



**ST. CLAIR CATHOLIC**  
**DISTRICT SCHOOL BOARD**  
*Lighting the Way ~ Rejoicing in Our Journey*

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***ADDENDUM # 002***

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**St. John Fisher Catholic School**  
**44 Main Street**  
**Forest, Ontario**

**Site Improvements Phase II**

**Project No. 632-CP1709**

RWAI Project No. 1654

Documents prepared by:

St. Clair Catholic District School Board

AND

Randy Wilson Architect Inc.  
Suite 1Q, 280 Queens Avenue  
London, Ontario N6B 1X3

Issue Date:  
April 28, 2017

*This addendum forms part of the Contract Bid Documents and amends the original drawings and specifications issued for Bid on April 7, 2017*

**TABLE OF CONTENTS**

ADDENDUM # 1 (Including cover) 6 pages

Attachments forming part of this addendum

Architectural Drawings	7 sheets
Civil Drawings	2 sheets
Structural Sketches	3 pages

TOTAL PAGE COUNT FOR THIS ADDENDUM	18 Pages
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**PART A – GENERAL**

**1.1 NON-MANDATORY SITE VIST REVIEW/QUESTIONS**

The SCCDSB and RWAI clarified at the beginning of the meeting that the Site Visit is a NON\_MANDATORY visit. The Board will receive offers for any general contractor that are not in the list below.

**St John Fisher - Tender Bid Non-Mandatory Site Visit List**

Company	Name of Representative	Phone Number/Email
SEM Const.	Thomas Brown	519-432-3335
Sarcor Rebar	Dante Vozza	226-402-2200 dante@sarcorrebar.com
BHGC	Andrew Clark	519-344-4855 info@BH-GC.com
Brandon Contractors		519-383-8895 brandoncontractors@bellnet.ca
Tonda Construction	Bob Anderson	
C&C Construction	Peter Nicholas	519-336-3430 x. 107 pnicholas@ccconst-eng.com
Dixin Const	Nick Vario	nick@dixinconstruction.com 519-344-1161
SevCon Paving	Ric	Ric.sevconpaving@cogeco.net
Wellington Builders	Jake Wellington	jake@wellingtonbros.com

**Questions from General Contractors:**

- a. Question:  
What is included in Separate price #1 and #2?  
Answer:  
Please refer to the revised drawings as part of this Addendum for Scope of Work. It remains the responsibility of the contractor to make themselves familiar with the requirements for the bid and conduct themselves accordingly.
- b. Question:  
Note (1) in drawing A010 said "existing asphalt to remain". Is there existing asphalt around playground area?  
Answer:  
Please refer to the revised drawings as part of this Addendum for Scope of Work.
- c. Question:  
In the small area with steps, located at the North-west corner the existing pea stone need to be removed? Does any work need to be done in the existing steps?  
Answer:  
Existing pea stone is to be removed from the area indicated in the drawings before Engineered Wood Fiber installation. The only steps that need to be restored are the ones that could be affected by the construction of the retaining wall. Refer to Civil Drawings from BMROSS Engineering.
- d. Question:  
The new border timbers will be installed on top of the existing?  
Answer:  
Please refer to the revised drawings as part of this Addendum for Scope of Work. The BP-10 border Timber to define playground area is removed from the scope of work.
- e. Question:  
Structural drawing S1 shows concrete slab. Please clarify is the project will use concrete or permeable asphalt?  
Answer:  
Only permeable asphalt will used in the large surfaces. Only the stair will be built with concrete. Refer to revised Structural Drawings issued as part of this addendum.
- f. Question:  
Do we need to carry an allowance for Site or Building permit?  
Answer:  
The architect will apply for the required permits.
- g. Question:  
If Separate price #1 and #2 are not accepted as part of this contract. Does the General Contractor use that area as a Construction access? What happens if the asphalt gets damaged?  
Answer:  
The contractor will access the site by the most direct route from the south off Queen Street at the east entry. The contractor is to carry replacement asphalt in the base bid. The Separate Price #1 should reflect the cost difference accordingly.

## 1.2 TENDER QUESTION(S)

- h. Question:  
Wood fencing in brown or Pt. finish?  
Answer:  
Pressure Treated.
- i. Question:  
Is there a detail for weeping tile indicates a no.2.03 ?  
Answer:  
Final design is provided in Civil Engineering Drawings as updated drawings forming part of this addendum.
- j. Question:  
Is there new line painting on this project and where?  
Answer:  
No asphalt line paintings is necessary at this point
- k. Question:  
Extent of sodding. Is it just at entrances and edges of pavement if needed?  
Answer:  
Grass restoration is required at reconstructed driveway entrance from Main Street, over area of exfiltration trenches and any areas disturbed during construction. All existing grass areas disturbed by construction must be restored as part of this work. Areas of restoration must be fenced to prevent foot traffic allowing restored areas the ability to grow.
- l. Question:  
Is there a drawing showing any underground electrical or other services?  
Answer:  
We are not aware of any reference drawings indicating any existing underground services on site. The contractor will be responsible to complete all utility locates prior to commencement of any work.
- m. Question:  
Intent for painting?  
Answer:  
Painting will be required in the classroom where the door infill has occurred. The contractor is to carry 1block filler prime coat rolled into new block and two coats of paint. Total face area of work to be 30m<sup>2</sup>
- n. Question:  
The drawings show a bench no.1 and a no.2 is this a location only but not a material supply?  
Answer:  
Refer to Addendum Drawings.

- o. Question:  
The base bid metal is to use aluminium for all guards, and hand rails. The alternate price is for Galvanized Steel expressed as a difference in price?  
Answer:  
Yes. Either as an increase in the base price or decrease in the base price.  
If galvanized steel is selected and the metal works are not in place by school opening the contractor is to provide temporary barriers to prevent access to the edge of the retaining wall to prevent falls. The cost of the temporary fencing for this consideration must be included by the contractor in their bid pricing.
- p. Question:  
Detail of wall structure at closed in FDK doorway?  
Answer:  
Refer to Addendum Drawings.
- q. Question:  
Per Addendum #001, issued April 19, please be advised that on page 12 of the 120 page bid document, Instructions to Bidders, page 4, Item 1.07.2.2 is in conflict with Items 1.07.2.5 and 1.07.2.6. Please advise if required.  
Answer:  
Site Visit on April 20, 2017 at 4:00pm is a NON\_MANDATORY Site visit. School Board will receive all bids that comply with the conditions of the tender.

## **PART B – SPECIFICATIONS**

- Refer to: INSTRUCTIONS TO BIDDERS, page 4  
Section 1.07.2.6 Revise to Read:
- .6 *All bids that comply with the conditions of the tender will be received from General Contractors whether or not they attended the non-mandatory Site Examination and Bidders Briefing.*
- Refer to: GENERAL CONDITIONS, page 2  
Section 1.0 .3 .1 Revise to Read:
- .1 *The contractor shall pay for any permits required by authorities having jurisdiction with the exception of Site Plan Approval and Building Permit. All other permits shall be paid for by the Contractor including the Ministry of Labour Notice of Project. The Contractor shall submit applications for permits to the Owner for review before filing. The Contractor shall pay all Federal, Provincial and Local taxes, and duties, of whatever character and description, incident to performance of the Contract.*

## **PART C – ARCHITECTURAL DRAWINGS**

Drawings attached to this addendum are reissued for clarity. There are no major changes in the work, however due to the number of minor corrections, the complete architectural set has been reissued as part of this Addendum.

**PART D – STRUCTURAL SKETCHES**

SK-1  
SK-2  
SK-3

**PART E – CIVIL DRAWINGS**

Drawings attached to this addendum are reissued for clarity.

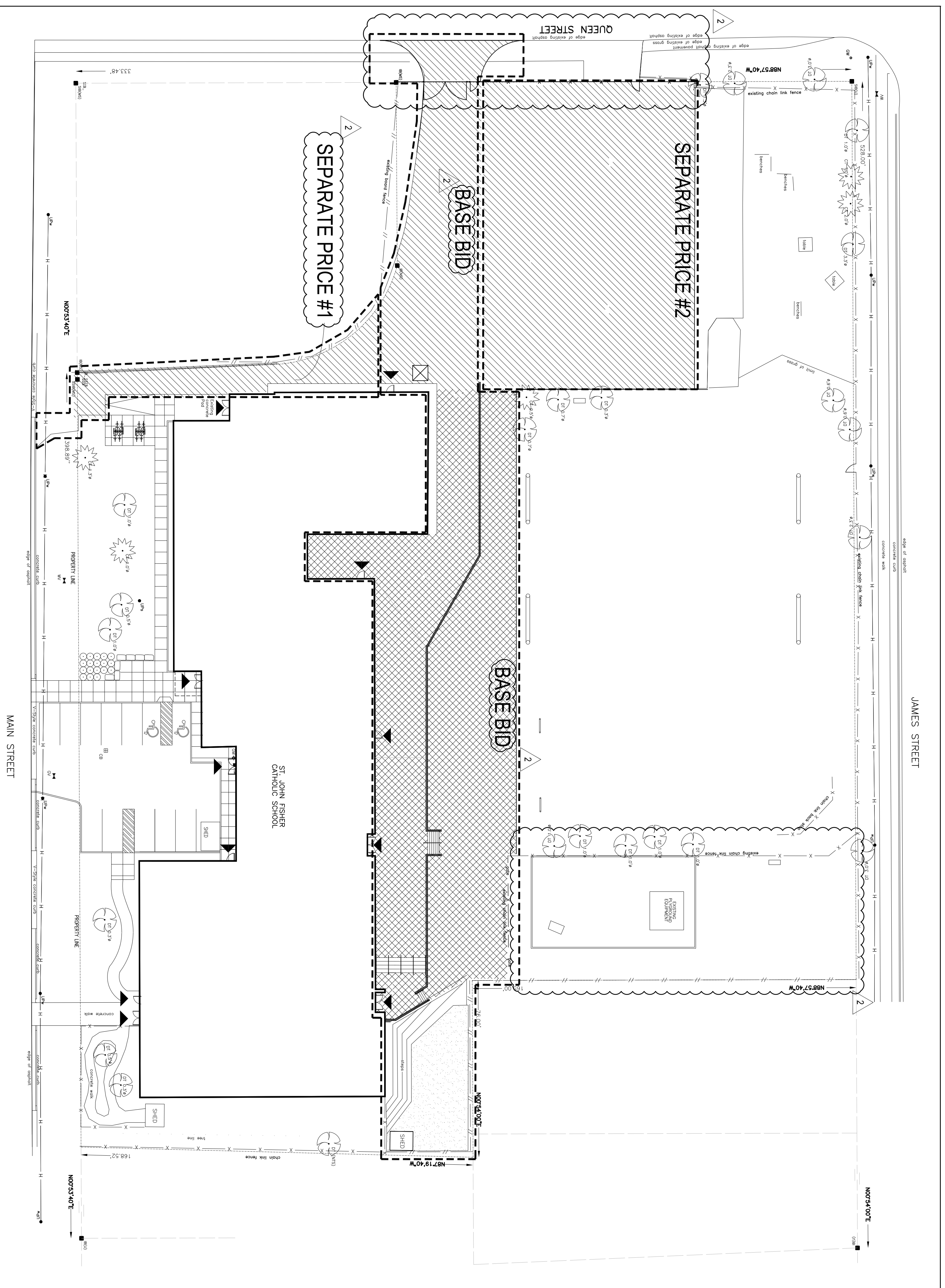
17037-01  
17037-02

**END OF ADDENDUM # 002**

# ST. CLAIR CATHOLIC DISTRICT SCHOOL BOARD

## ST. JOHN FISHER CATHOLIC SCHOOL

44 MAIN STREET N.  
FOREST, ONTARIO N0N 1J0



1 KEY PLAN AREAS OF WORK  
SCALE = 1:300

**ARCHITECTS**  
**RANDY WILSON ARCHITECT INCORPORATED**  
 280 QUEENS AVE. SUITE 10,  
 LONDON, ONTARIO  
 N6B 1X3  
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 F: (519) 438-5962

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**B.M. ROSS AND ASSOCIATES LIMITED**  
 62 NORTH STREET,  
 GODERICH, ONTARIO  
 N7A 2T4  
 T: (519) 524-2641  
 F: (519)-524-4403

**STRUCTURAL ENGINEER**  
**VANBOXMEER & STRANGES LIMITED**  
 458 QUEENS AVE.,  
 LONDON, ONTARIO  
 N6B 1X9  
 T: (519) 433-4661  
 F: (519) 433-6420

2 PROJECT CONSULTANTS  
 SCALE = N.T.S.

**ARCHITECTURAL**

A000 PROJECT COVER PAGE  
 D010 DEMOLITION SITE PLAN  
 A010 SITE PLAN  
 A100 ENLARGED PLANS  
 A200 BUILDING ELEVATIONS  
 A201 RETAINING WALL ELEVATIONS  
 A202 STAR ELEVATIONS  
 A600 SECTIONS AND DETAILS  
 A601 SITE FENCING DETAILS AND GUARD DETAILS

**CIVIL**

C001 SITE PLAN - SERVICING AND GRADING  
 C002 NOTES AND DETAILS

**STRUCTURAL**

S1 STRUCTURAL

3 DRAWING LIST  
 SCALE = N.T.S.

DETAILS OF ELEMENT ST. JOHN FISHER  
 44 MAIN STREET N, FOREST, ONTARIO

ZONING	11 - INSTITUTIONAL	REQUIRED	PROVIDED
DATA		500 m <sup>2</sup>	11850 m <sup>2</sup>
LOT AREA		18 m	6.56 m
SETBACKS		6 m	7.8 m
RY		6 m	55.8 m
INT. SY		6 m	6.7 m

EXISTING BUILDING AREA	PROPOSED TOTAL AREA	BUILDING HEIGHT	LOT COVERAGED	LANDSCAPED OPEN SPACE	PARKING
		12 m MAXIMUM	90% MAXIMUM	10% MINIMUM	2 SPACES
			21.3%	68.8%	2 SPACES

4 ZONING TABLE  
SCALE = N.T.S.

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**ST. CLAIR CATHOLIC DISTRICT SCHOOL BOARD**  
*Lighting the Way - Reaching to Our Journey*

KEY PLAN

**NOTES**

TRUE NORTH

CONSTRUCTION NORTH

**LEGEND**

- AREA OF NEW LIGHT DUTY ASPHALT
- AREA OF PLAYGROUND POROUS PAVEMENT
- AREA OF NEW ENGINEERED WOOD FIBER.
- SITE ENTRANCES
- PROPERTY LINE
- HYDRO LINE
- WOOD FENCE LINE
- CHAIN LINK FENCE LINE

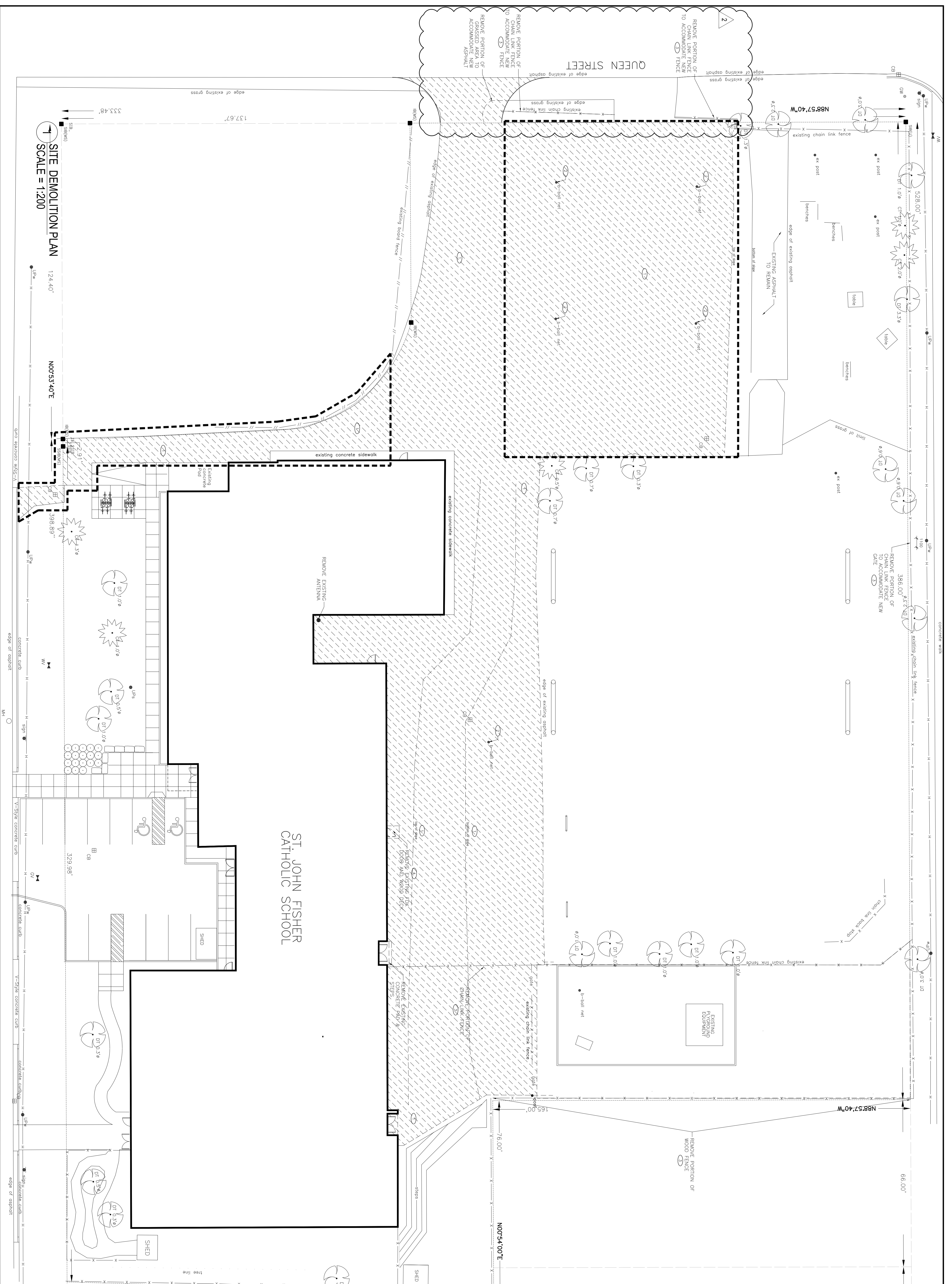
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31-03-2017	ISSUE FOR CLIENT REVIEW	3
02-22-2017	ISSUE FOR CLIENT APPROVAL	2
11-22 to 7-2	ISSUE FOR CLIENT REVIEW	1

**PROJECT TITLE**  
**ST. JOHN FISHER CATHOLIC SCHOOL**

**PROJECT COVER PAGE**

DATE PLOTTED	DRAWN	DRAWING NO.
26-04-2017	AM	A000

DATE AS NOTED: RW  
 CHECKED: RW  
 PROJECT No.: RWA-1654



**SITE DEMOLITION PLAN**

124.40'

N00°53'40"E

137.67'

333.48'

SCALE = 1:200

**ST. JOHN FISHER  
CATHOLIC SCHOOL**

**RANDY WILSON ARCHITECT INCORPORATED**

**RWA**

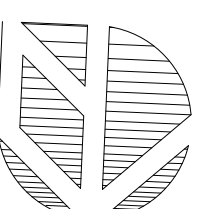
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WWW.RWARCHITECT.CA

**ST. CLAIR CATHOLIC DISTRICT SCHOOL BOARD**

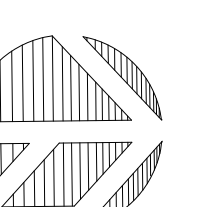
*Lighting the Way - Reaching in Our Journey*



