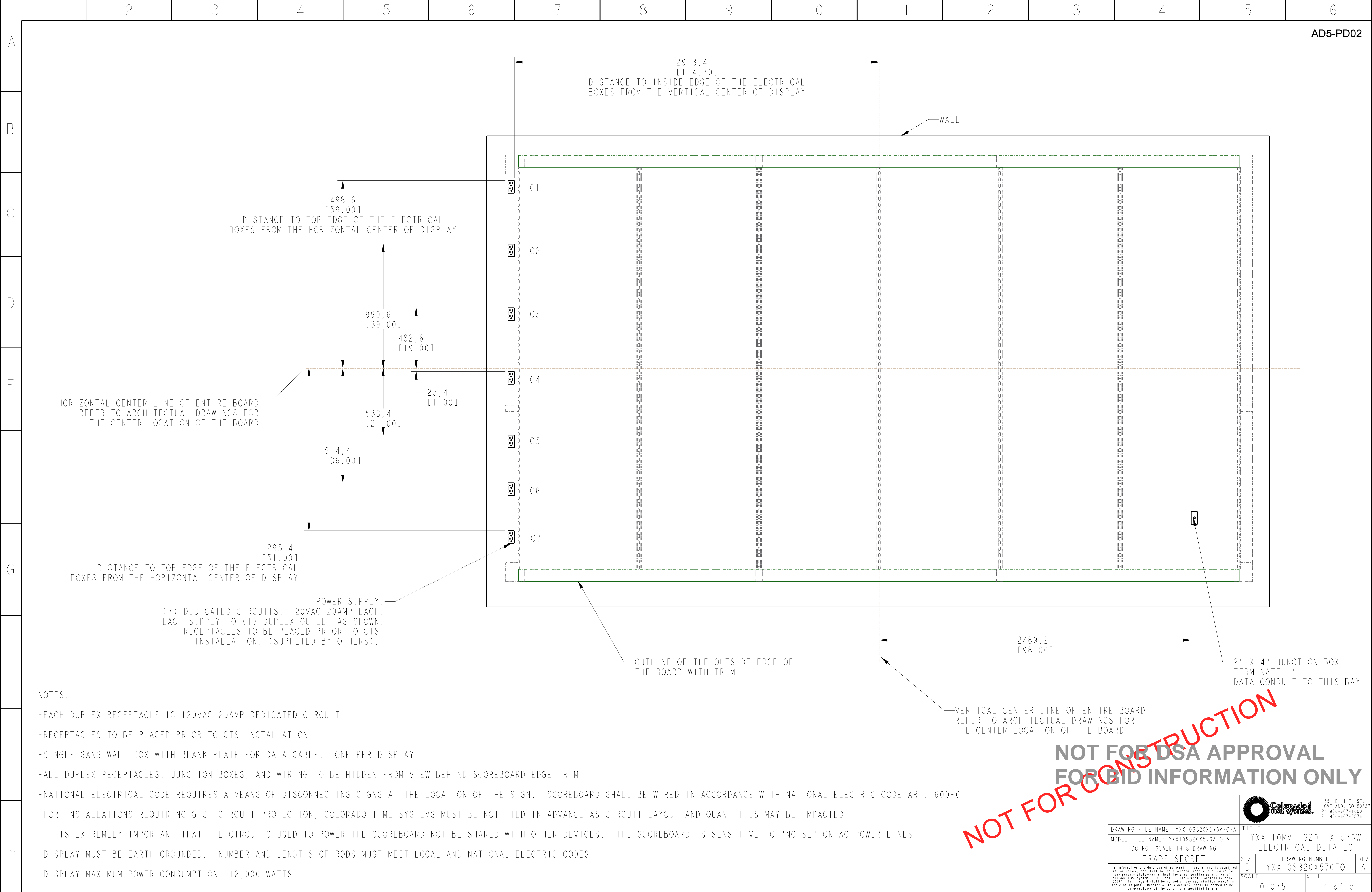
Colorado Time Systems
1551 E. 11TH ST.
LOVELAND, CO 80537
P: 970-667-1000
F: 970-667-5876



DRAWING FILE NAME: YXX10S320X576AFO-A		TITLE	
MODEL FILE NAME: YXX10S320X576AFO-A		SMD, FA, OD TRIM DETAILS	
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TRADE SECRET		D	YXX10S320X576FO
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		0.040	3 of 5



