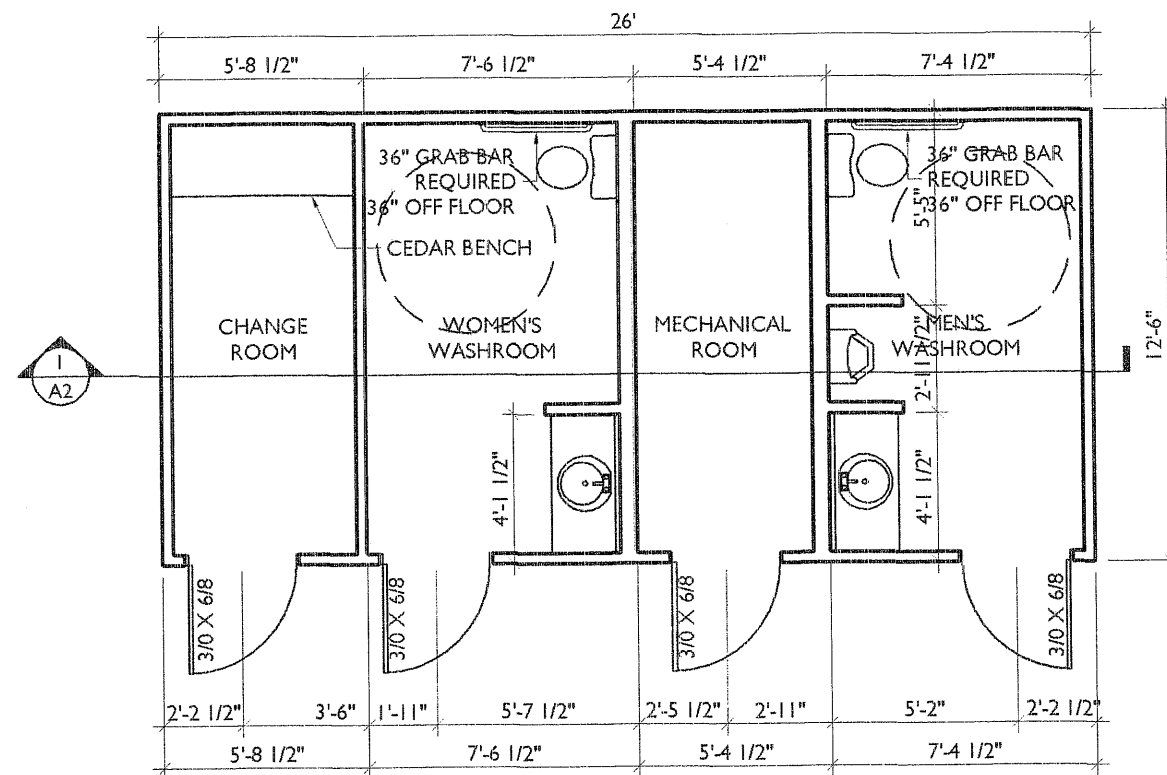


**A** ROOF PLAN  
3/16" = 1'



**AI** BUILDING PLAN  
3/16" = 1'

FILE NUMBER: 2010013

**AI**

SHEET NUMBER:

PROJECT NAME: <b>PARK BUILDING</b>		
SHEET NAME: ROOF PLAN BUILDING PLAN		
REVISIONS		
DATE	COMMENT	BY
10.12.09	ISSUED FOR CLIENT REVIEW	R.B.

NOTES:

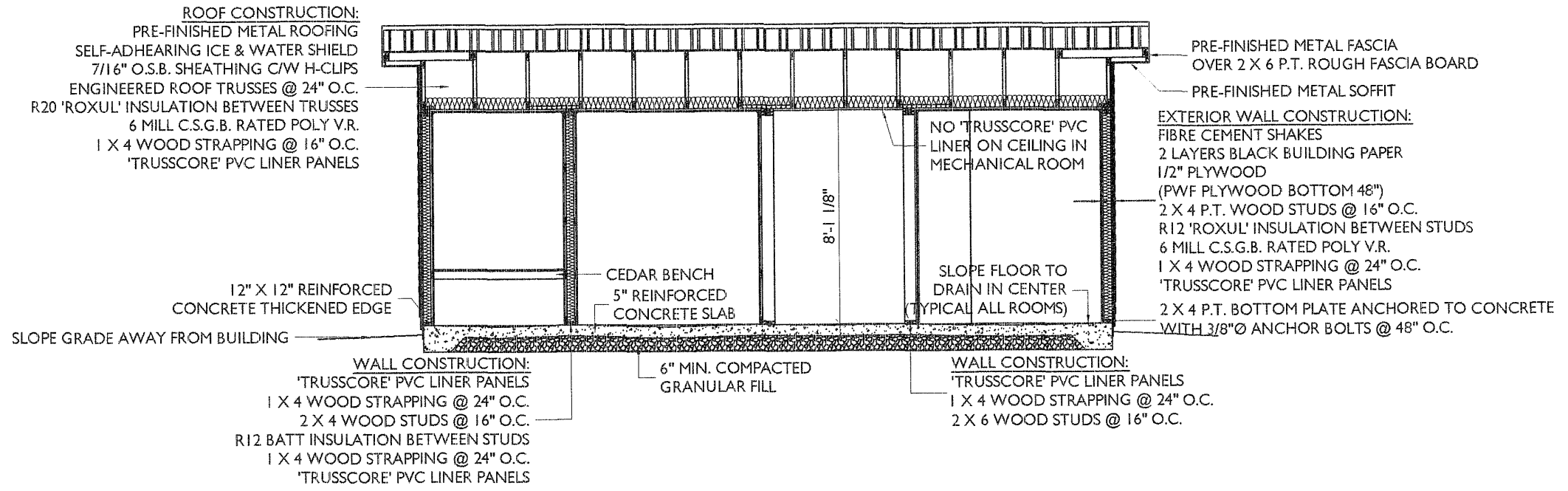
DRAWN BY:  
**R.B.**

APPROVED BY:

ALL MEASUREMENTS TO BE FIELD VERIFIED BY GENERAL CONTRACTOR BEFORE COMMENCEMENT OF WORK. ALL DISCREPANCIES TO BE REPORTED IN WRITING TO DESIGNER.

ENGINEER STAMP:

ARCHITECT STAMP:



**I** BUILDING SECTION  
 3/16" = 1'

FILE NUMBER:  
 2010013

**A2**

SHEET NUMBER:

PROJECT NAME: <b>PARK BUILDING</b>		
SHEET NAME: <b>BUILDING SECTION</b>		
REVISIONS		
DATE	COMMENT	BY
10.12.09	ISSUED FOR CLIENT REVIEW	R.B.
11.08.09	REVISIONS AS PER REQUEST	R.B.

NOTES:

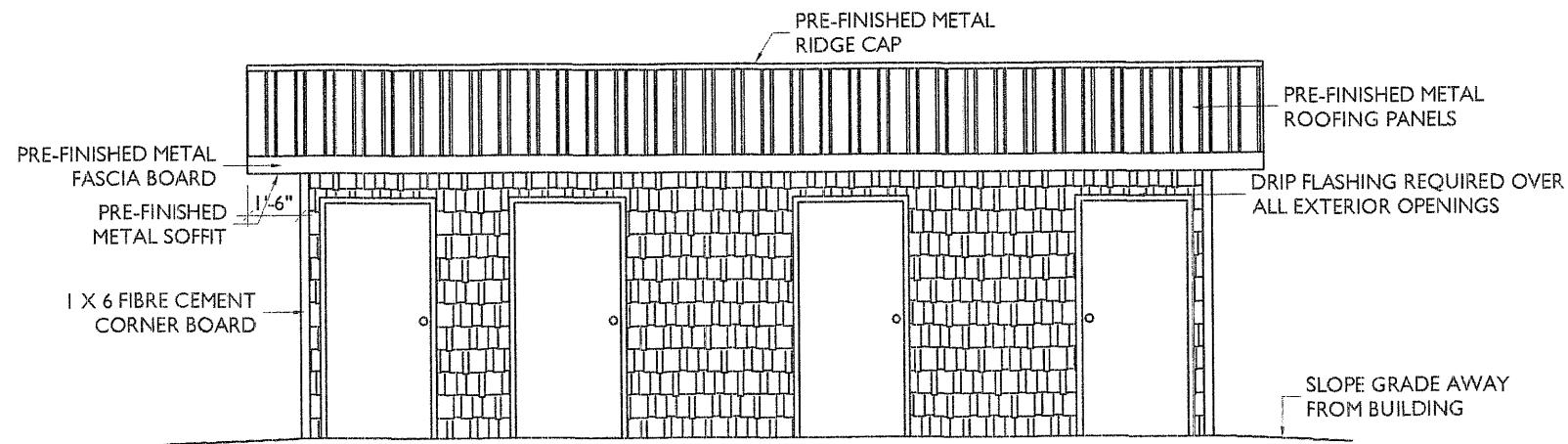
DRAWN BY:  
**R.B.**

APPROVED BY:

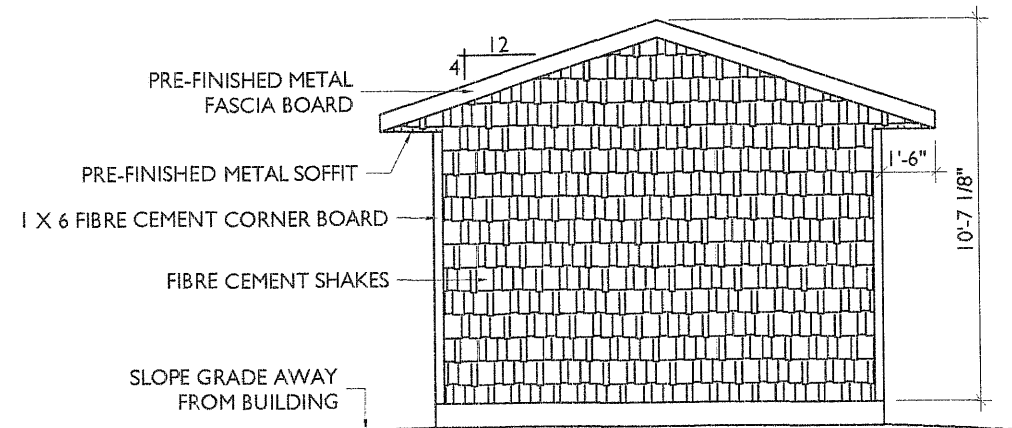
ALL MEASUREMENTS TO BE FIELD VERIFIED BY GENERAL CONTRACTOR BEFORE COMMENCEMENT OF WORK. ALL DISCREPANCIES TO BE REPORTED IN WRITING TO DESIGNER.

ENGINEER STAMP:

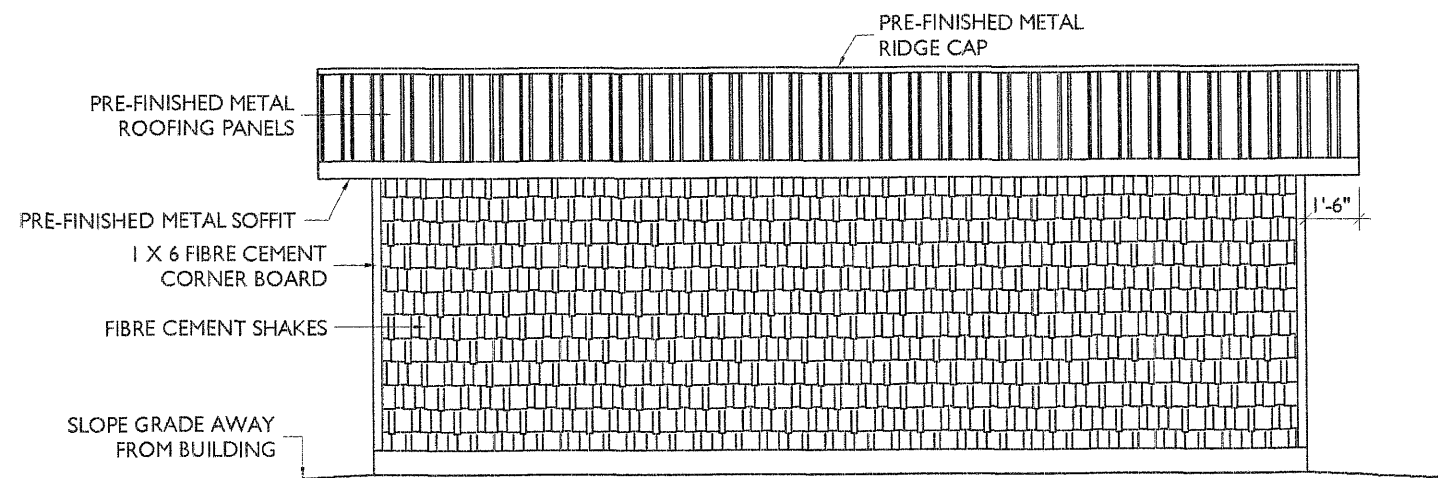
ARCHITECT STAMP:



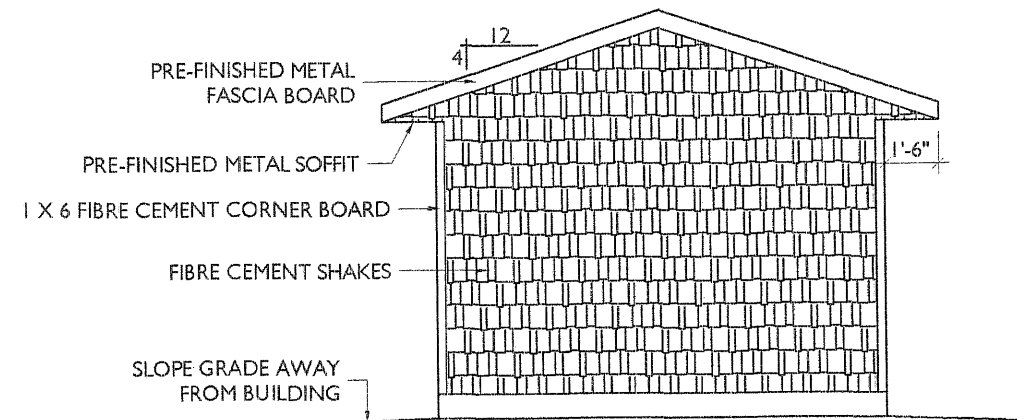
**E1** EXTERIOR ELEVATION  
3/16" = 1'



**E3** EXTERIOR ELEVATION  
3/16" = 1'



**E2** EXTERIOR ELEVATION  
3/16" = 1'



**E4** EXTERIOR ELEVATION  
3/16" = 1'

FILE NUMBER:  
2010.013

**A3**

SHEET NUMBER:

PROJECT NAME: <b>PARK BUILDING</b>		
SHEET NAME: <b>BUILDING SECTION</b>		
REVISIONS		
DATE	COMMENT	BY
10.12.09	ISSUED FOR CLIENT REVIEW	R.B.
11.08.09	REVISIONS AS PER REQUEST	R.B.

NOTES:

DRAWN BY:  
**R.B.**

APPROVED BY:

ALL MEASUREMENTS TO BE FIELD VERIFIED BY GENERAL CONTRACTOR BEFORE COMMENCEMENT OF WORK. ALL DISCREPANCIES TO BE REPORTED IN WRITING TO DESIGNER.

ENGINEER STAMP:

ARCHITECT STAMP:

**GENERAL**

1. These notes are to be read in conjunction with the specifications.
2. This building has been designed in accordance with the 2005 edition of the Manitoba Building Code.
3. The contractor shall be responsible for the design and installation of all necessary shoring, bracing and formwork. Formwork for new construction shall be bridged over existing services. Procedure must be approved by the design Engineer.
4. Any unsound structural conditions observed or created during construction are to be reported to Engineer immediately.
5. Coordinate size and location of all openings in structural members with trades involved. All openings not indicated on structural drawings to be approved by Engineer.
6. Confirm the location of all sub-grade services prior to commencing site work.
7. Verify all dimensions and elevations with architectural drawings prior to construction. Any discrepancies to be reported to engineer immediately. Do not scale drawings.
8. Confirm all existing conditions prior to construction. Any discrepancies or conflicts to be reported to Engineer immediately.