**KEY PLAN**



TRUE NORTH



CONSTRUCTION NORTH

**NOTES**

**LEGEND**

- [Hatched Box] AREA OF ASPHALT DEMOLISHED.
- [Dashed Line] EXISTING POST TO BE REMOVED AND/OR RELOCATED AFTER COMPLETION.
- [Circle with X] REMOVE PORTION OF FENCE
- [Circle with Dashed Line] REMOVE DOOR

DATE	DESCRIPTION	NO.
28-04-2017	ISSUE FOR ADDENDUM #2	2
06-04-2017	ISSUE FOR TENDER	4
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02-22-2017	ISSUE FOR CLIENT APPROVAL	2
11-22 to 7-2	ISSUE FOR CLIENT REVIEW	1
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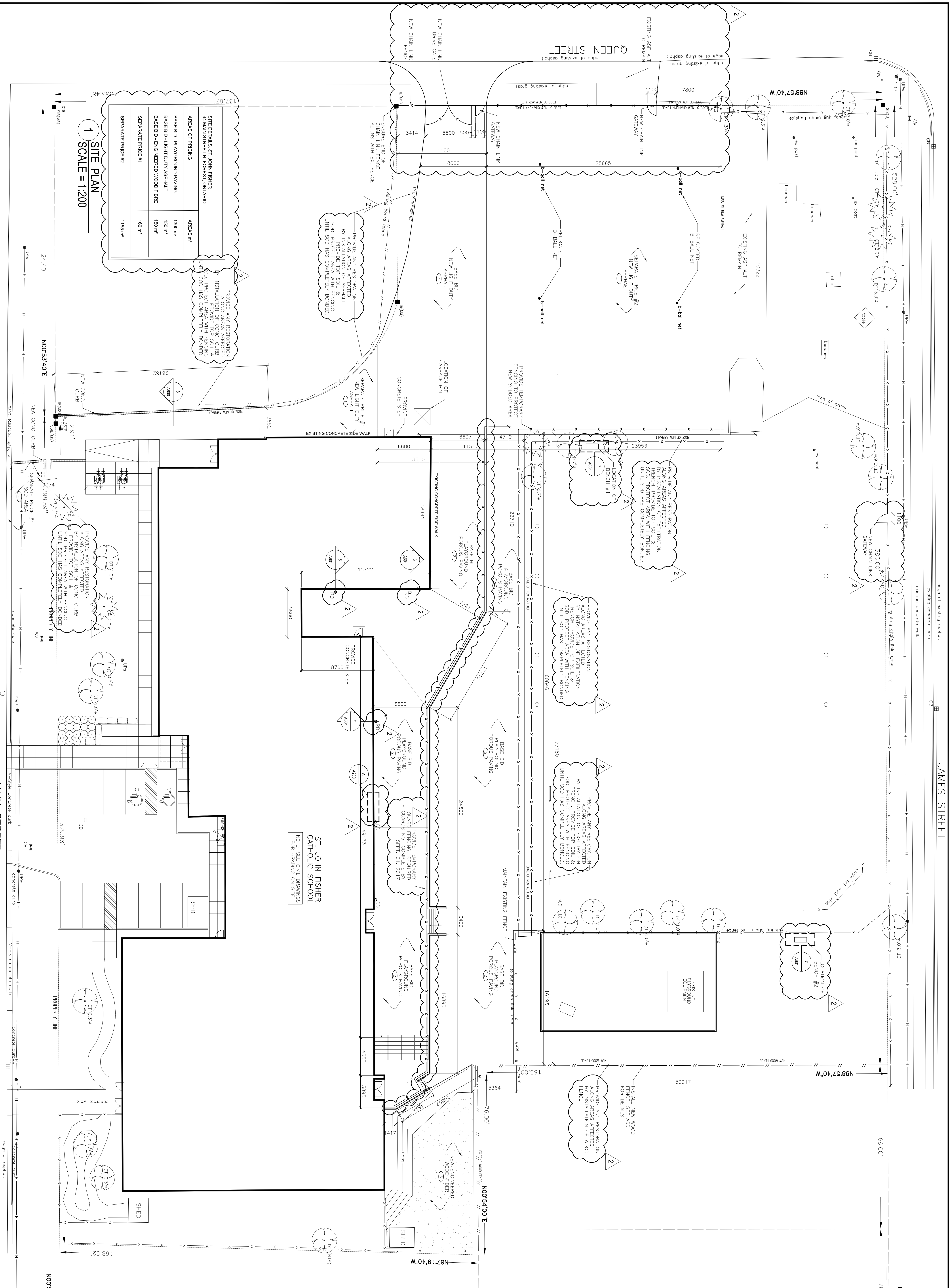
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Product No. RWA-1654

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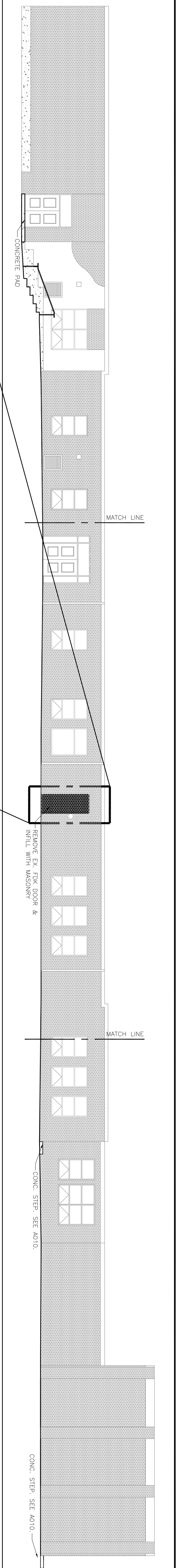




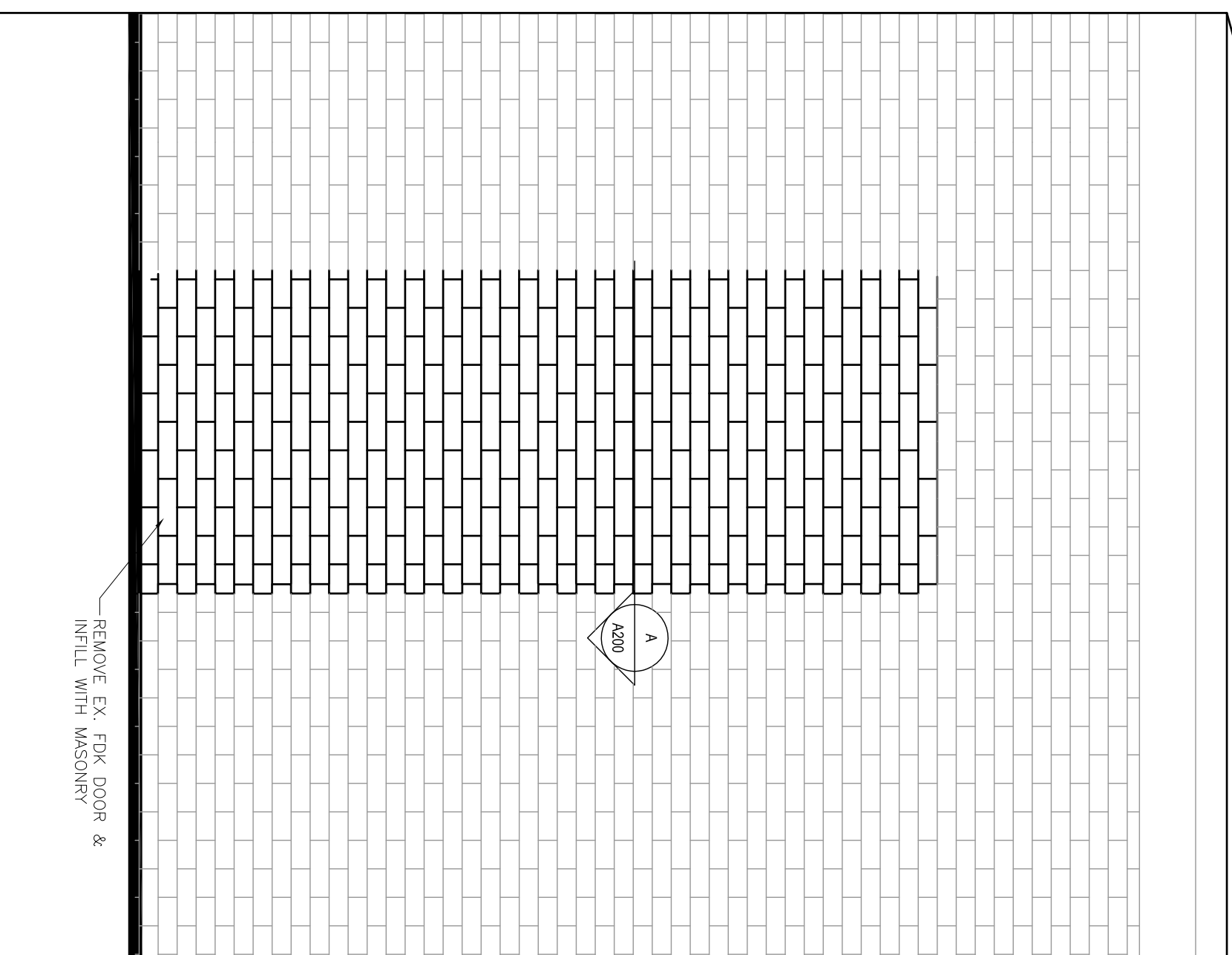
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**ST. JOHN FISHER CATHOLIC SCHOOL**  
NOTE: SEE CIVIL DRAWINGS FOR GRADING ON SITE.

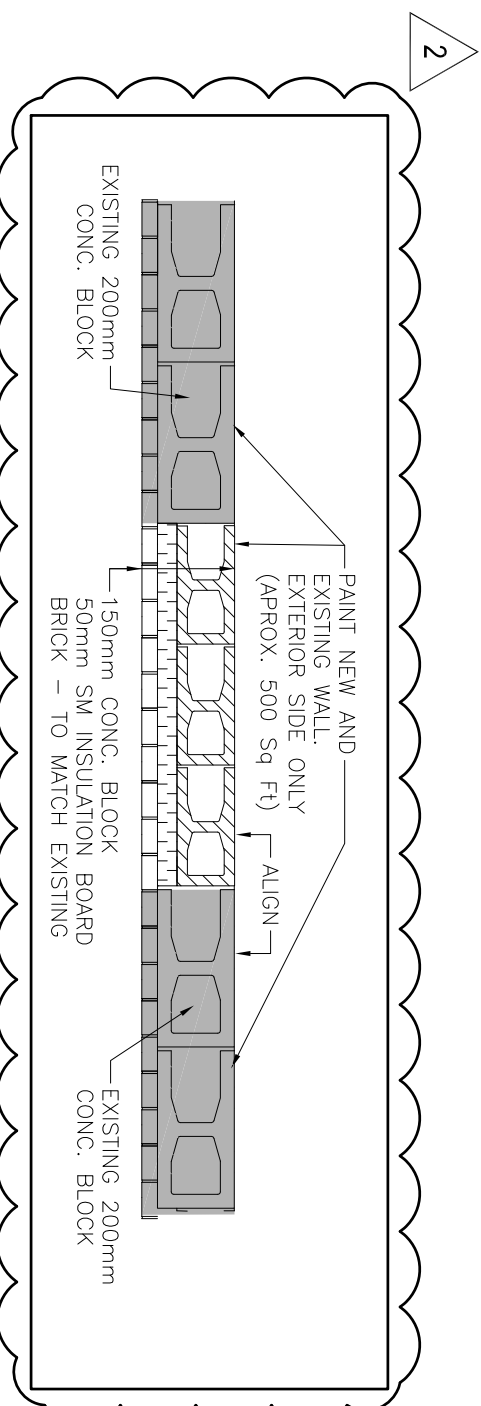
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<p><b>ST. CLAIR CATHOLIC DISTRICT SCHOOL BOARD</b> <i>Lighting the Way - Reaching to Our Journey</i></p>											
<p><b>KEY PLAN</b></p>											
<p><b>NOTES</b></p> <p>TRUE NORTH</p> <p>CONSTRUCTION NORTH</p>											
<p><b>LEGEND</b></p> <ul style="list-style-type: none"> <li> AREA OF NEW LIGHT DUTY ASPHALT</li> <li> AREA OF PLAYGROUND POROUS PAVING</li> <li> AREA OF NEW ENGINEERED WOOD FIBER SUPPLIED BY GRO-BARK</li> <li> AREA OF TOP SOIL SURFACED WITH SOD</li> </ul>											
<p><b>PRODUCT TITLE:</b> ST. JOHN FISHER CATHOLIC SCHOOL</p> <p><b>ARCHITECT'S SEAL:</b></p>	<p><b>DATE:</b> 11-22 to 7-2</p> <p><b>DESCRIPTION:</b></p> <table border="1"> <tr> <td>1</td> <td>ISSUE FOR CLIENT REVIEW</td> </tr> <tr> <td>2</td> <td>ISSUE FOR CLIENT APPROVAL</td> </tr> <tr> <td>3</td> <td>ISSUE FOR CLIENT REVIEW</td> </tr> <tr> <td>4</td> <td>ISSUE FOR TENDER</td> </tr> <tr> <td>5</td> <td>ISSUE FOR ADDENDUM # 2</td> </tr> </table>	1	ISSUE FOR CLIENT REVIEW	2	ISSUE FOR CLIENT APPROVAL	3	ISSUE FOR CLIENT REVIEW	4	ISSUE FOR TENDER	5	ISSUE FOR ADDENDUM # 2
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2	ISSUE FOR CLIENT APPROVAL										
3	ISSUE FOR CLIENT REVIEW										
4	ISSUE FOR TENDER										
5	ISSUE FOR ADDENDUM # 2										
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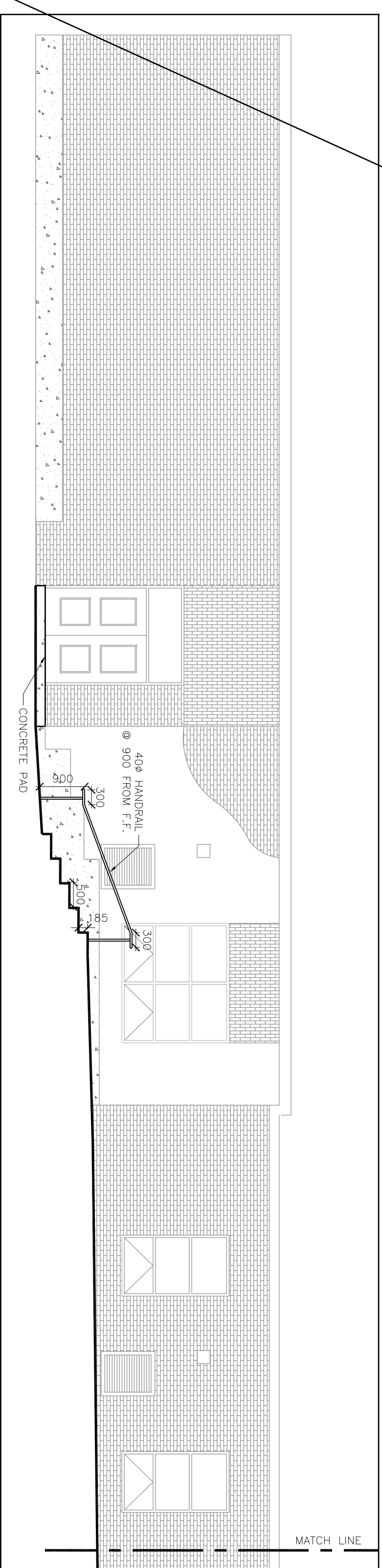
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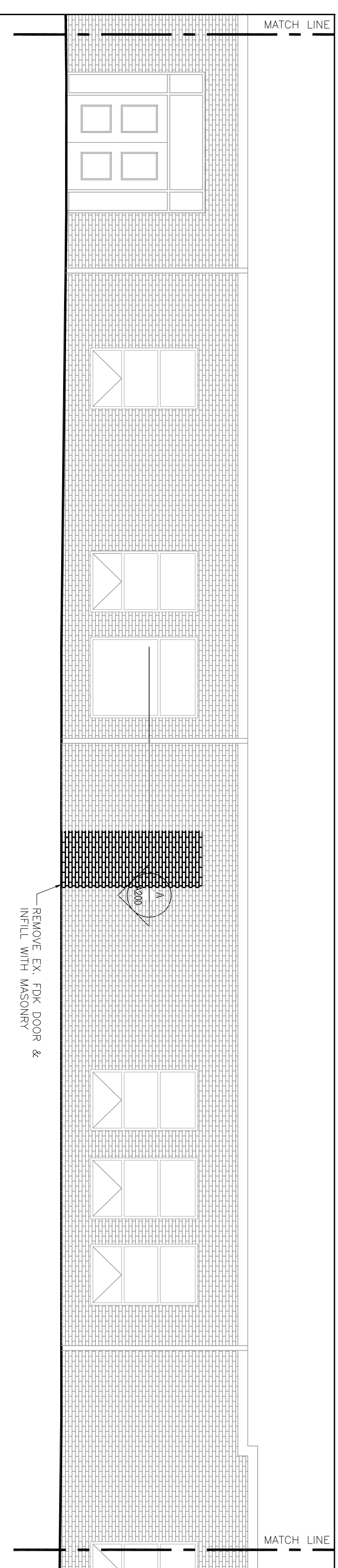
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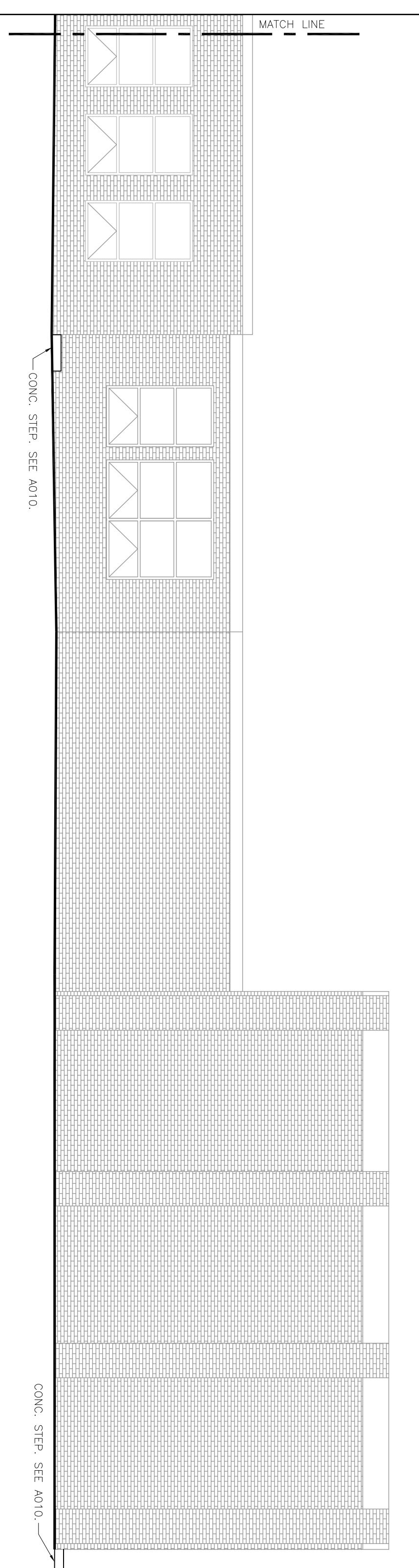
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3 BUILDING ELEVATION  
SCALE = 1:75