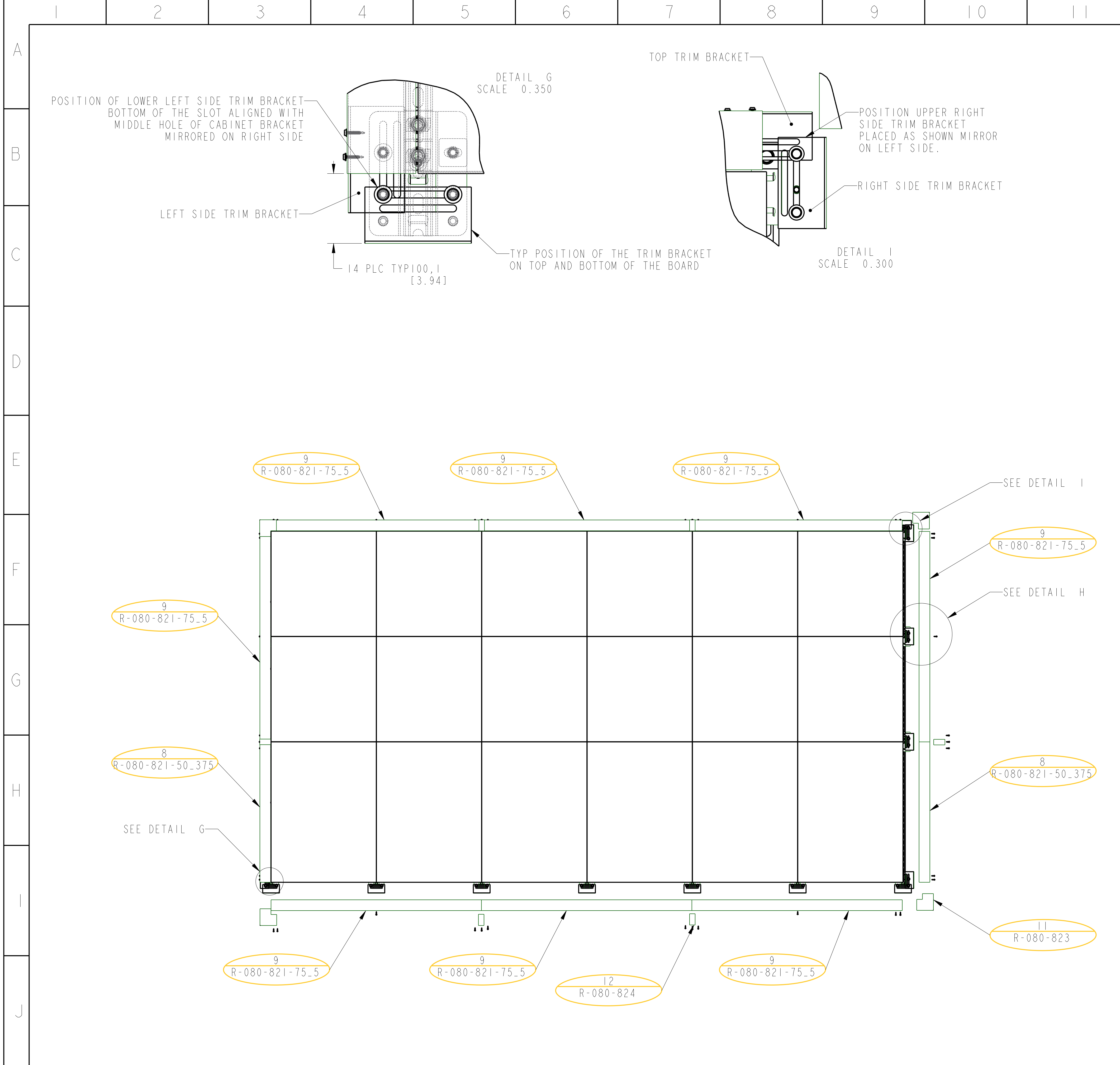
1551 E. 11TH ST.
LOVELAND, CO 80537
P: 970-667-1000
F: 970-667-5816



NOTES:

- EACH DUPLEX RECEPTACLE IS 120VAC 20AMP DEDICATED CIRCUIT
- RECEPTACLES TO BE PLACED PRIOR TO CTS INSTALLATION
- SINGLE GANG WALL BOX WITH BLANK PLATE FOR DATA CABLE. ONE PER DISPLAY
- ALL DUPLEX RECEPTACLES, JUNCTION BOXES, AND WIRING TO BE HIDDEN FROM VIEW BEHIND SCOREBOARD EDGE TRIM
- NATIONAL ELECTRICAL CODE REQUIRES A MEANS OF DISCONNECTING SIGNS AT THE LOCATION OF THE SIGN. SCOREBOARD SHALL BE WIRED IN ACCORDANCE WITH NATIONAL ELECTRIC CODE ART. 600-6
- FOR INSTALLATIONS REQUIRING GFCI CIRCUIT PROTECTION, COLORADO TIME SYSTEMS MUST BE NOTIFIED IN ADVANCE AS CIRCUIT LAYOUT AND QUANTITIES MAY BE IMPACTED
- IT IS EXTREMELY IMPORTANT THAT THE CIRCUITS USED TO POWER THE SCOREBOARD NOT BE SHARED WITH OTHER DEVICES. THE SCOREBOARD IS SENSITIVE TO "NOISE" ON AC POWER LINES
- DISPLAY MUST BE EARTH GROUNDED. NUMBER AND LENGTHS OF RODS MUST MEET LOCAL AND NATIONAL ELECTRIC CODES
- DISPLAY MAXIMUM POWER CONSUMPTION: 12,000 WATTS

DRAWING FILE NAME: YXX10S320X576AFO-A MODEL FILE NAME: YXX10S320X576AFO-A DO NOT SCALE THIS DRAWING		TITLE YXX 10MM 320H X 576W ELECTRICAL DETAILS	
TRADE SECRET		SIZE D	DRAWING NUMBER YXX10S320X576FO
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		SHEET 4 of 5	



BILL OF MATERIAL				AD5-PD02	
ITEM	QTY	DESCRIPTION	CTS P/N, REV	MFG P/N	
1	1	WALL FOR REFERENCE ONLY,	WALL		
2	112	BOLT- SST- HHCS, 3/8"-16 X 1"	R-011-068	--	
3	56	WASHER SPLIT 1/2", ZINC-PLATED	R-011-157	--	
4	56	BOLT- STEEL- HHCS, 1/2-13 X 1.25", ZINC-PLATED	R-011-160	--	
5	40	WASHER FLAT, 3/8", SST	R-011-280	--	
6	56	WASHER FLAT 1/2", NARROW, ZINC-PLATED	R-011-386	--	
7	28	BRACKET, CABINET, YAHAM BOARD	R-080-814 B1	--	
8	2	TRIM, YAHAM BOARD	R-080-821-50_375 B	--	
9	8	TRIM, YAHAM BOARD	R-080-821-75_5 B	--	
10	22	BRACKET TRIM, YAHAM BOARD	R-080-822 A1	--	
11	4	TRIM CORNER, YAHAM BOARD	R-080-823 A2	--	
12	6	TRIM, JOINT, YAHAM BOARD	R-080-824 B	--	
13	42	ANCHOR, EXPENTION, KWIK BOLT 3, SST 3/8"x3"	010-016	282567	
14	80	SCREW #10 X 3/4 UNSLOT HEX WASHER HEAD, SELF DRILLING 410SS	R-011-385	10N75UH4/TEK3	
15	112	WASHER SPLIT, 3/8",	R-011-104	92147A033	
16	6	YAHAM FAMILY, CABINETS	1280X960 A	OTS-YAHAM	
17	12	YAHAM FAMILY, CABINETS	960X960 A	OTS-YAHAM	
18	72	WASHER, RUBBER, SQ	OTS	OTS-YAHAM	
19	72	WASHER, STEEL, SQ	OTS	OTS-YAHAM	
20	56	WASHER SQ, STRUT CHANNEL, ZINC-PLATED	010-028	P-1064	
21	7	UNISTRUT P1000T, 12 GAGE, 1-5/8" x 1-5/8", SLOTTED	L-133.00	P1000T	
22	56	UNISTRUT NUT 1/2"-13, FOR 1-5/8" STRUT	R-011-106	P1010	
23	1	DATA RECEPTACLE,	REF ONLY	REF ONLY	
24	7	DUPLEX RECEPTACLE,	REF ONLY	REF ONLY	

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DRAWING FILE NAME: YXX10S320X576AFO-A		TITLE: YXX 10MM 320H X 576W	
MODEL FILE NAME: YXX10S320X576AFO-A		SMD, FA, OD	
DO NOT SCALE THIS DRAWING			
TRADE SECRET		SIZE D	DRAWING NUMBER
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		0.055	5 of 5