**STRUCTURAL WOOD**

1. All wood framing shall be in accordance with CSA 086.
2. All lumber shall conform to 1978 N.L.G.A. grading rules for Canadian lumber.
3. Wall studs to be minimum #2 Spruce-Pine-Fir or better U/N on drawings, kiln-dried to a maximum moisture content of 19%.
4. Joists, lintels, and built-up beams to be minimum #2 Spruce-Pine-Fir or better U/N on drawings, properly seasoned to a maximum moisture content of 19%.
5. The carpentry contractor in conjunction with the general contractor shall be responsible for supplying and installing all temporary and permanent bracing required to provide the stability of the structure.
6. All plywood sheathing to be exterior grade.
7. All wall and roof sheathing to be nailed secure in a controlled random pattern.
8. The wood truss supplier shall be responsible for the design and supply of all roof trusses, gable end trusses, bridging and hardware required for the connections.
9. The wood truss supplier shall submit drawings bearing the seal of an engineer, registered in the Province of Manitoba for review of:
  - fabrication drawings of each truss type c/w member sizes, dimensions, and design information.
  - an erection drawing showing the location of all truss and other information required by the contractor for the proper installation of the trusses.
10. No site modifications to be made to trusses without prior approval of supplier and Engineer.
11. All repairs made to damaged trusses to be approved by supplier and Engineer.
12. All built-up wood columns and post to be continuously blocked down to foundation.
13. Provide additional studs (cripples) below bearing points of built-up beams and lintels. Number of studs to equal number of plies of beam or lintel w/n.
14. All lintels for stud bearing walls to be 2 ply 2 x 10 w/n on drawings

**CONCRETE**

1. Concrete work shall be in accordance with the latest edition of CAN 3-A23.1 for "Concrete Materials and Methods of Concrete Construction" including cold weather requirements when the temperature falls below 5°C.
3. Type 10 for all concrete
4. CONCRETE DESIGN STRENGTH @ 28 days
  - 35 MPa: exterior steps, sidewalks, driveways & garage slabs
  - 25 MPa: all other concrete U/N
5. AGGREGATE SIZE:
  - max 1 1/2" for pile caps & piers
  - max 3/4" for all other concrete
  - max 1/2" for masonry lintels and core fill
6. SLUMP:
  - 5" +/- 1" for all concrete
  - except 6" +/- 3/4" for masonry fill.
7. AIR ENTRAINMENT:
  - 5% +/- 1% exterior curbs and ramps.

**FOUNDATION**

1. Pads are designed for a maximum bearing pressure of 2000 PSF.
2. All footings shall extend a minimum of 18" into native undisturbed soil, and bear on a level surface capable of supporting the maximum design pressure.
3. Concrete for footings, pads and piers shall be 25 MPa @ 28 days. Type 10 cement, 3/4" max aggregate size, 5" slump
4. All exterior footings shall have at least 4" of earth cover, or equivalent insulation for frost protection.
5. Footing bases shall be stepped at a maximum 1 to 1 slope where bearing levels vary.
6. Footing excavations & footings to be protected from frost at all times, during construction.

**REINFORCING**

1. All bars to conform to CSA G30.18-M92. 15M bars and larger to be grade 400 10M bars and supporting rods to be grade 300 or better
2. All steel to be detailed in accordance with the current ACI Detailing Manual.
3. Minimum clear cover to reinforcing
  - 3/4" structural slabs
  - 1" interior face of walls
  - 1 1/2" face of grade beams
  - 2" exterior face of walls, bottom of grade beams & walls
  - 3" pile caps
  - 3" bottom of footings
4. In concrete beams, bend horizontal reinforcing 24" around corners, or use extra corner bars 36" x 36".
5. All reinforcing steel shall be cleaned of all dirt, grease and other deleterious materials prior to placing.
6. All reinforcing shall be new billet deformed bars.

ARCHITECT STAMP:

ENGINEER STAMP:

DRAWN BY:

**R.B.**

APPROVED BY:

ALL MEASUREMENTS TO BE FIELD VERIFIED BY GENERAL CONTRACTOR BEFORE COMMENCEMENT OF WORK. ALL DISCREPANCIES TO BE REPORTED IN WRITING TO DESIGNER.