4 BUILDING ELEVATION  
SCALE = 1:75

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**KEY PLAN**

TRUE NORTH

**NOTES**

LEGEND

DATE	DESCRIPTION	NO.
26-04-2017	ISSUE FOR ADDENDUM # 2	5
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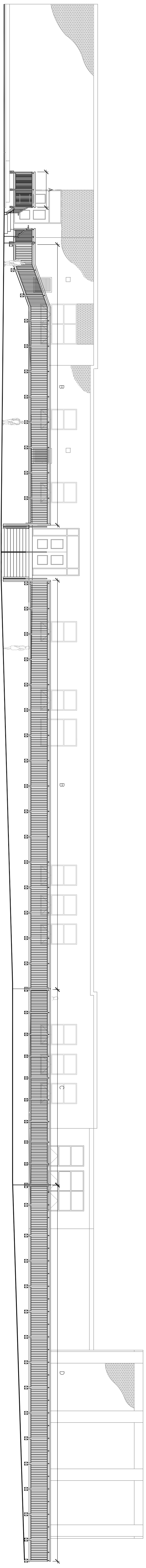
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**ST. JOHN FISHER CATHOLIC SCHOOL**

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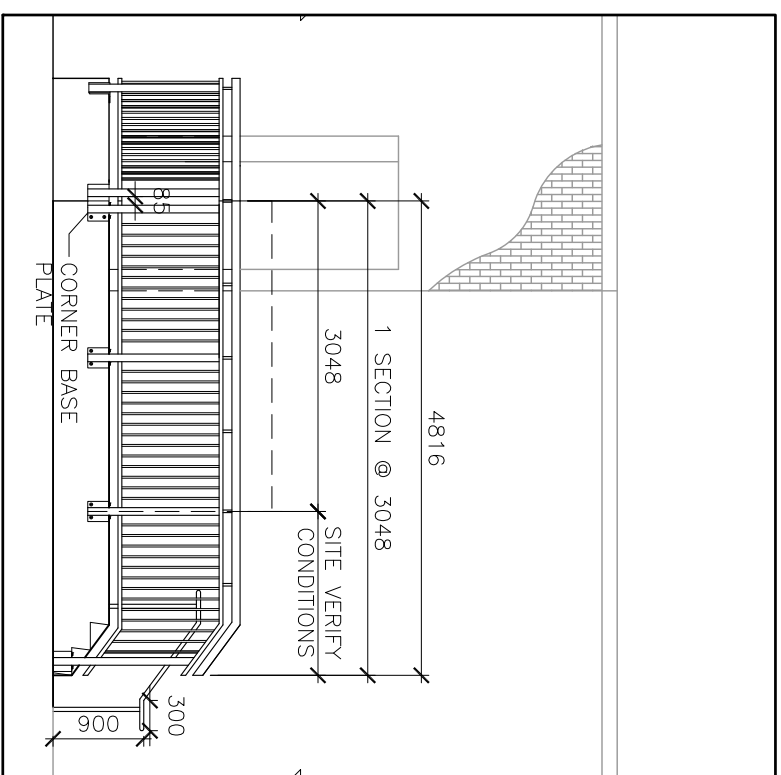
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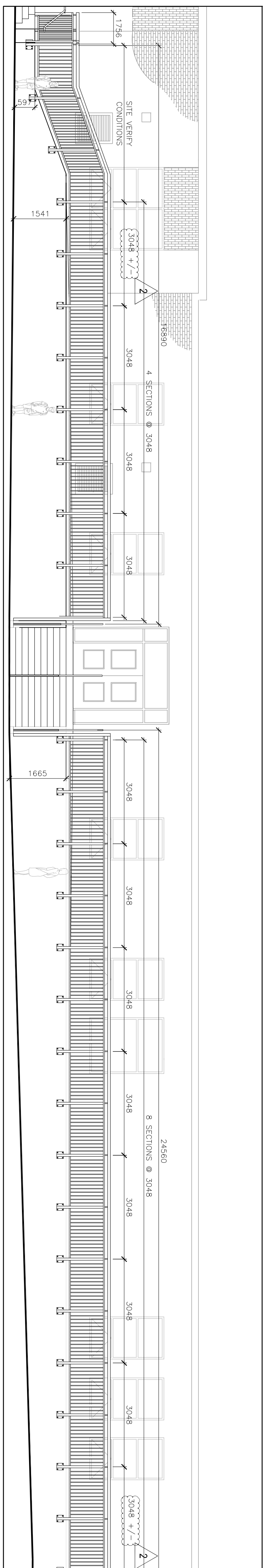
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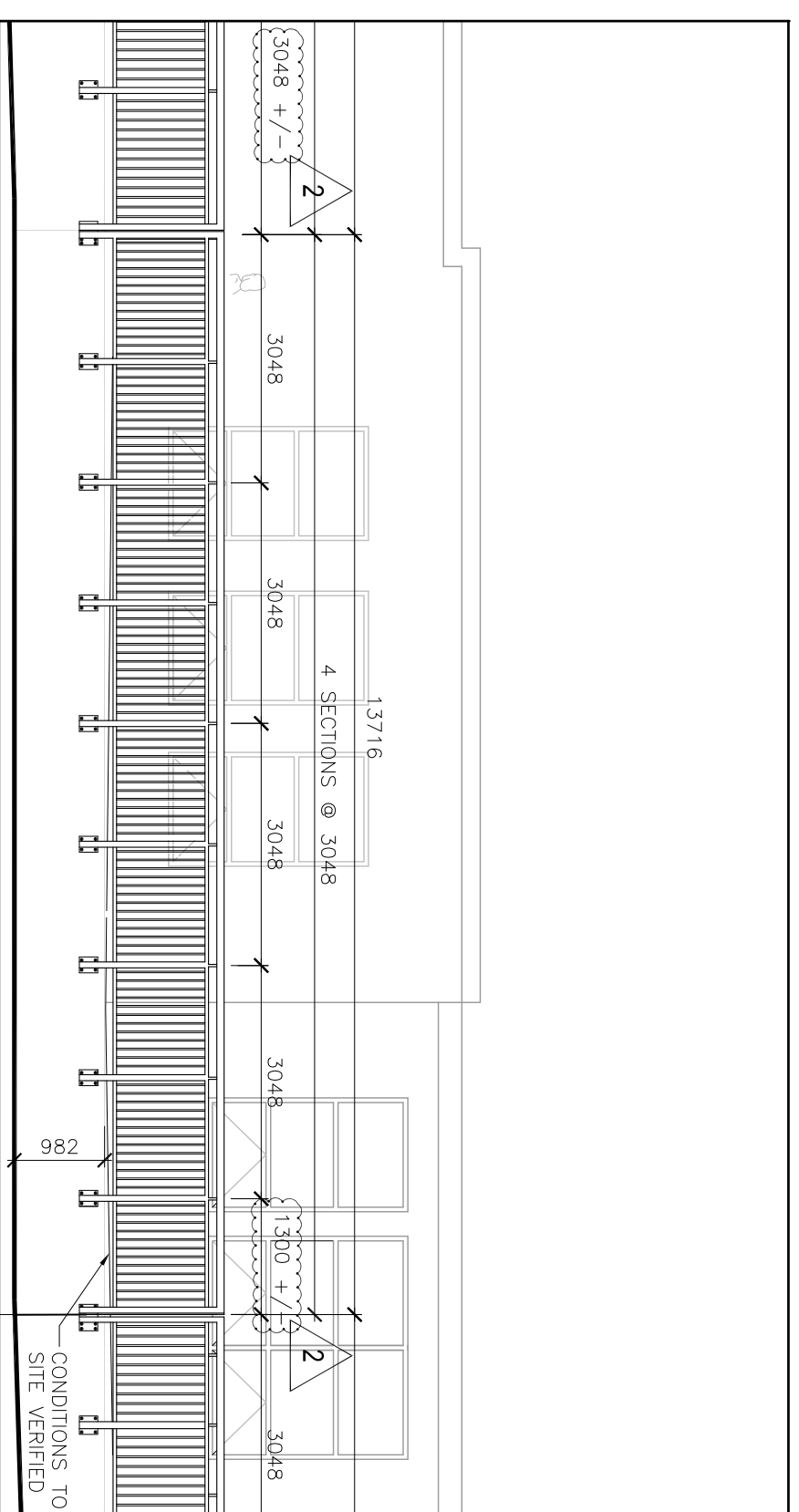
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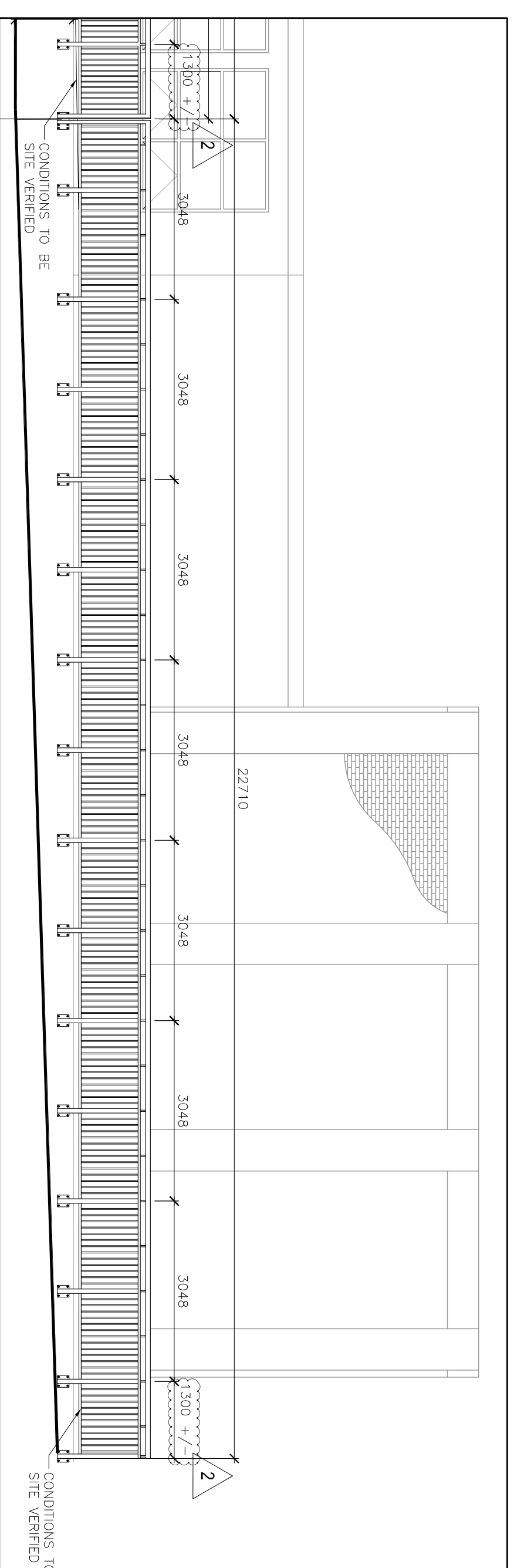
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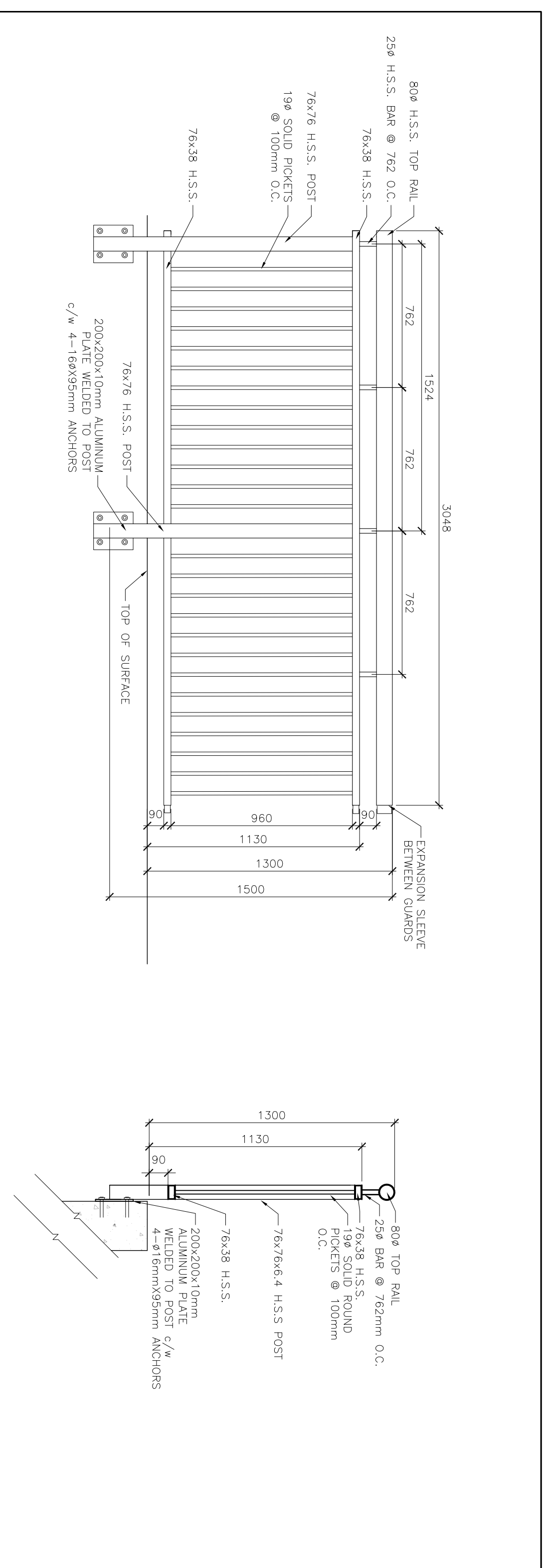
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4 BUILDING ELEVATION - C  
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5 BUILDING ELEVATION - D  
SCALE = 1:75



6 GUARD ELEVATION  
SCALE = 1:20

7 GUARD SECTION  
SCALE = 1:20

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**ST. CLAIR CATHOLIC DISTRICT SCHOOL BOARD**  
*Leading the Way - Response to Our Future*

**KEY PLAN**

**NOTES**

TRAIL NORTH CONSTRUCTION NORTH

**LEGEND**

DATE	DESCRIPTION	NO.
26-04-2017	ISSUE FOR ADDENDUM #2	2
06-04-2017	ISSUE FOR TENDER	4
03-31-2017	ISSUE FOR CLIENT REVIEW	3
02-22-2017	ISSUE FOR CLIENT APPROVAL	2
11-22-16-7-4	ISSUE FOR CLIENT REVIEW	1

**PROJECT TITLE**  
 ST. JOHN FISHER CATHOLIC SCHOOL

**ARCHITECTS SKA**

**DRAWING TITLE**  
 RETAINING WALL ELEVATIONS

DATE PLOTTED	26-04-2017	DRAWN	AM	DRAWING NO.	
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PROJECT NO.	RWA1-184				



**KEY PLAN**

**NOTES**

TRUE NORTH	CONSTRUCTION NORTH
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**LEGEND**

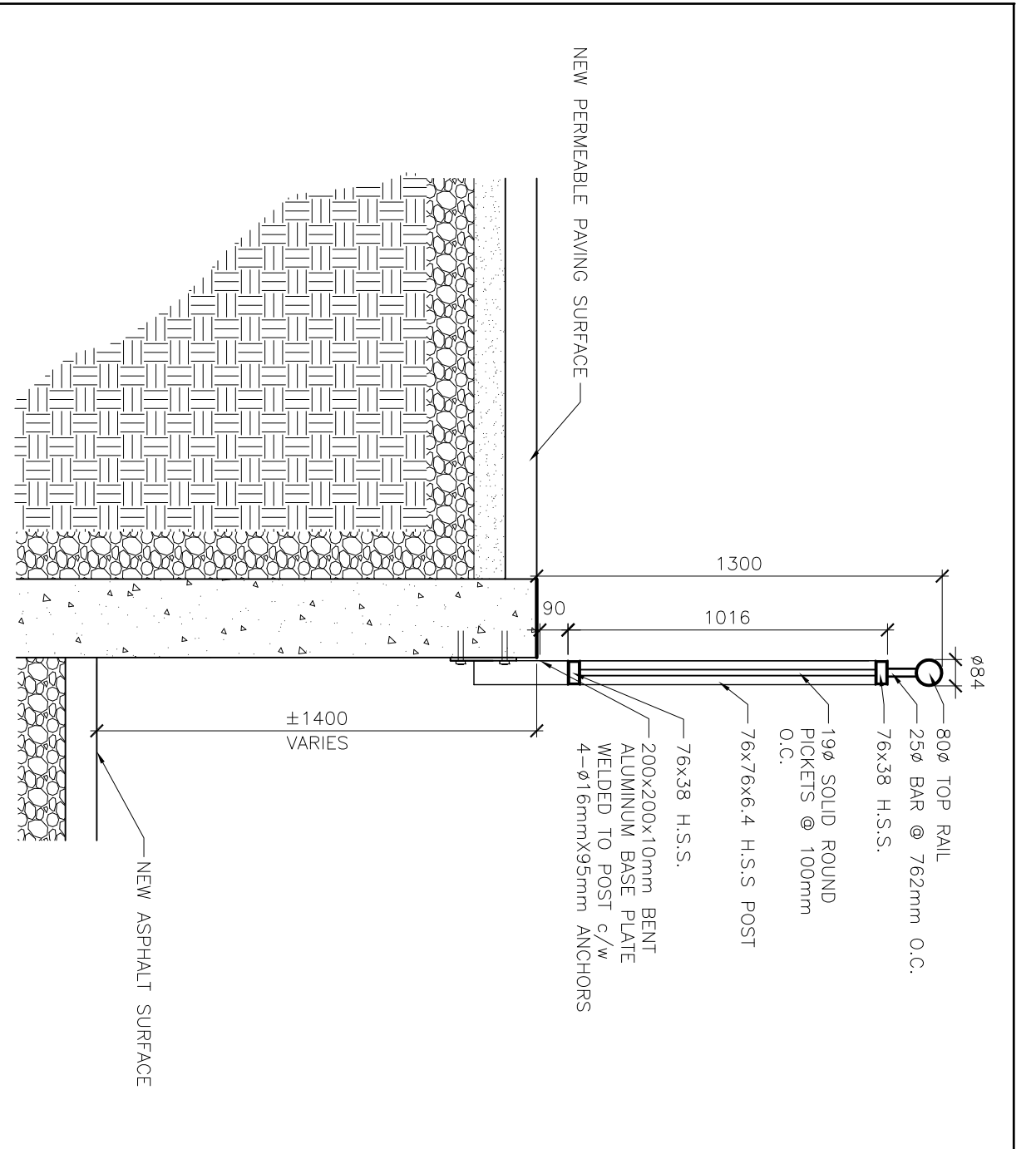
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11-22 to 7-4	ISSUE FOR CLIENT REVIEW		1-5

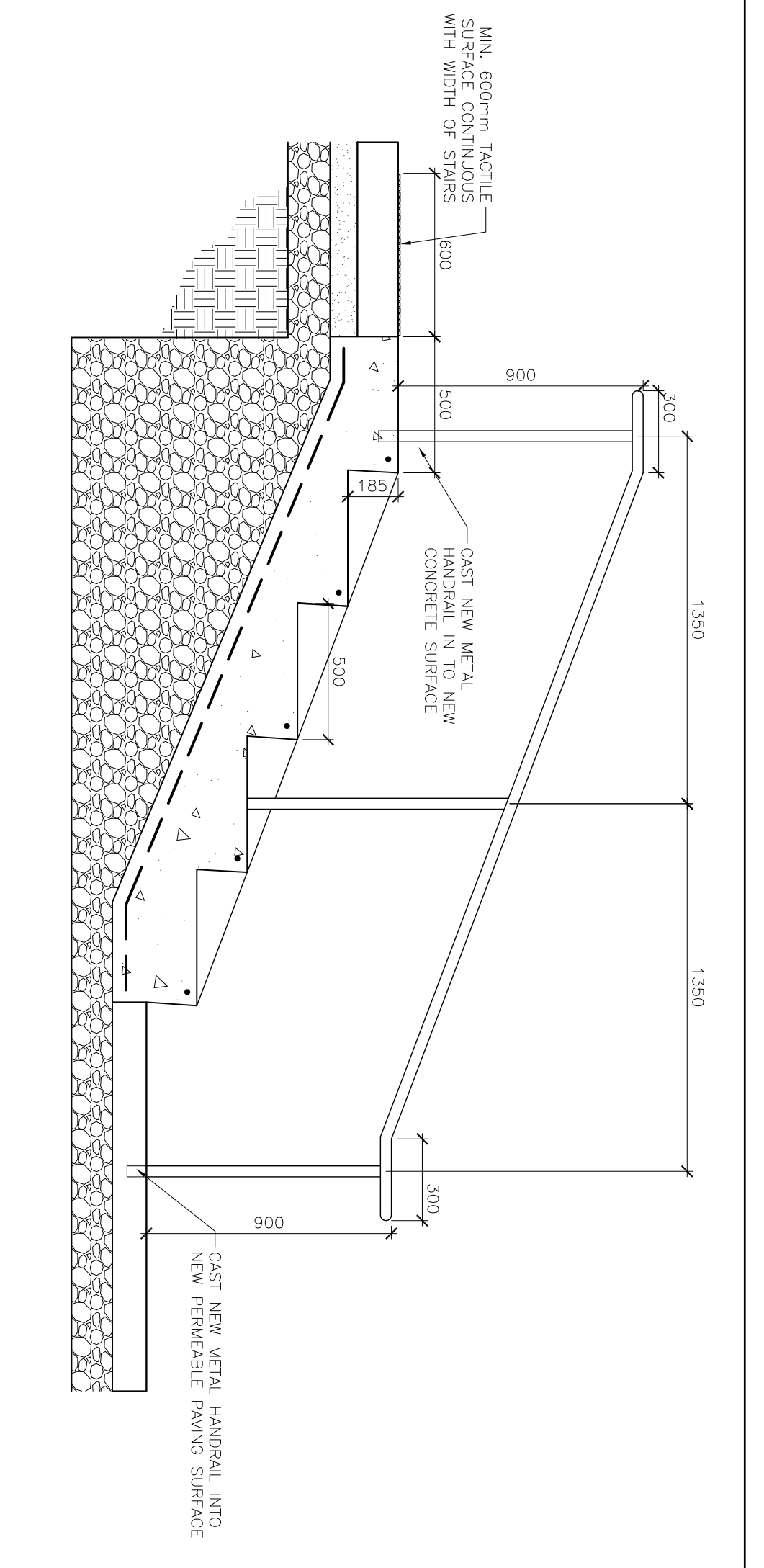
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**ST. JOHN FISHER CATHOLIC SCHOOL**  
 ARCHITECTS SKA

**SECTIONS & DETAILS**

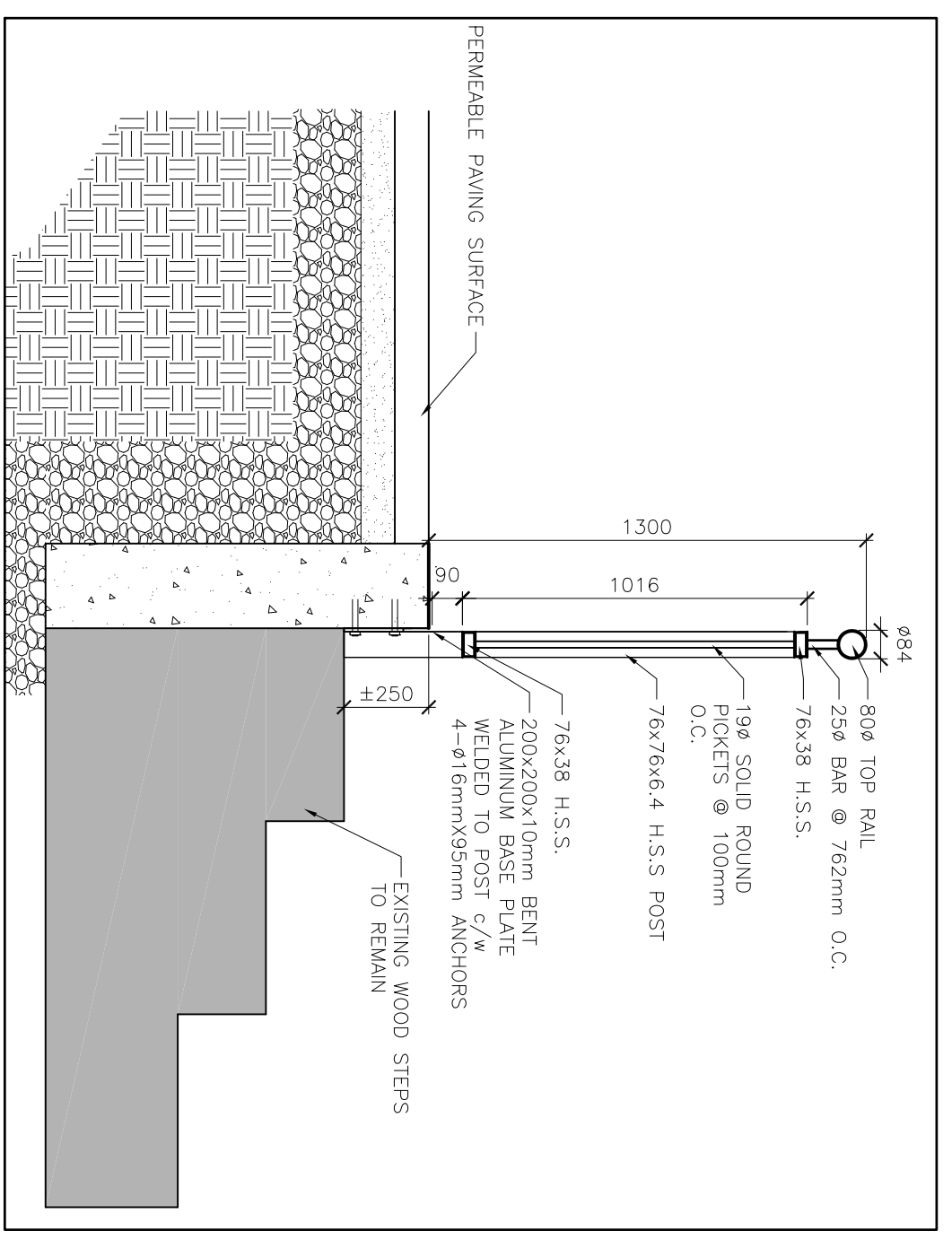
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PROJECT NO.:	RWAL-1854	



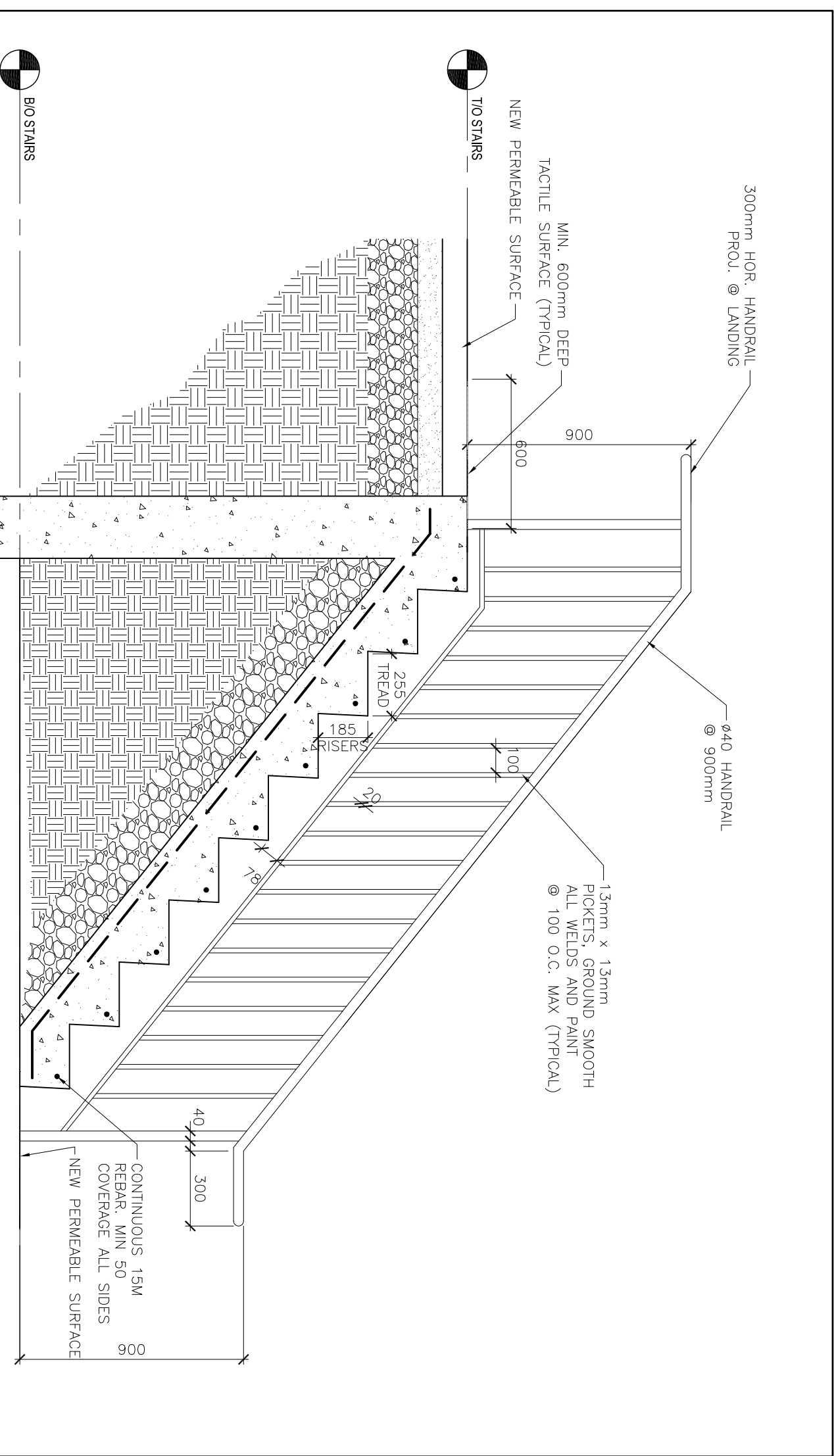
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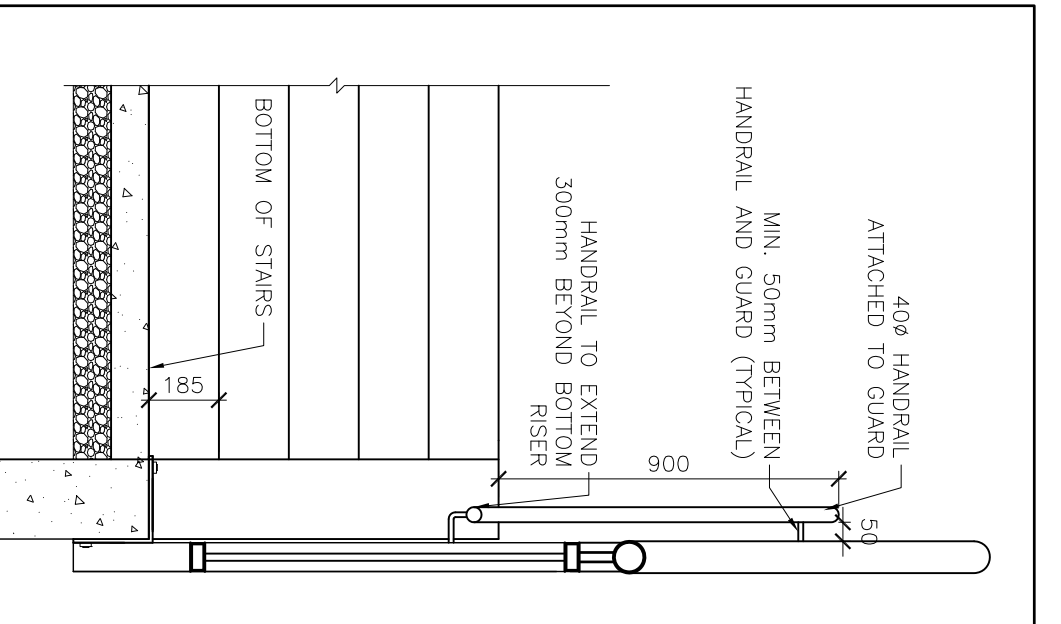
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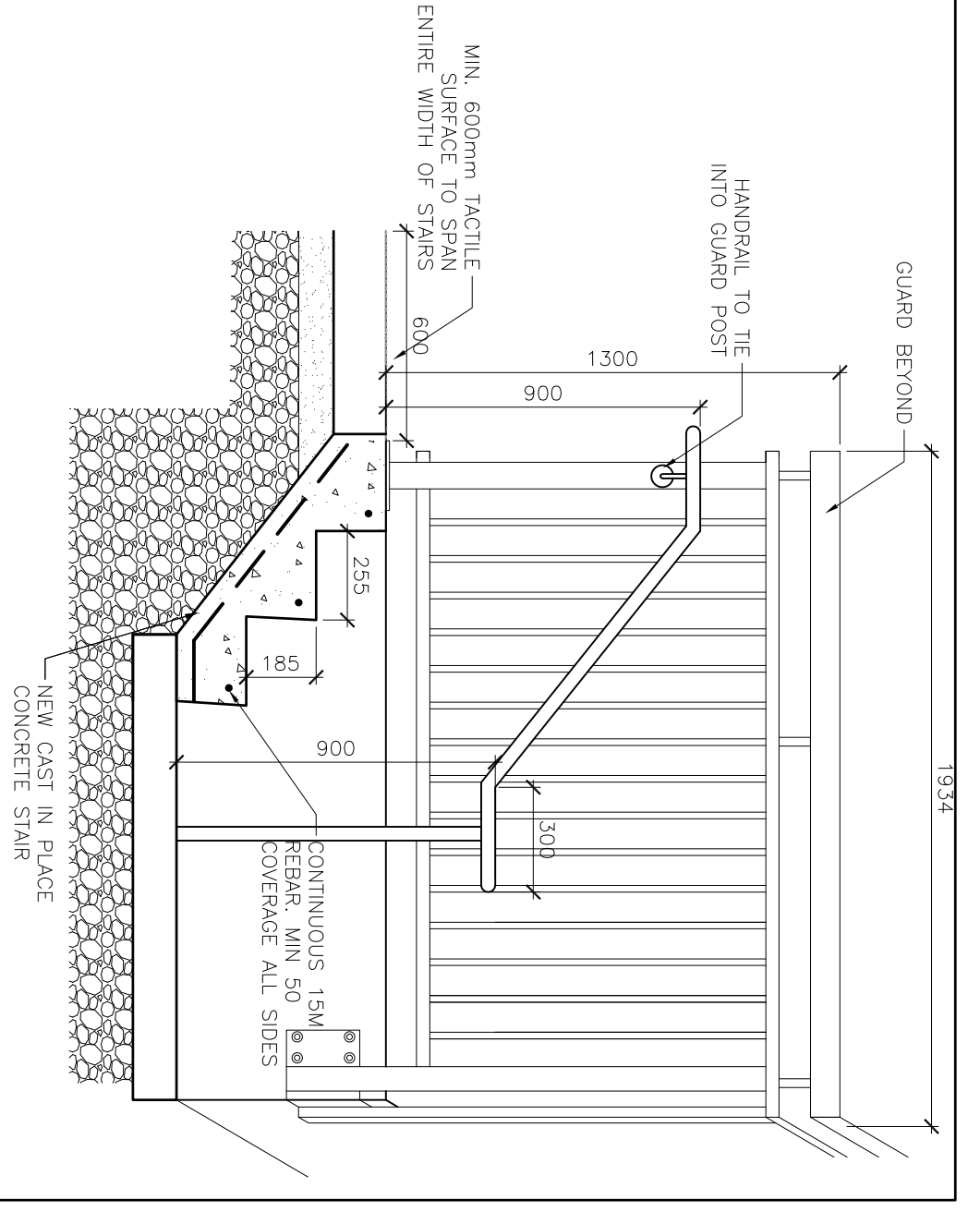
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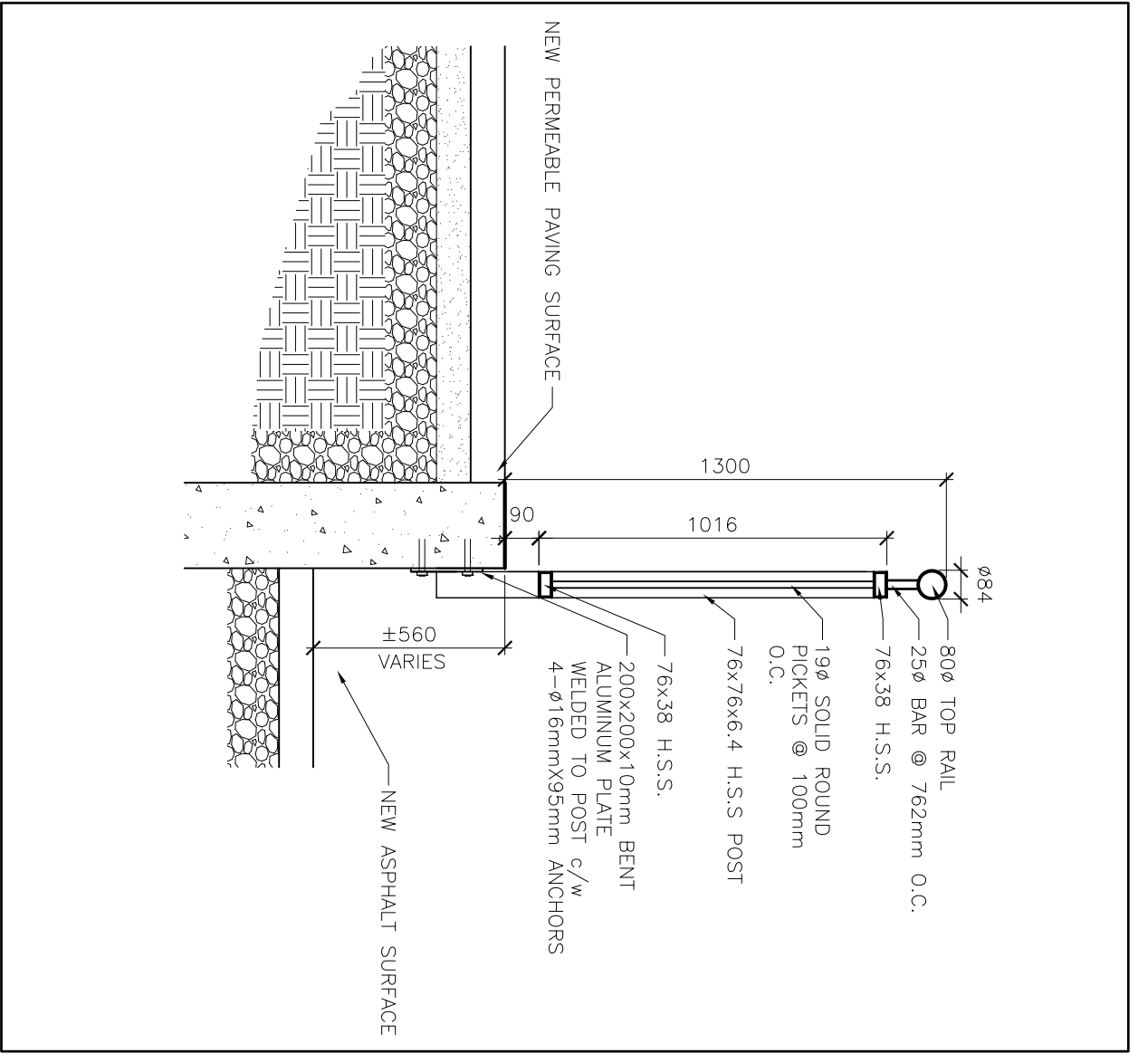
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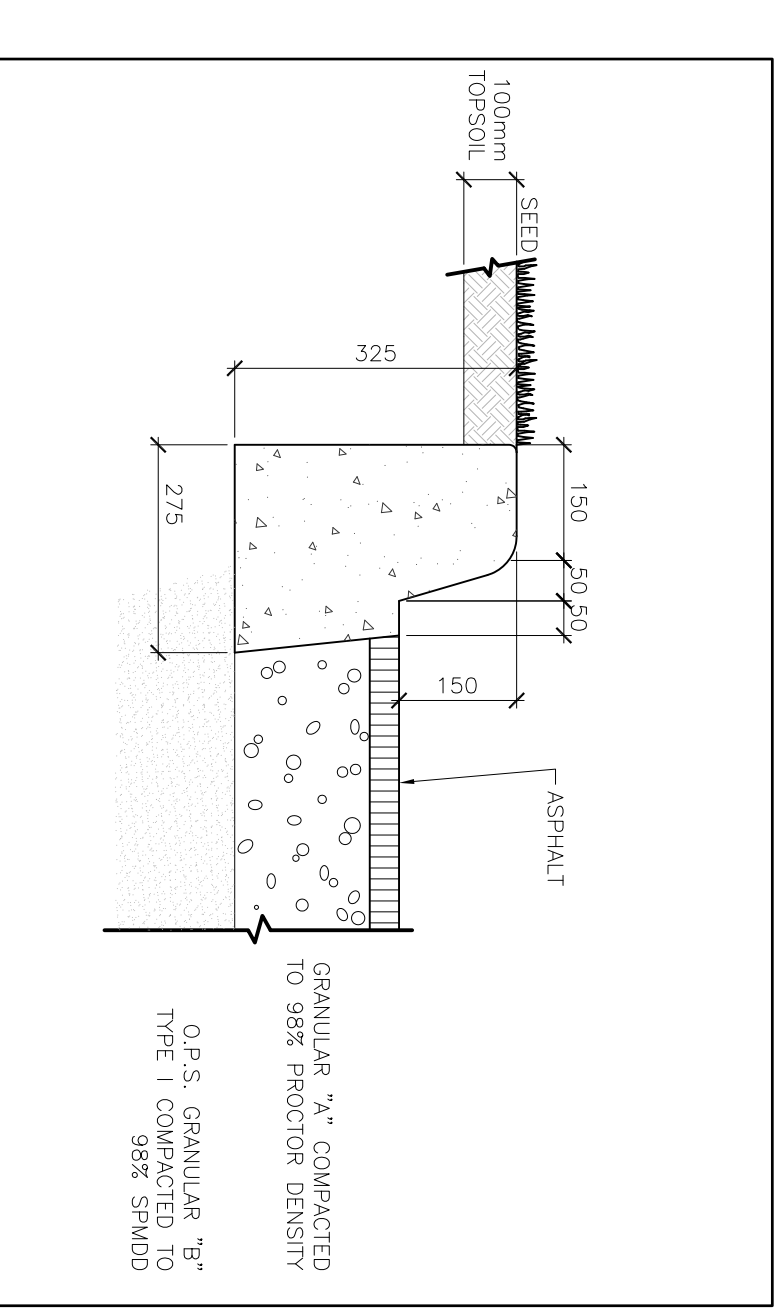
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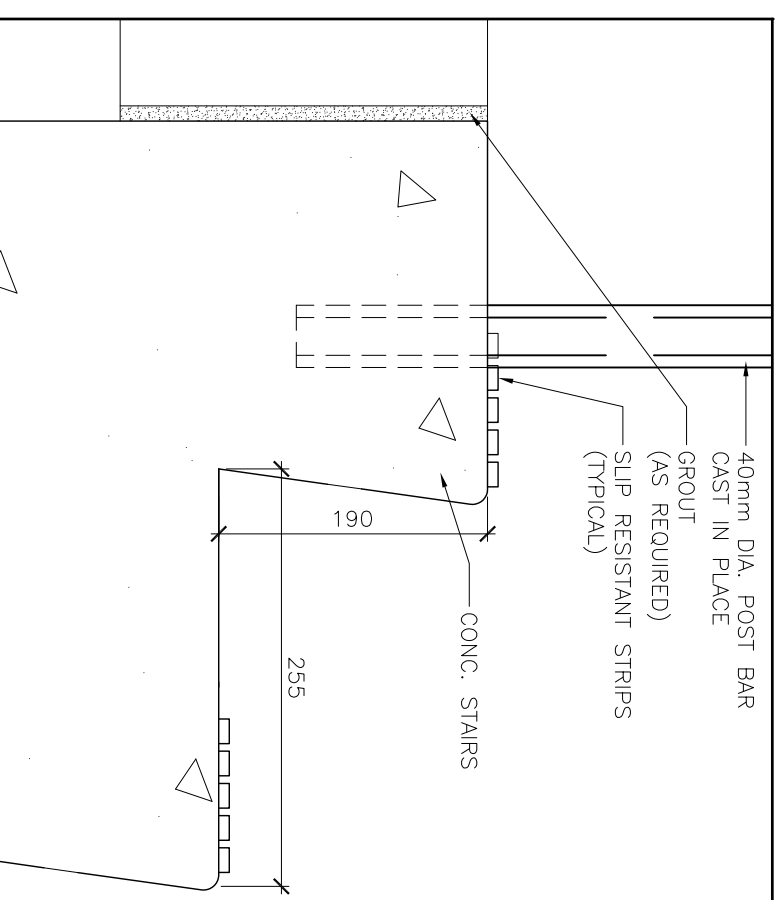
4 STAIR SECTION  
SCALE = 1:20