NOTES:

**PARK BUILDING**

PROJECT NAME:

STRUCTURAL NOTES

SHEET NAME:

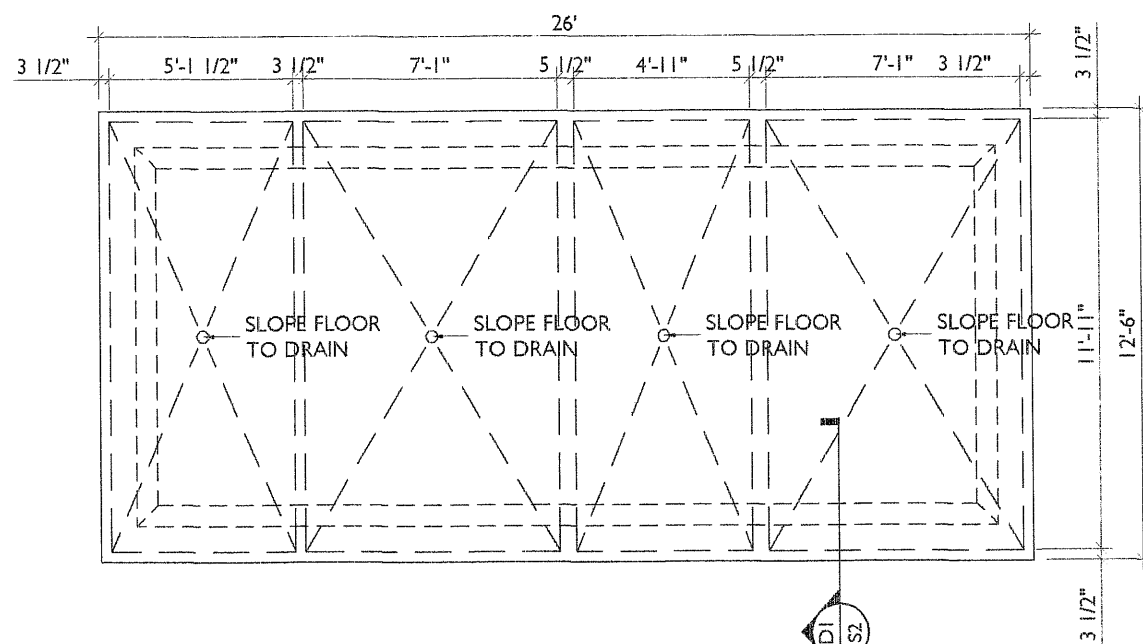
REVISIONS		
DATE	COMMENT	BY
10.12.09	ISSUED FOR CLIENT REVIEW	R.B.

SHEET NUMBER:

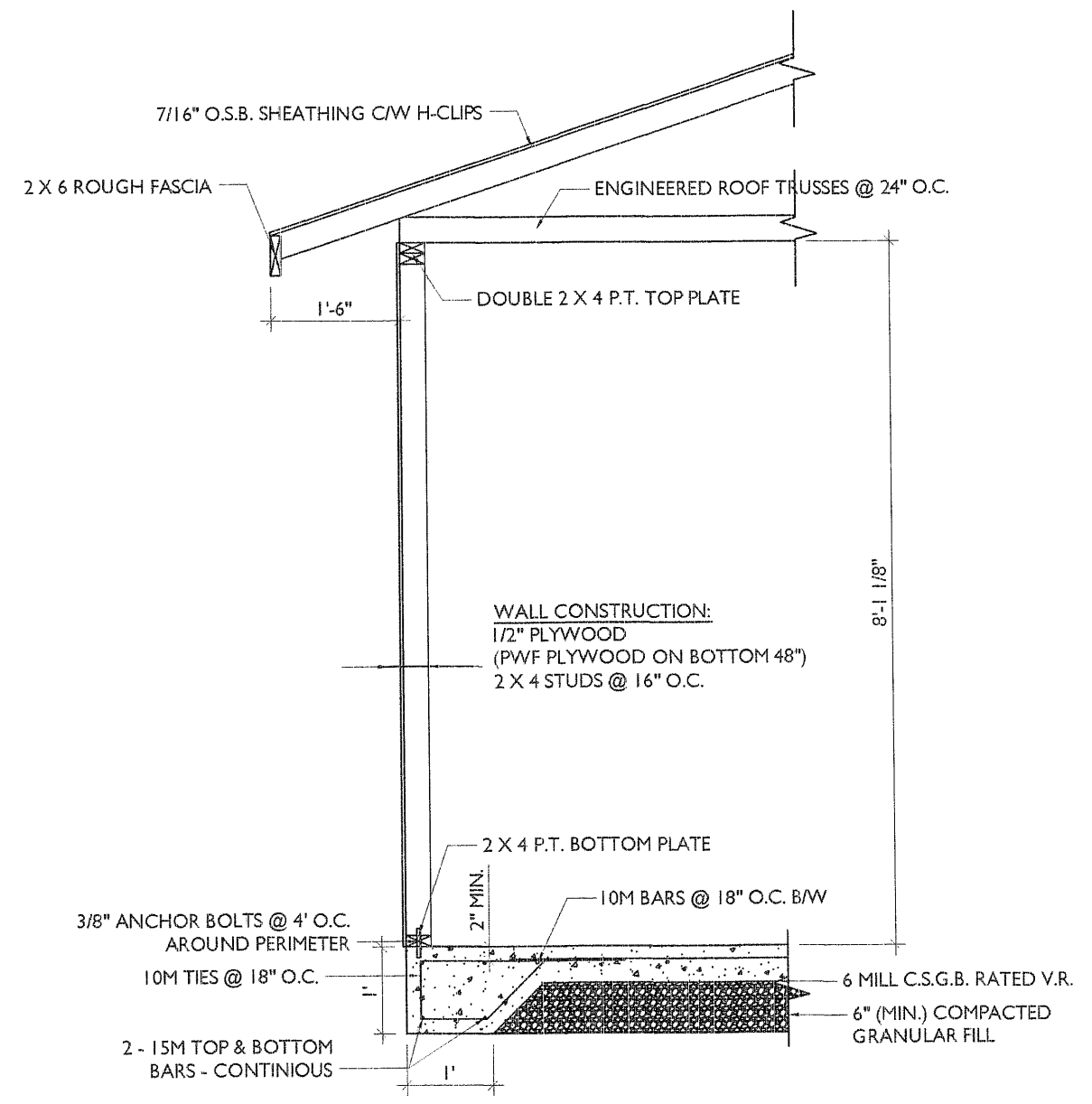
**50**

FILE NUMBER:

2010.013



**SI** FOUNDATION PLAN  
3/16" = 1'



**DI** EXTERIOR WALL DETAIL  
1/2" = 1'

FILE NUMBER: <b>SI</b> 2010013	SHEET NUMBER: <b>SI</b>	PROJECT NAME: <b>PARK BUILDING</b>	NOTES:	DRAWN BY: <b>R.B.</b>	ENGINEER STAMP:	ARCHITECT STAMP:															
	SHEET NAME: <b>FOUNDATION PLAN CONSTRUCTION DETAIL</b>			APPROVED BY:																	
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>COMMENT</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td>10.12.09</td> <td>ISSUED FOR CLIENT REVIEW</td> <td>R.B.</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			REVISIONS			DATE	COMMENT	BY	10.12.09	ISSUED FOR CLIENT REVIEW	R.B.							ALL MEASUREMENTS TO BE FIELD VERIFIED BY GENERAL CONTRACTOR BEFORE COMMENCEMENT OF WORK. ALL DISCREPANCIES TO BE REPORTED IN WRITING TO DESIGNER.		
	REVISIONS																				
	DATE	COMMENT		BY																	
10.12.09	ISSUED FOR CLIENT REVIEW	R.B.																			
REVISIONS		ALL MEASUREMENTS TO BE FIELD VERIFIED BY GENERAL CONTRACTOR BEFORE COMMENCEMENT OF WORK. ALL DISCREPANCIES TO BE REPORTED IN WRITING TO DESIGNER.																			
DATE COMMENT BY		ALL MEASUREMENTS TO BE FIELD VERIFIED BY GENERAL CONTRACTOR BEFORE COMMENCEMENT OF WORK. ALL DISCREPANCIES TO BE REPORTED IN WRITING TO DESIGNER.																			