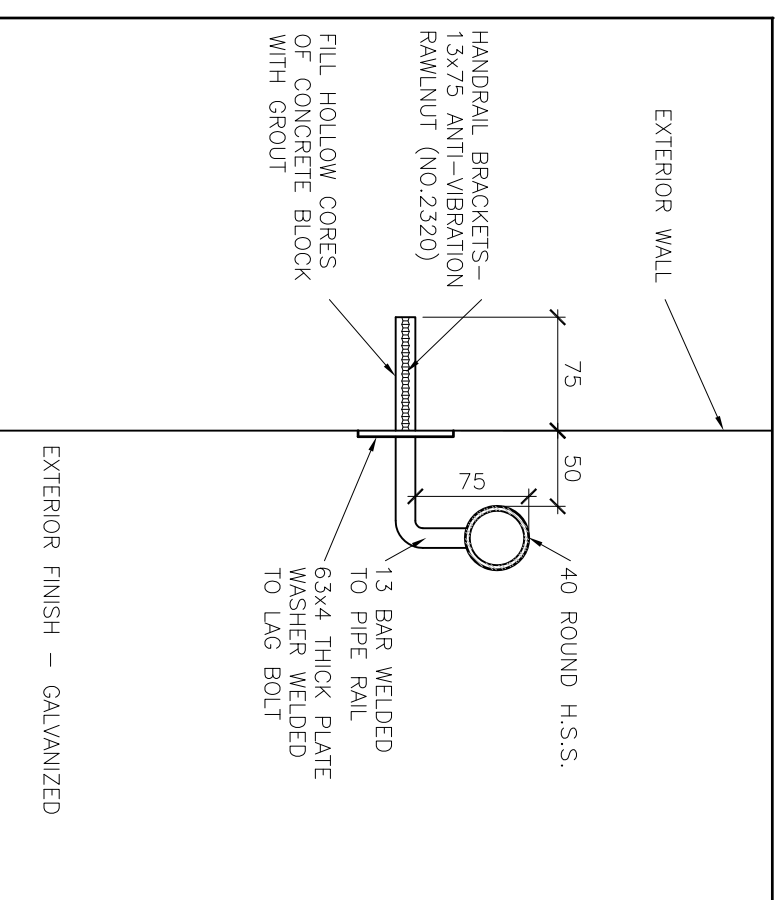
7 RETAINING WALL SECTION  
SCALE = 1:20



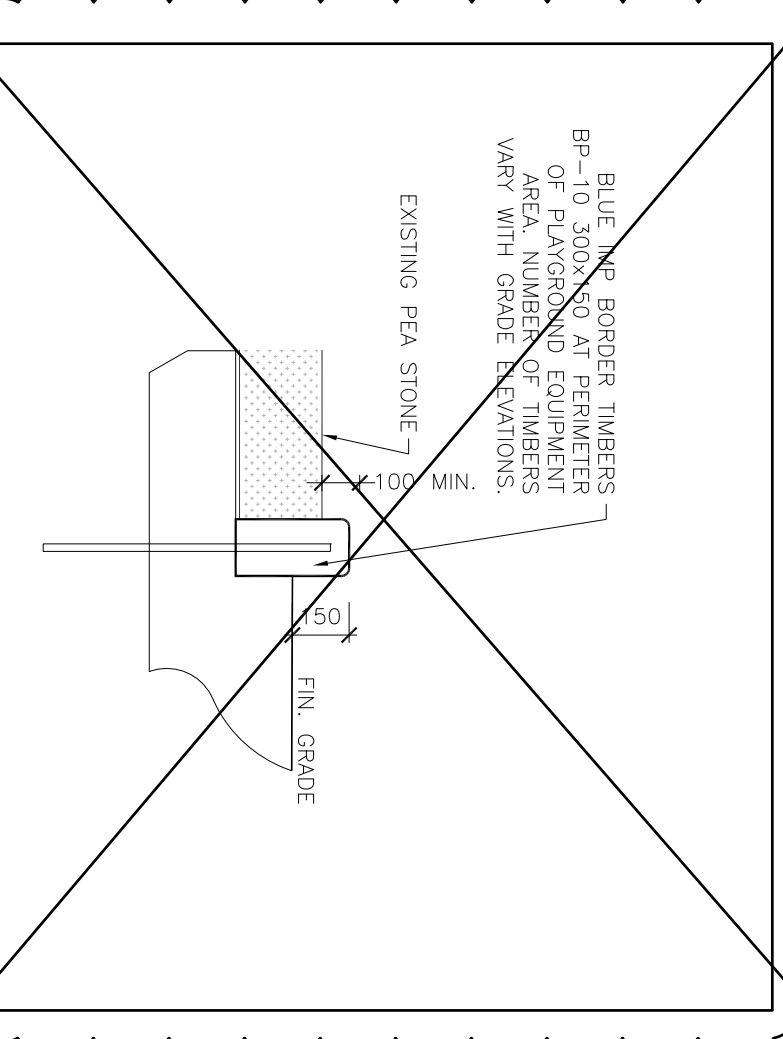
8 CURB SECTION (TYPICAL)  
SCALE = 1:20



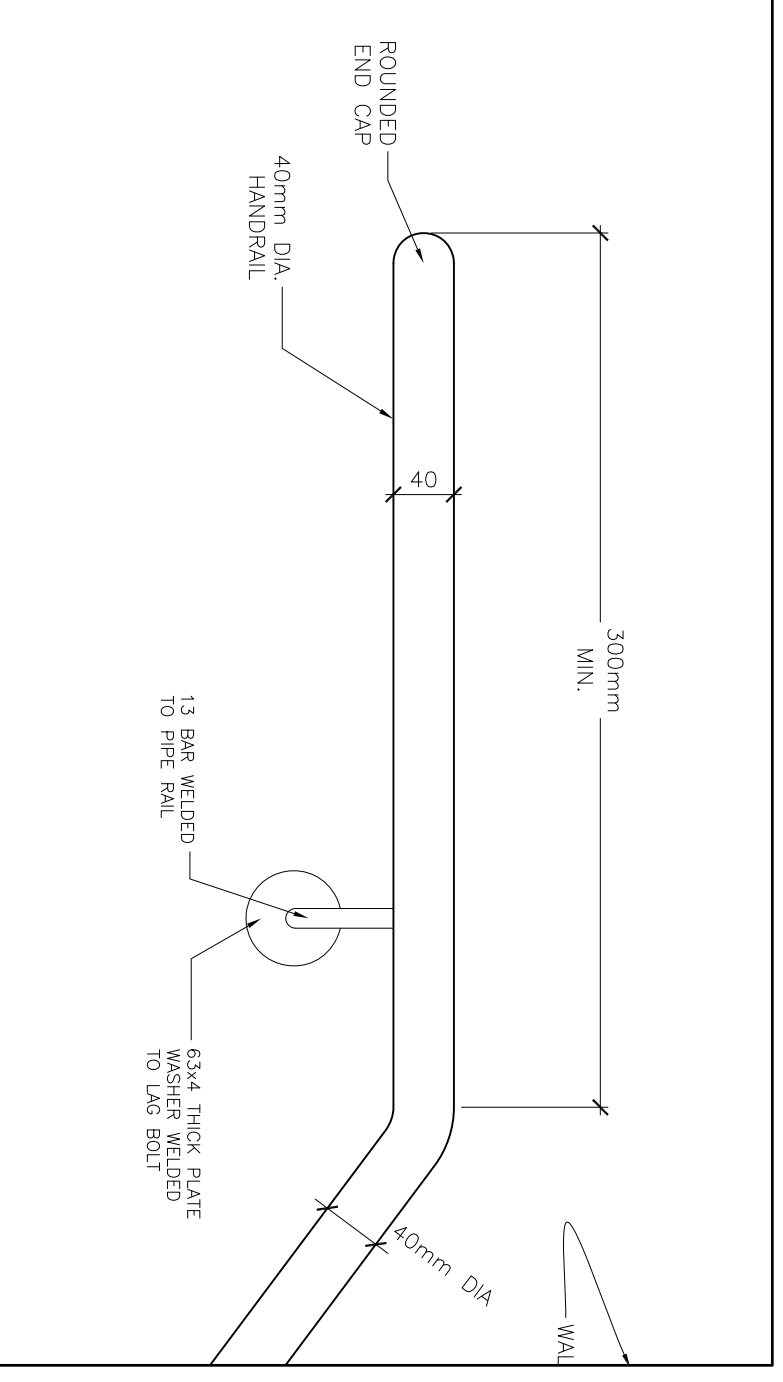
9 STAIR SECTION  
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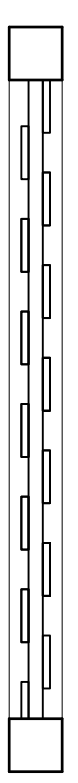
10 HANDRAIL SECTION (TYPICAL)  
SCALE = 1:20



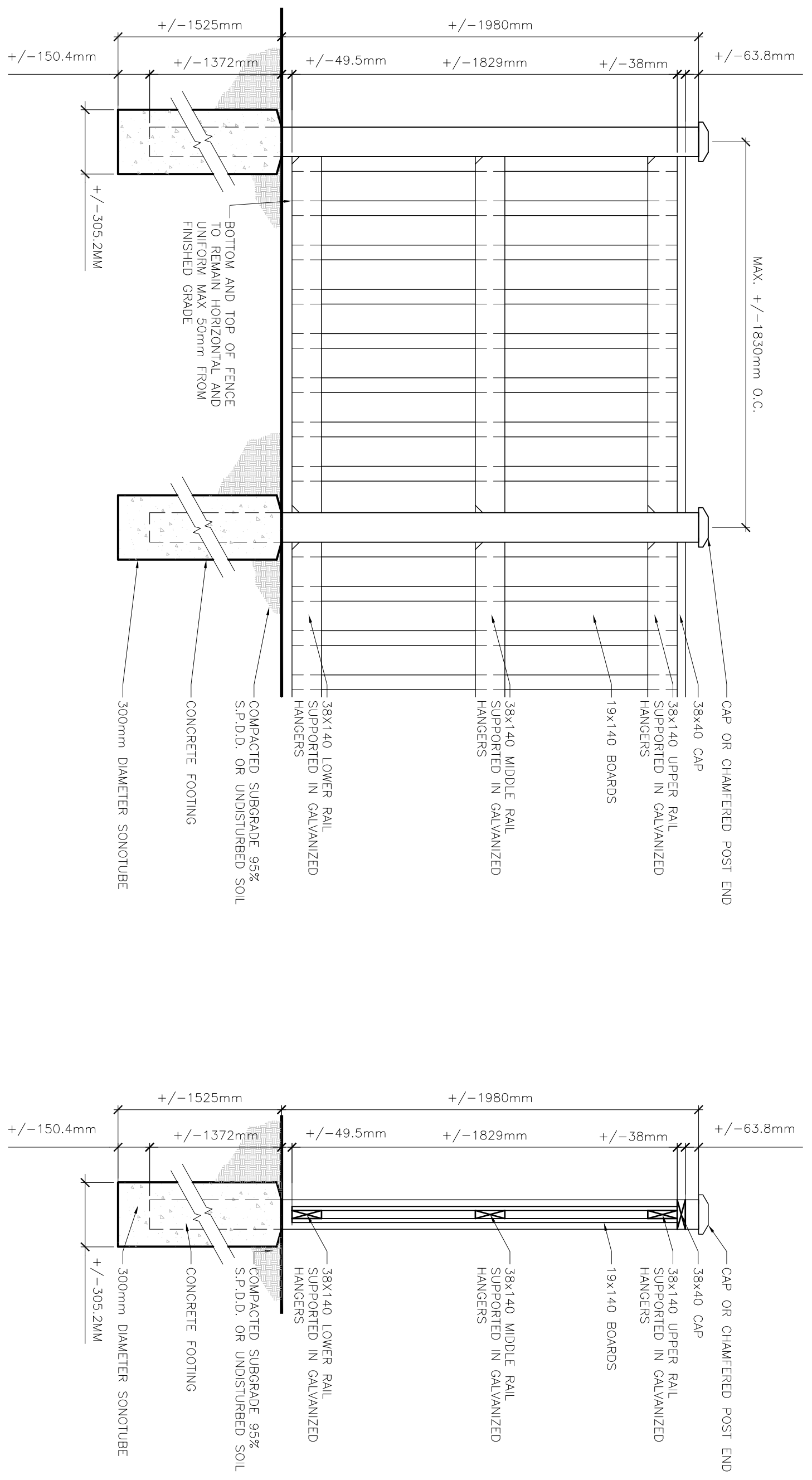
11 PLAYGROUND BORDER SECTION  
SCALE = 1:20



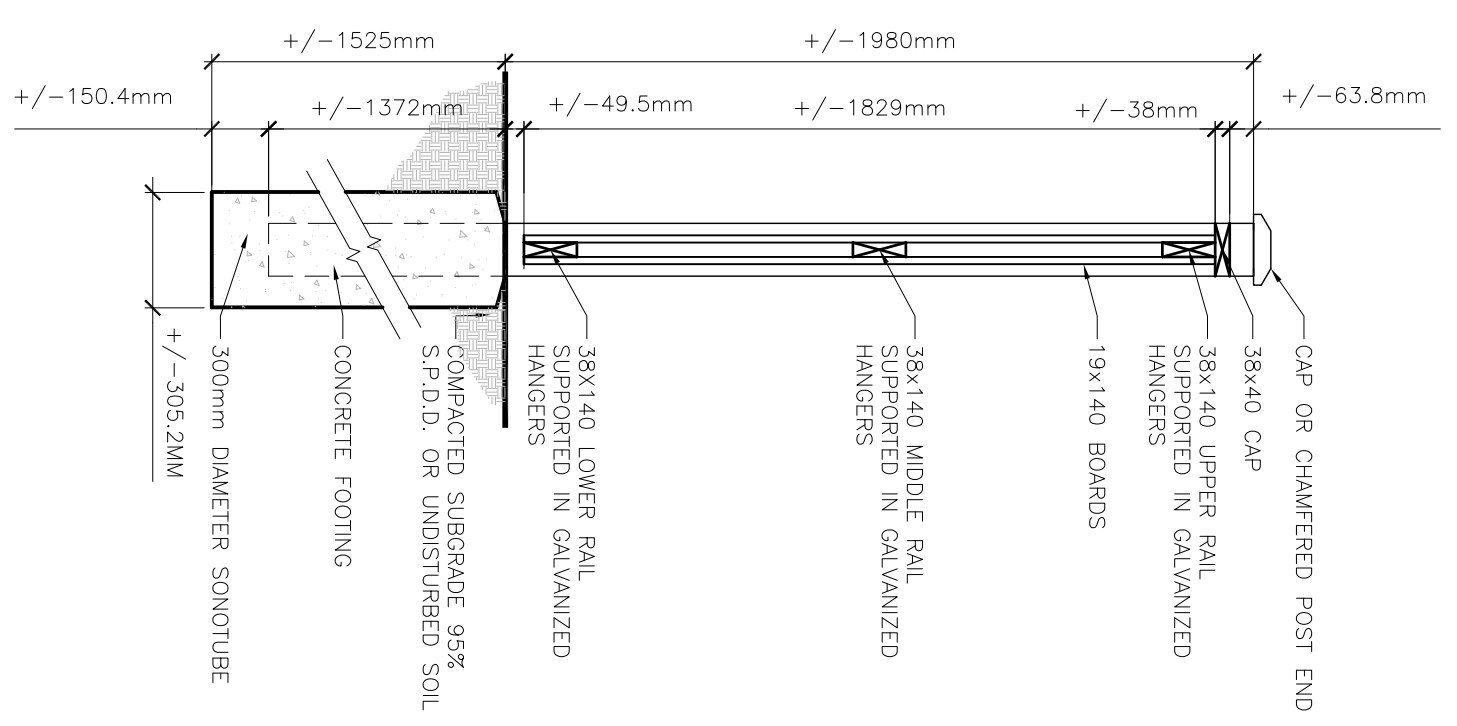
12 HANDRAIL DETAIL (TYPICAL)  
SCALE = 1:20



**1 WOOD FENCE PLAN VIEW**  
SCALE = 1:20



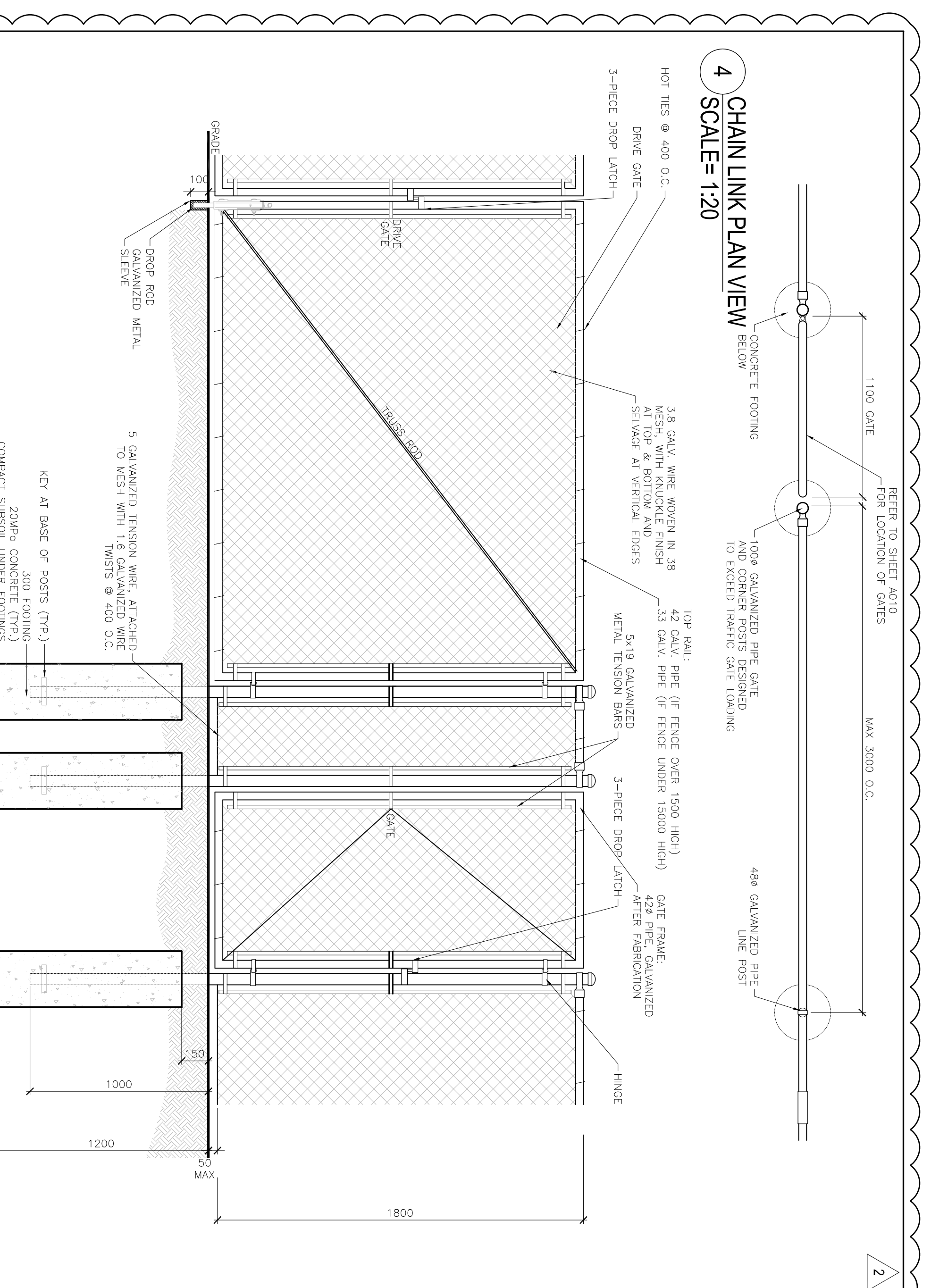
**2 WOOD FENCE ELEVATION**  
SCALE = 1:20



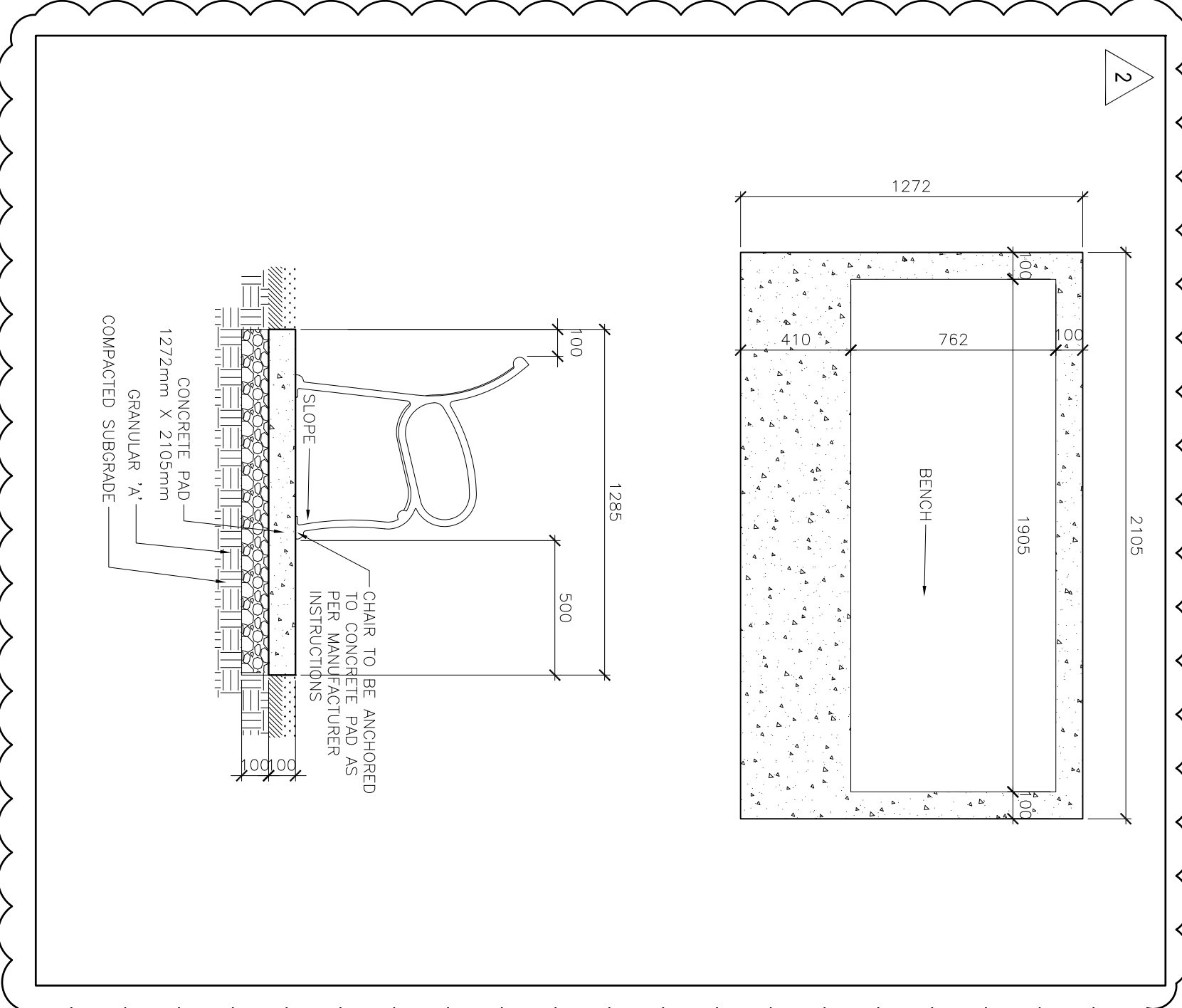
**3 WOOD FENCE SECTION**  
SCALE = 1:20

NOTES  
1. ALL WOOD TO BE NATIONAL LUMBER GRADE ASSOC. (ALLOCA) - SELECT TIGHT KNOT (S.T.K)  
2. MINIMUM POST DIMENSIONS: 140x140  
3. CONCRETE FOR FOOTING TO BE 20MPa WITH 50MM Ø 19#

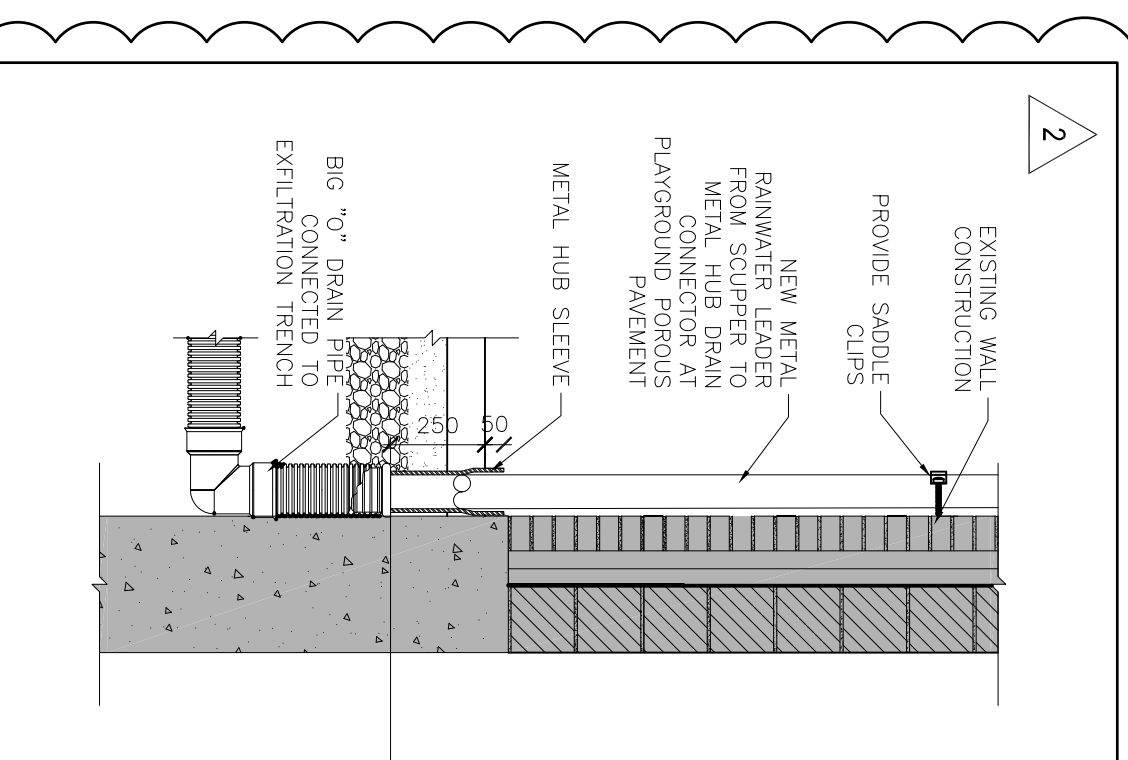
**4 CHAIN LINK PLAN VIEW**  
SCALE = 1:20



**5 CHAIN LINK ELEVATION**  
SCALE = 1:20



**7 METAL BENCH CONCRETE PAD DETAIL**  
SCALE = 1:20



**6 RAINWATER LEADER DETAIL**  
SCALE = 1:20

**RANDY WILSON ARCHITECT INCORPORATED**

280 QUEENS AVENUE, SUITE 10  
LONDON, ONTARIO N4B 1X3  
1-519-483-9663  
6-909YONGE@RWARCHIT.CO  
WWW.RWARCHIT.CO

**ST. CLAIR CATHOLIC DISTRICT SCHOOL BOARD**  
*Learning the Way - Respecting Our Past*

**KEY PLAN**

TRUE NORTH

CONSTRUCTION NORTH

**NOTES**

- ISSUE FOR ADDENDUM #2
- ISSUE FOR TENDER
- ISSUE FOR CLIENT REVIEW
- ISSUE FOR CLIENT APPROVAL
- ISSUE FOR CLIENT REVIEW

**LEGEND**

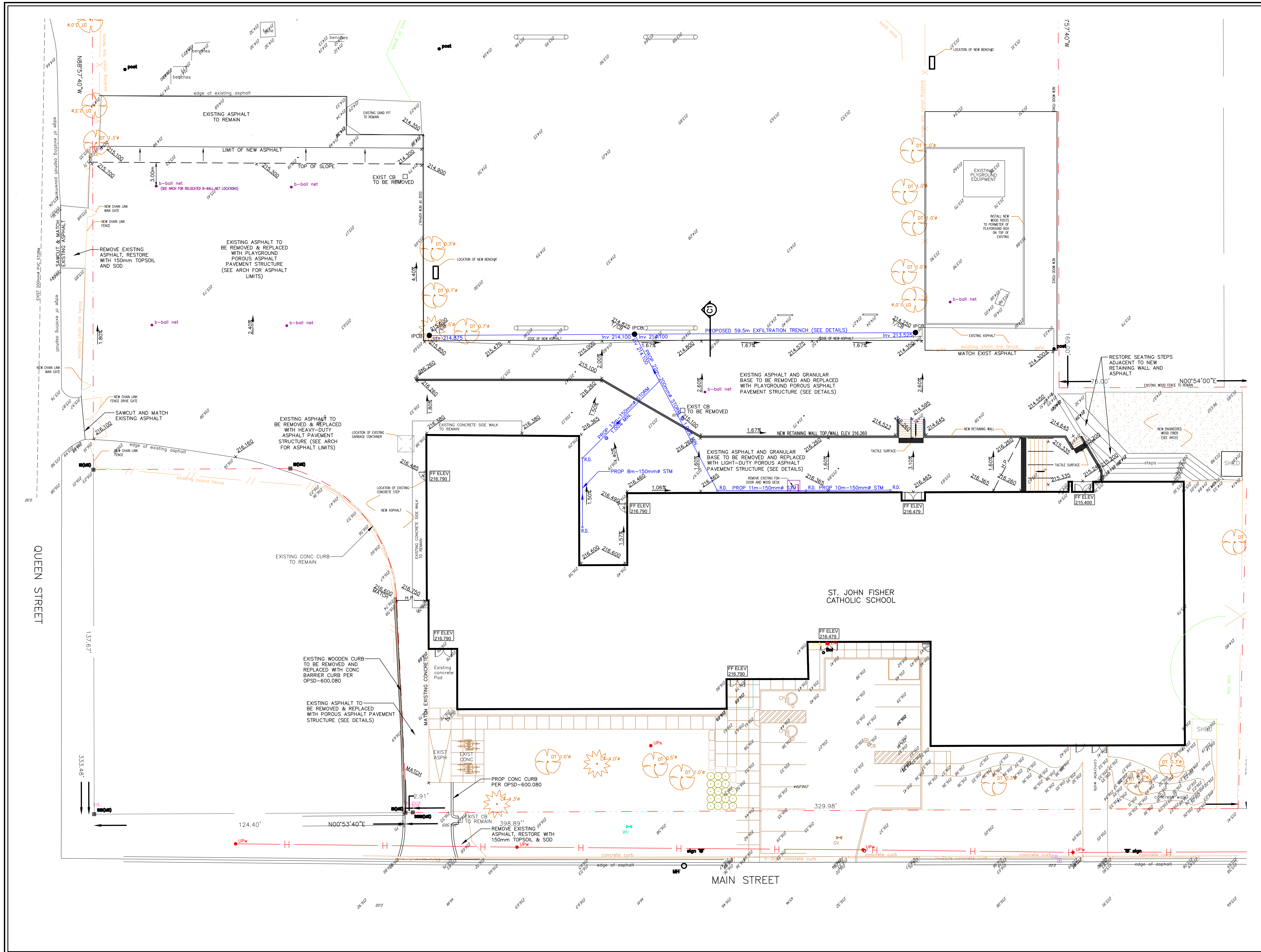
DATE	DESCRIPTION	NO.
26-04-2017	ISSUE FOR ADDENDUM #2	2
06-04-2017	ISSUE FOR TENDER	4
03-31-2017	ISSUE FOR CLIENT REVIEW	3
02-22-2017	ISSUE FOR CLIENT APPROVAL	2
11-22 to 7-2	ISSUE FOR CLIENT REVIEW	1-5

**PROJECT TITLE**  
ST. JOHN FISHER CATHOLIC SCHOOL

**ARCHITECTS SIGN**

**DRAWING TITLE**  
SITE FENCING DETAILS & GUARD DETAILS

DATE PLOTTED	DRAWN	DRAWING NO.
26/04/2017	AM	A601
SCALE	CREATED	
AS NOTED	RAW	
PROJECT NO.	PROJECT NAME	
	FWAL-1854	



**LEGEND**

- EXISTING SEWERS, SANITARY or STORM
- MANHOLE AND CATCHBASIN
- WATERMARK
- GASMAIN
- UNDERGROUND TELEPHONE
- UNDERGROUND HYDRO
- UNDERGROUND TV CABLE
- UTILITY POLES
- GRUBBING
- REMOVE EXISTING CONC. SIDEWALK AND DRIVES
- REMOVE AND PLACE CONC. SIDEWALK AND DRIVES
- PLACE CONC. SIDEWALK AND DRIVES
- REMOVE EXISTING ASPHALT PAVT
- PLACE HOT MIX ASPHALT (CONCRETE HOT MIX ASPHALT)
- REMOVE EXISTING CONC. CURB

**1:200**

**NOTE**

The locations of existing underground utilities are shown in an approximate way only and have not been independently verified by the owner or its representative. The contractor shall determine the exact location of all existing utilities before commencing work and agrees to be fully responsible for any damages which might be occasioned by the contractor's failure to exactly locate and preserve any and all underground utilities.

**BENCHMARK INFORMATION**  
BM Elevation 216.790  
Top of finished floor at main entrance to school

**BENCHMARK INFORMATION**

Design By: B.K. / G.C.B. Checked By: G.C.B.

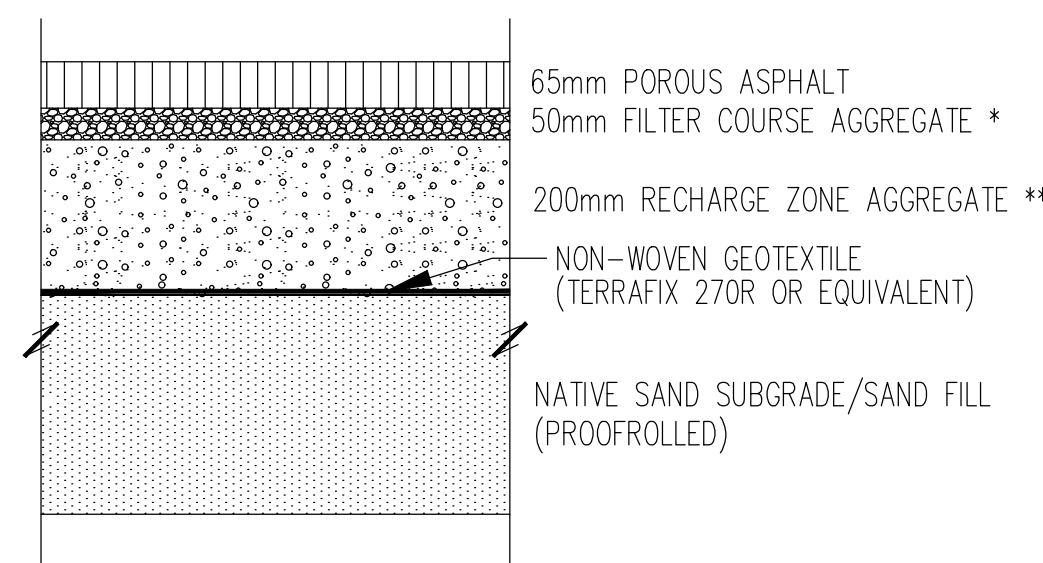
No.	DATE	REVISION
01	03/17	Concept For Review
02	04/17	For Tender
03	04/17	For Addendum

**BMROSS**  
engineering better communities

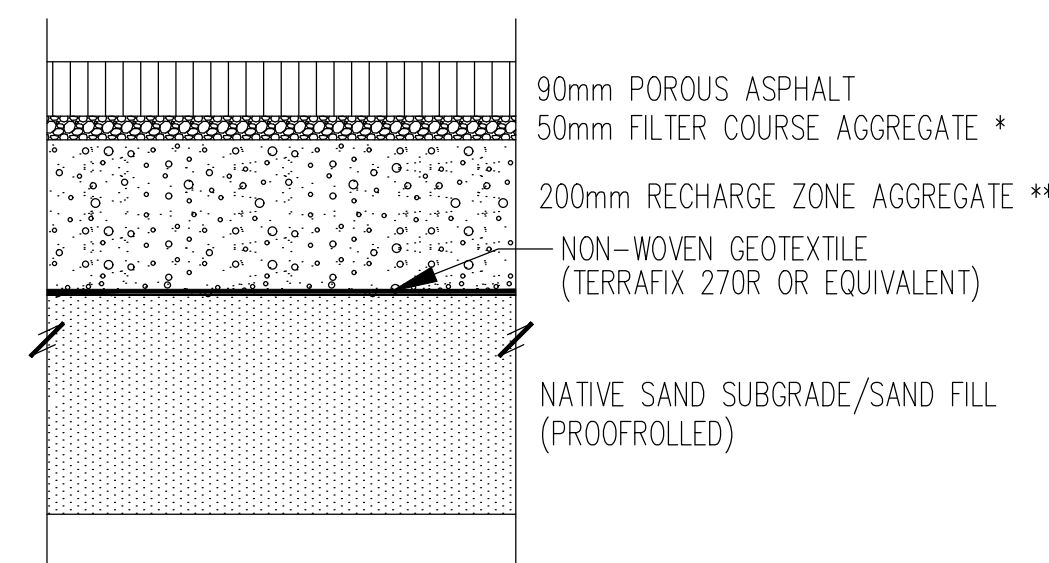
Goderich Mount Forest Samia

**St. John Fisher Catholic School (Forest) Site Plan**  
Servicing and Grading

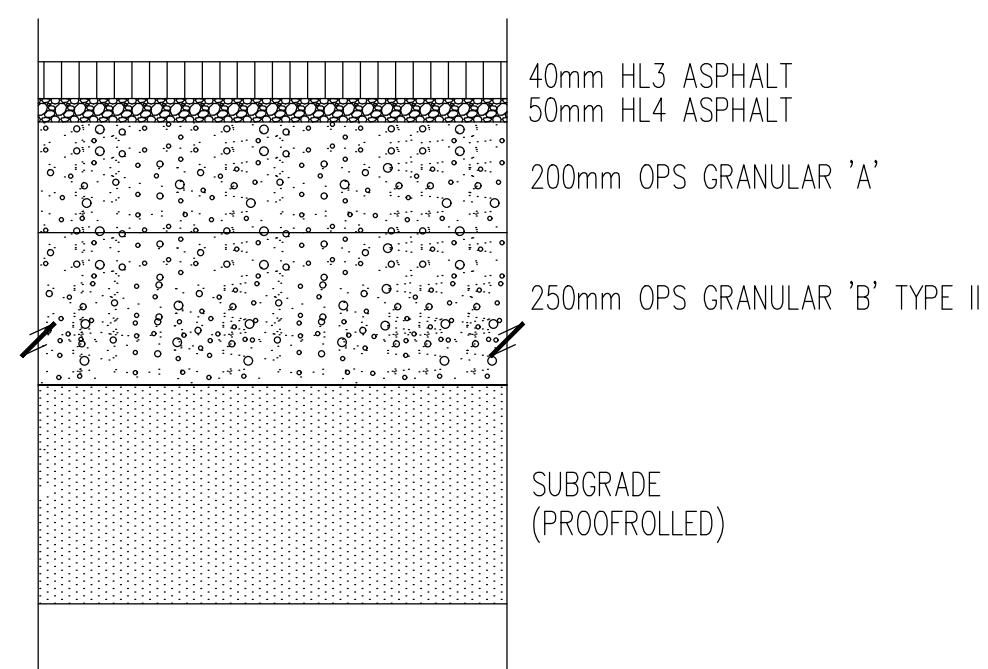
<b>Contract No.</b>	<b>Project No.</b> 17037
<b>Scale</b> 1:200	<b>Drawing No.</b> 1 of 2



**PLAYGROUND POROUS ASPHALT SECTION**  
SCALE: N.T.S.



**LIGHT-DUTY POROUS ASPHALT SECTION**  
SCALE: N.T.S.



**HEAVY-DUTY ASPHALT SECTION**  
SCALE: N.T.S.

\* COMPOSED OF 100% CRUSHED CARBONATE OR TRAPROCK

\*\* THE RESERVOIR STONE SHOULD BE COMPOSED OF 100% CRUSHED COARSE AGGREGATE, GROUP II 80-40 AS PER CSA A23.1, TABLE 11 WITH THE ADDED REQUIREMENT THAT THE MATERIAL PASSING THE 0.150mm SIEVE BE LESS THAN 2%

**NOTES:**

- IT IS THE CONTRACTOR'S RESPONSIBILITY PRIOR TO CONSTRUCTION TO INVESTIGATE AND VERIFY FOR HIMSELF THE LOCATIONS OF ALL EXISTING MUNICIPAL AND PRIVATE SERVICES AND UTILITIES WHICH MAY AFFECT THE WORK WHETHER OR NOT INDICATED ON THE DRAWINGS.
- THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS AND LAYOUT
- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE LATEST REVISION OF THE ONTARIO PROVINCIAL STANDARD SPECIFICATIONS AND MUNICIPALITY OF LAMBTON SHORES SPECIFICATIONS AND DRAWINGS
- GENERAL CONTRACTOR OR APPROPRIATE SUB-TRADE SHALL BE RESPONSIBLE FOR NOTIFYING THE FOLLOWING PEOPLE AT LEAST 2 WORKING DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION:
  - THE MUNICIPALITY OF LAMBTON SHORES ENGINEERING SPECIALIST CONTACT: NICK VERHOEVEN AT 519-243-1400
  - THE ENGINEERING CONSULTANT BM ROSS AT 519-908-9564
  - THE COUNTY OF LAMBTON PLUMBING INSPECTOR AT 519-845-0801

**REMOVALS:**

- REMOVE AND DISPOSE OF EXISTING ASPHALT AND GRANULAR BASE MATERIALS TO DESIGN SUBGRADE LEVEL OFF-SITE.
- REMOVE AND DISPOSE OF EXISTING BASKETBALL NETS OFF-SITE.
- REMOVE AND DISPOSE OF EXISTING CATCHBASINS AND ANY ASSOCIATED PIPING OFF-SITE.

**DRAINAGE NOTES:**

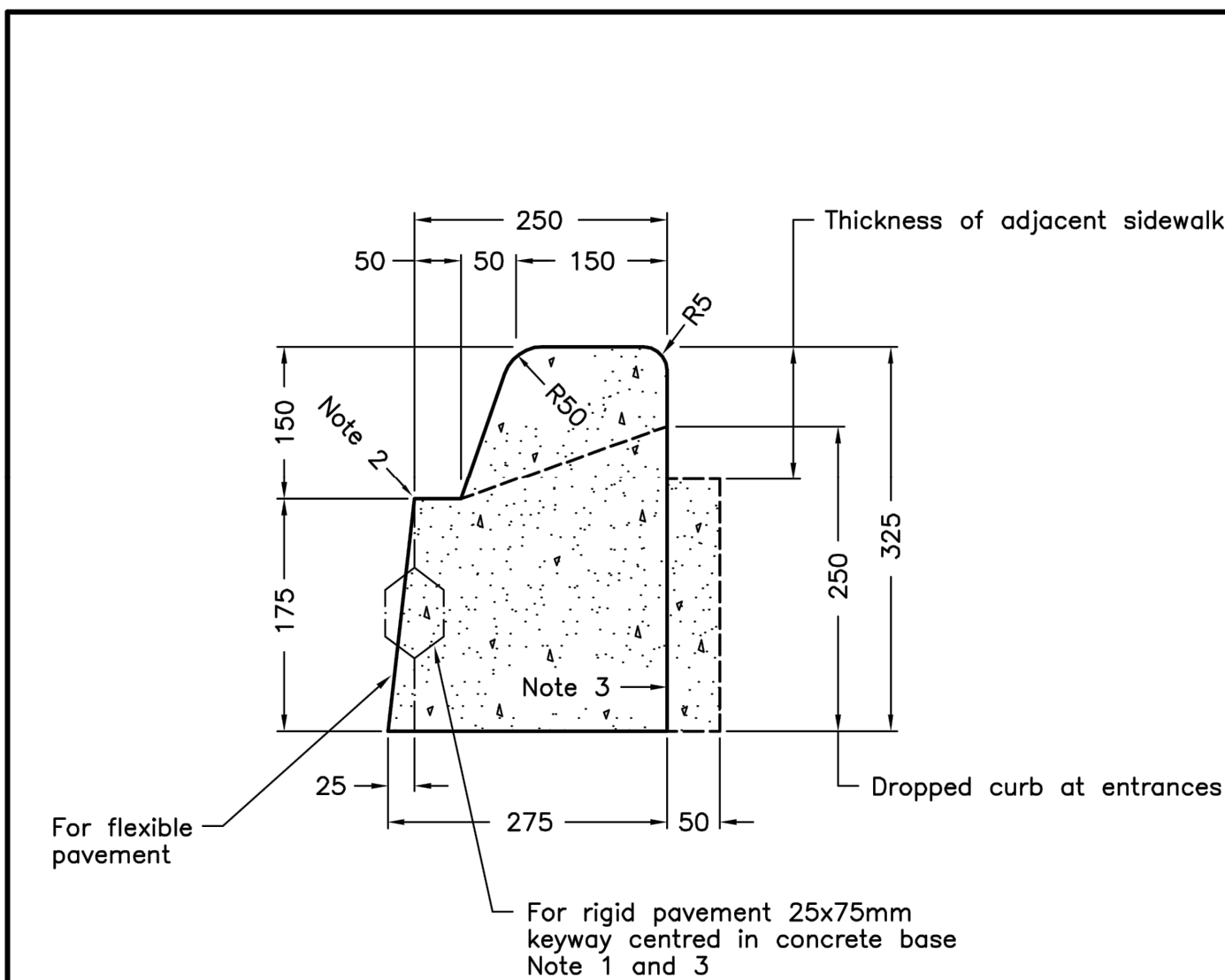
- STORM EXFILTRATION TRENCHES SHALL BE CONSTRUCTED AS PER DETAILS THIS PAGE. CONTRACTOR SHALL SUBMIT SAMPLES OF GRANULAR MATERIALS FOR APPROVAL PRIOR TO CONSTRUCTION.
- BIG 'O' CATCHBASINS TO BE INSTALLED PER DETAIL THIS PAGE.
- NEW 150mmØ ROOF DRAIN STORM PIPE SHALL BE PVC DR28
- NEW 200mmØ ROOF DRAIN STORM PIPE SHALL BE PVC DR28

**PAVEMENTS, CURBS, STEPS, AND RETAINING WALL:**

- EXCAVATE AS REQUIRED TO PAVEMENT SUBGRADE INCLUDING REMOVAL OF ANY TOPSOIL ENCOUNTERED.
- PAVEMENT OVER APPROVED SUBGRADE SHALL BE AS PER DETAILS ON THIS DRAWING. POROUS ASPHALT PAVEMENT STRUCTURE TO BE CONFIRMED BY GEOTECHNICAL CONSULTANT.
- ALL SITE CURBING SHALL BE AS PER OPSD-600.080
- MUNICIPAL BLVDS AND ON-SITE GRASS AREAS SHALL BE RESTORED WITH MIN. 150mm TOPSOIL AND SOD.
- CONTRACTOR SHALL SUBMIT MIX DESIGN FOR POROUS ASPHALT FOR REVIEW AND APPROVAL BY GEOTECHNICAL ENGINEER PRIOR TO CONSTRUCTION.
- REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR DETAILS FOR PROPOSED RETAINING WALLS, STEPS, SLABS, AND TACTILE WARNING PLATES.

**PAVEMENT MARKINGS, EQUIPMENT, AND FENCING:**

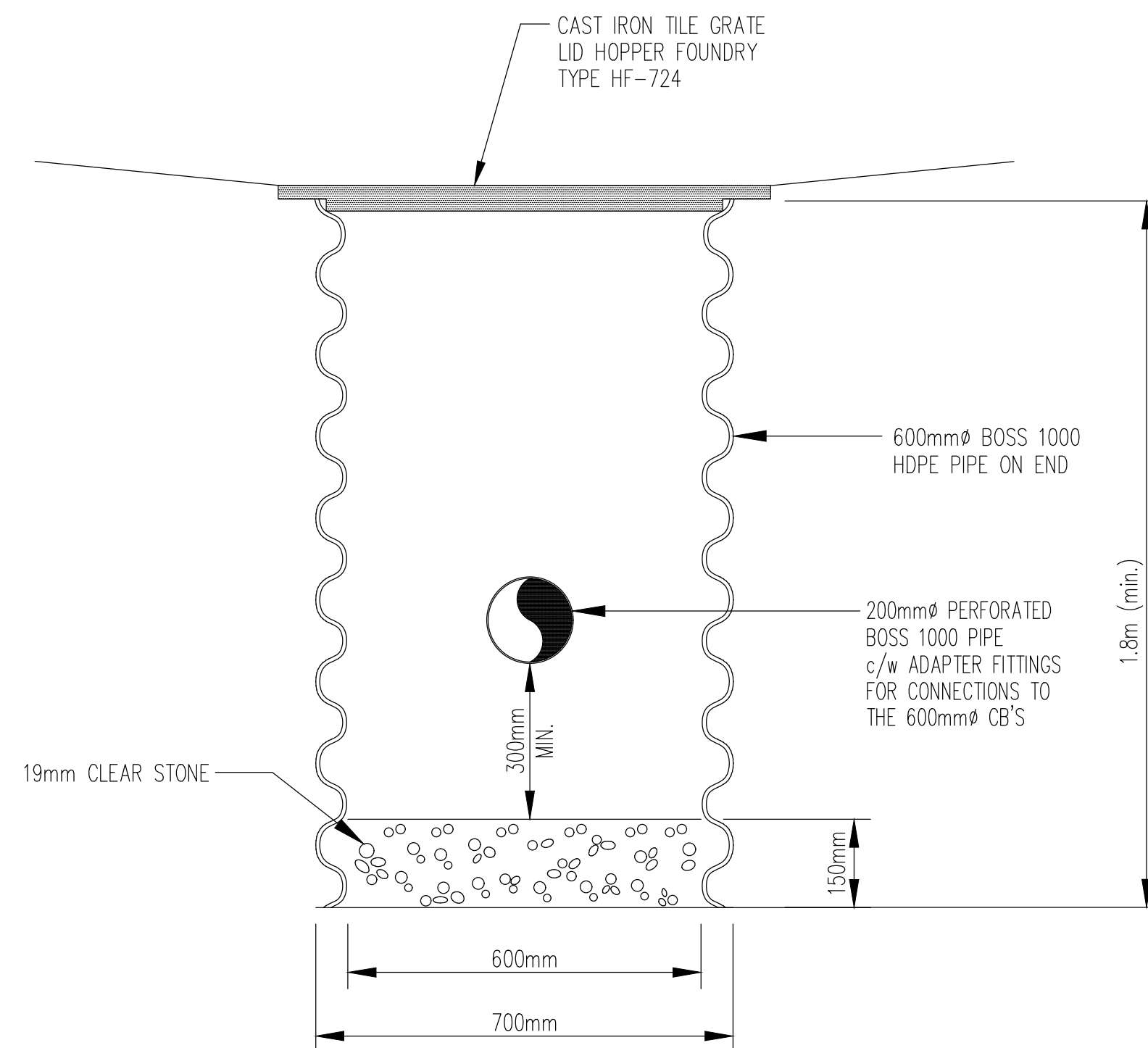
- REFER TO ARCHITECTURAL FOR LAYOUT AND PAVEMENT PAINTING REQUIREMENTS FOR GAMES.
- REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS FOR NEW BASKETBALL NET AND FENCING REQUIREMENTS.



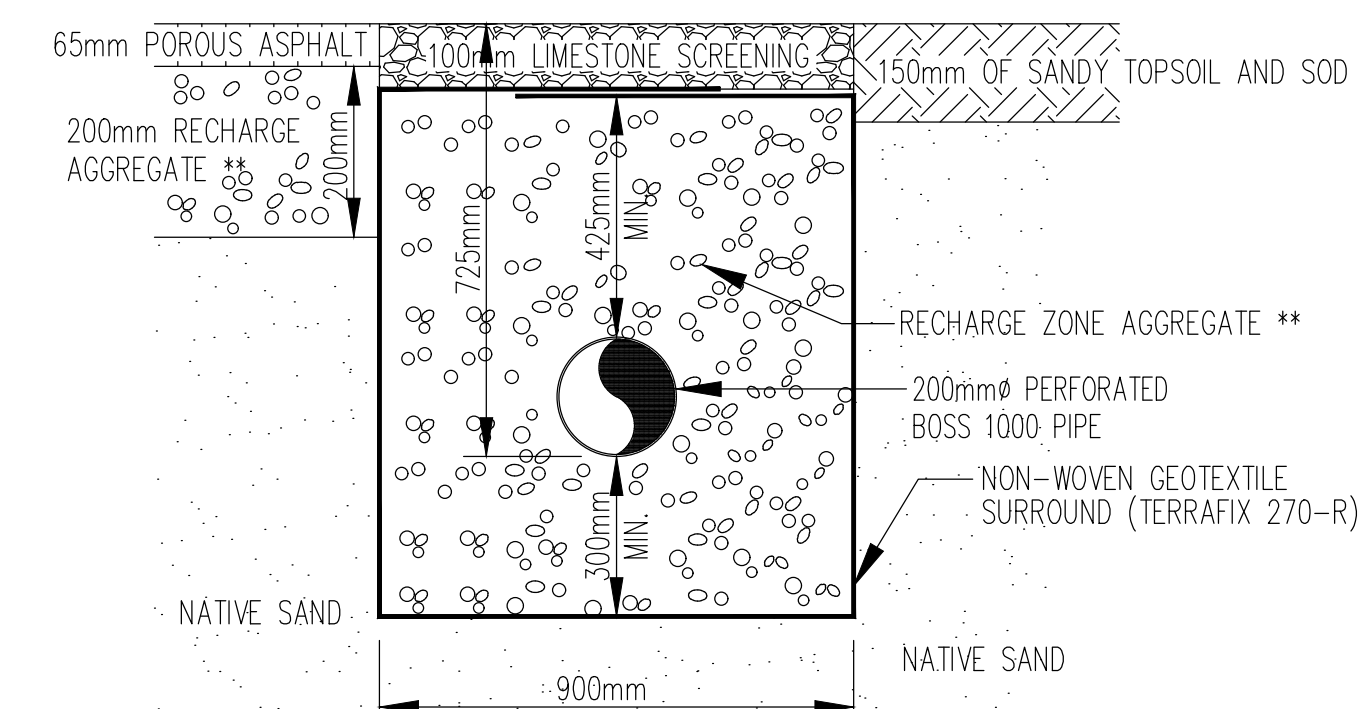
**NOTES:**

- When curb and gutter is adjacent to concrete pavement or base, this drawing shall be used in conjunction with OPSD 552.010 and 552.020.
  - Flexible and composite pavement shall be placed 5mm above the adjacent edge of gutter.
  - For slipforming procedure a 5% batter is acceptable.
- A Treatment at entrances shall be according to OPSD 351.010.  
 B Outlet treatment shall be according to the OPSD 610 Series.  
 C The transition from one curb type to another shall be a minimum length of 3.0m, except in conjunction with guide rail where it shall be according to the OPSD 900 Series.  
 D All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2012	Rev 2
<b>CONCRETE BARRIER CURB WITH NARROW GUTTER</b>	OPSD 600.080	



**TYPICAL BIG 'O' CATCHBASIN (IPCB) DETAIL**  
SCALE: N.T.S.



**C1 EXFILTRATION TRENCH SECTION**  
SCALE: N.T.S.

**LEGEND**

--- SAN. or STM.	EXISTING SEWERS, SANITARY or STORM
○ MH. CS.	MANHOLE and CATCHBASIN
--- WATERM.	WATERMAIN
--- GASMAIN	GASMAIN
--- UNDERGROUND TELEPHONE	UNDERGROUND TELEPHONE
--- UNDERGROUND HYDRO	UNDERGROUND HYDRO
--- UNDERGROUND TV. CABLE	UNDERGROUND TV. CABLE
H B T H-B L F	UTILITY POLES
--- GRUBBING	GRUBBING
--- REMOVE EXISTING CONC. SIDEWALK AND DRIVES	REMOVE EXISTING CONC. SIDEWALK AND DRIVES
--- REMOVE AND PLACE CONC. SIDEWALK AND DRIVES	REMOVE AND PLACE CONC. SIDEWALK AND DRIVES
--- PLACE CONC. SIDEWALK AND DRIVES	PLACE CONC. SIDEWALK AND DRIVES
--- REMOVE EXISTING ASPHALT PAVT	REMOVE EXISTING ASPHALT PAVT
--- PLACE HOT MIX ASPHALT (DRIVES 50mm HL-3 HOT MIX MISC.)	PLACE HOT MIX ASPHALT (DRIVES 50mm HL-3 HOT MIX MISC.)
--- REMOVE EXISTING CONC. CURB	REMOVE EXISTING CONC. CURB

**NOTE**  
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**BENCHMARK INFORMATION**

BM Elevation	216.790
Top of finished floor at main entrance to school	

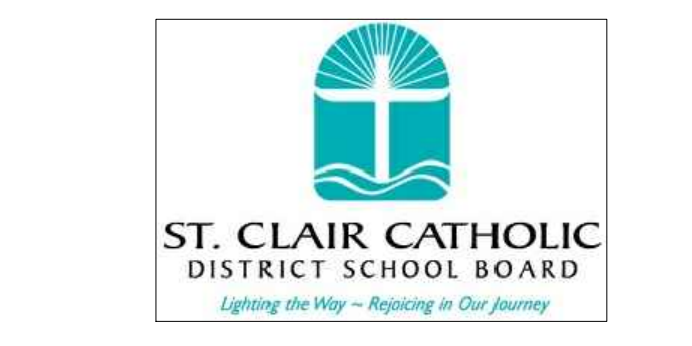
**BENCHMARK INFORMATION**

Design By: B.K. / G.C.B. Checked By: G.C.B.

No.	DATE	REVISION
01	04/17	For Tender
02	04/17	For Addendum



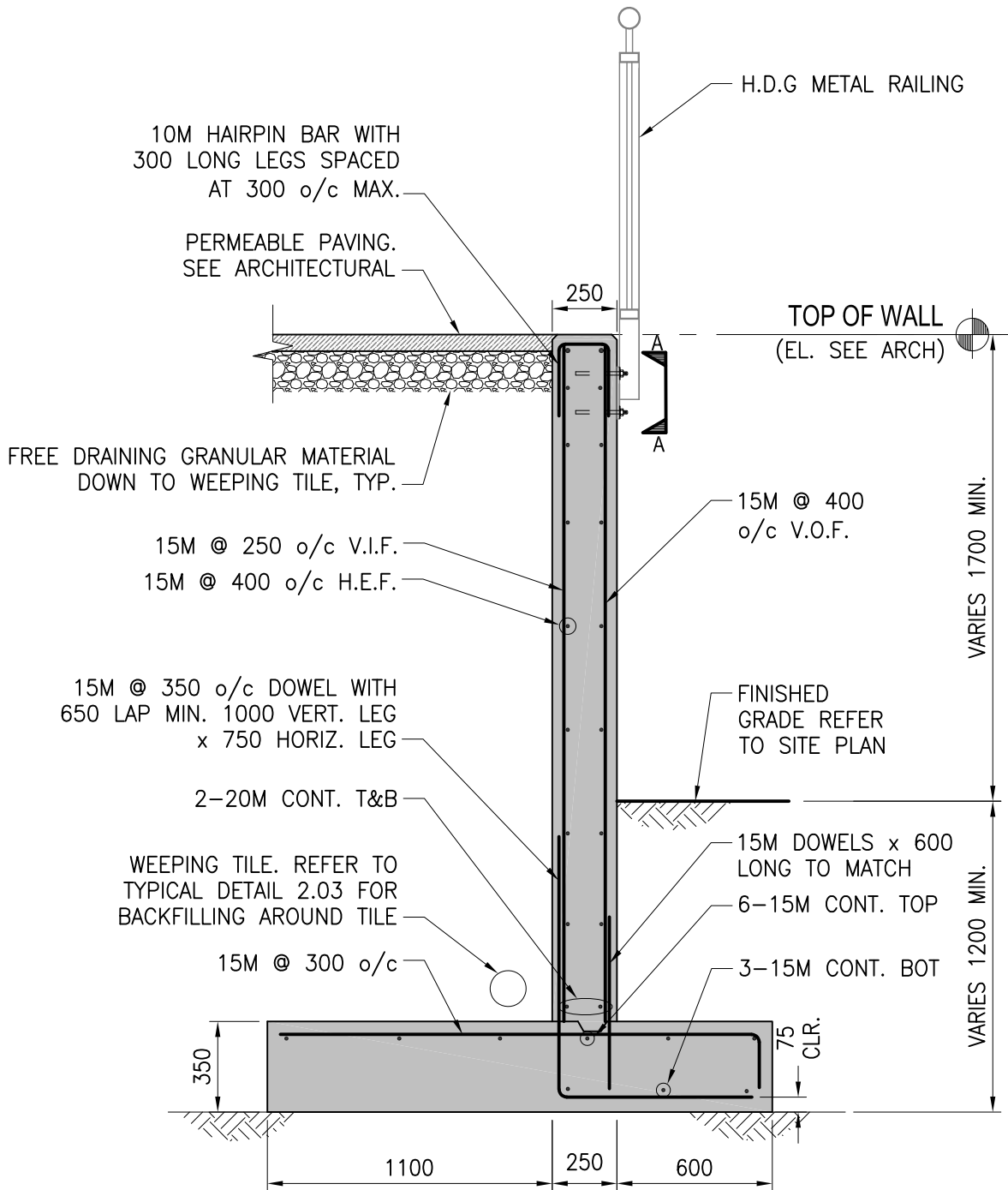
Goderich Mount Forest Samia



**St. John Fisher Catholic School (Forest)**

**Notes and Details**

Contract No.	N/A	Project No.	17037
Scale	1:100	Drawing No.	2 of 2



RW1 - SECTION 12  
SCALE: 1:25

ST. JOHN FISHER  
RETAINING WALL AND  
RAMP

FOREST

ONTARIO



458 Queens Ave, London, ON, Canada N6B 1X9  
tel. (519) 433-4661 fax. (519) 433-6420

DRAWN BY:  
AV

CHECKED BY:  
RAS

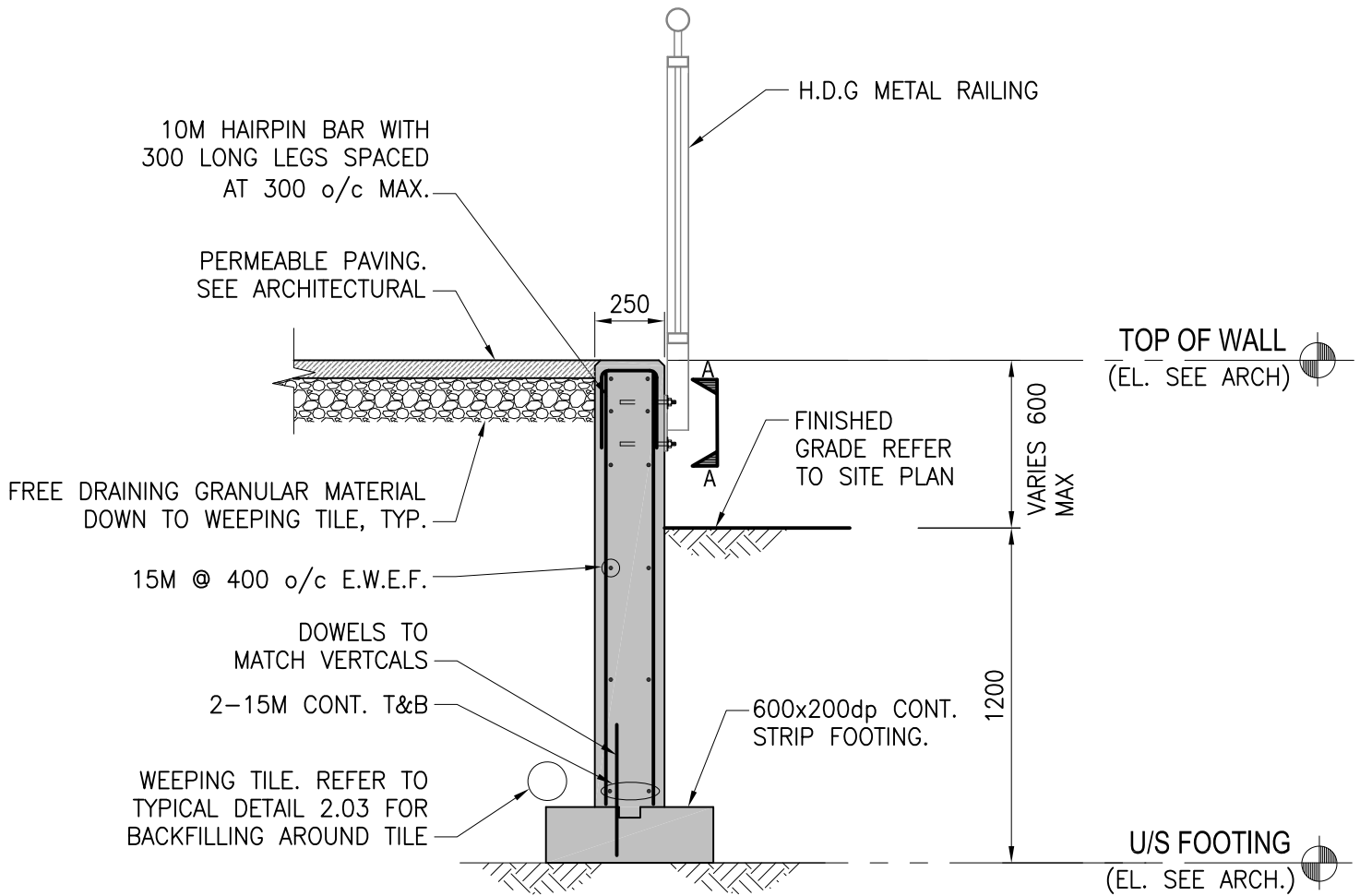
DATE:  
APR 24/17

PROJECT #:  
17127

DRAWING #:

SK-1





RW3 - SECTION 14  
SCALE: 1:25

14  
S1

ST. JOHN FISHER  
RETAINING WALL AND  
RAMP

FOREST

ONTARIO



458 Queens Ave, London, ON, Canada N6B 1X9  
tel. (519) 433-4661 fax. (519) 433-6420

DRAWN BY:  
AV

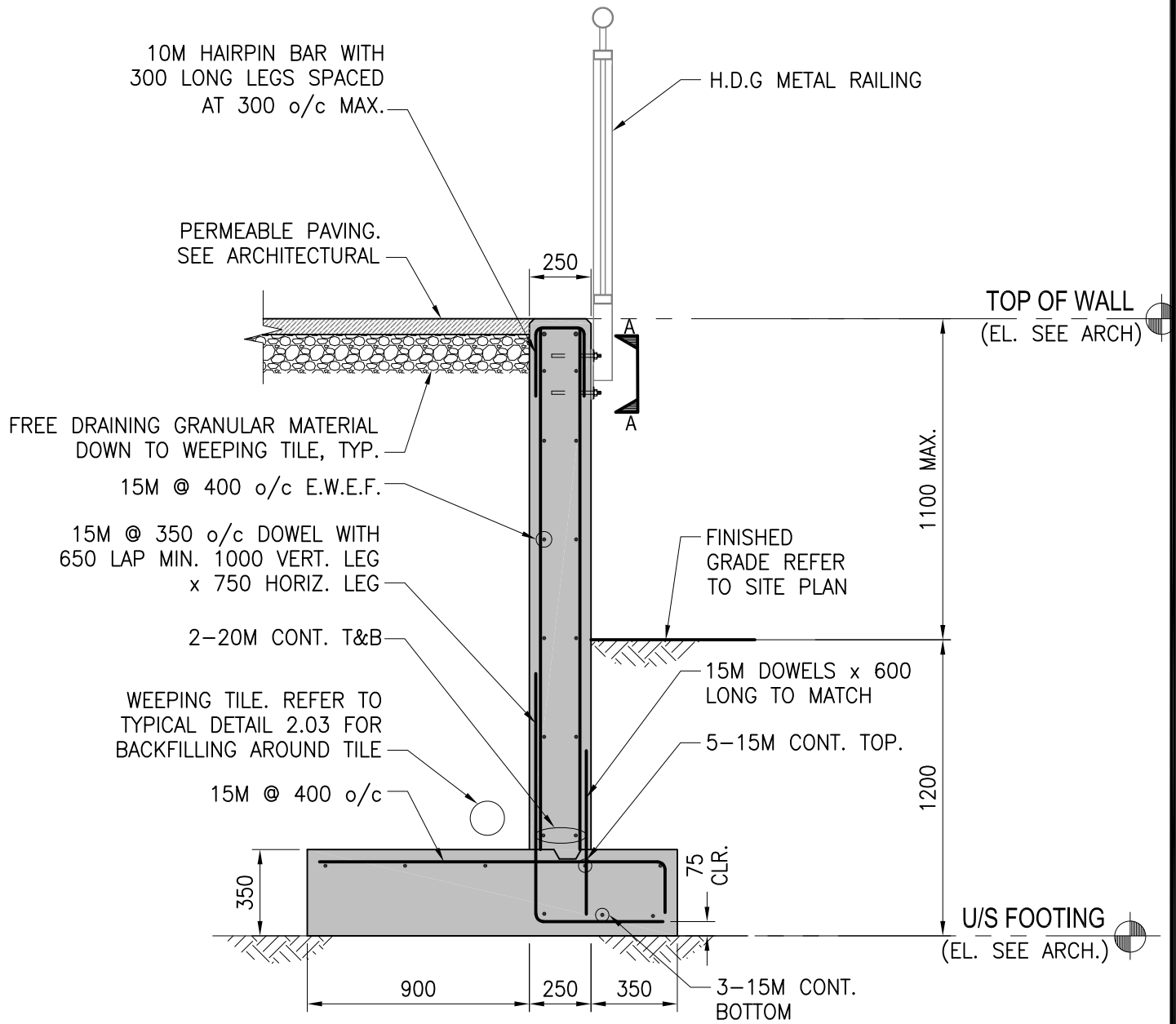
CHECKED BY:  
RAS

DATE:  
APR 24/17

PROJECT #:  
17127

DRAWING #:

SK-3



**RW2 - SECTION 13**  
 SCALE: 1:25  
 S1

ST. JOHN FISHER  
 RETAINING WALL AND  
 RAMP

FOREST

ONTARIO



458 Queens Ave, London, ON, Canada N6B 1X9  
 tel. (519) 433-4661 fax. (519) 433-6420

DRAWN BY:  
 AV

CHECKED BY:  
 RAS

DATE:  
 APR 24/17

PROJECT #:  
 17127

DRAWING #:

SK-2