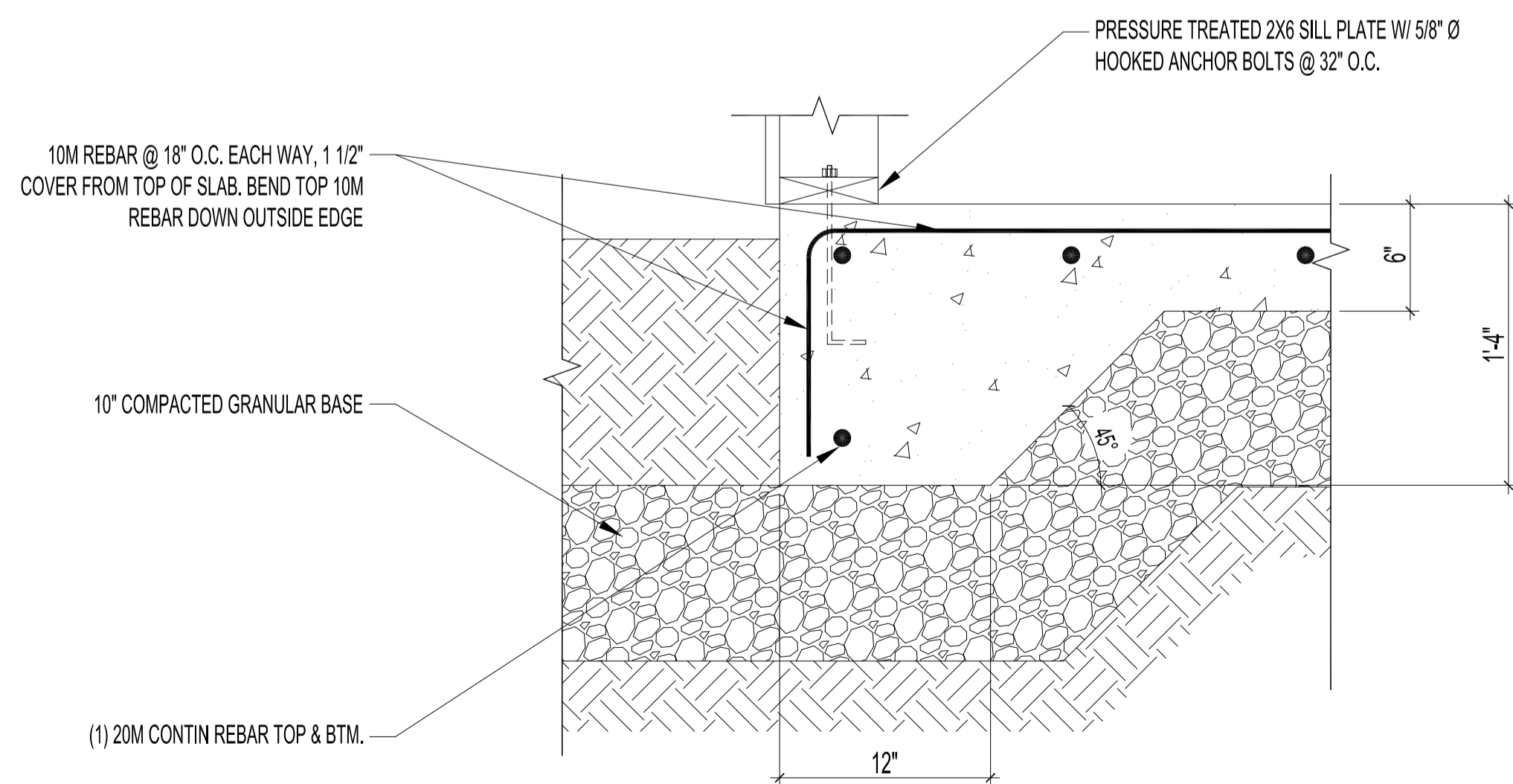
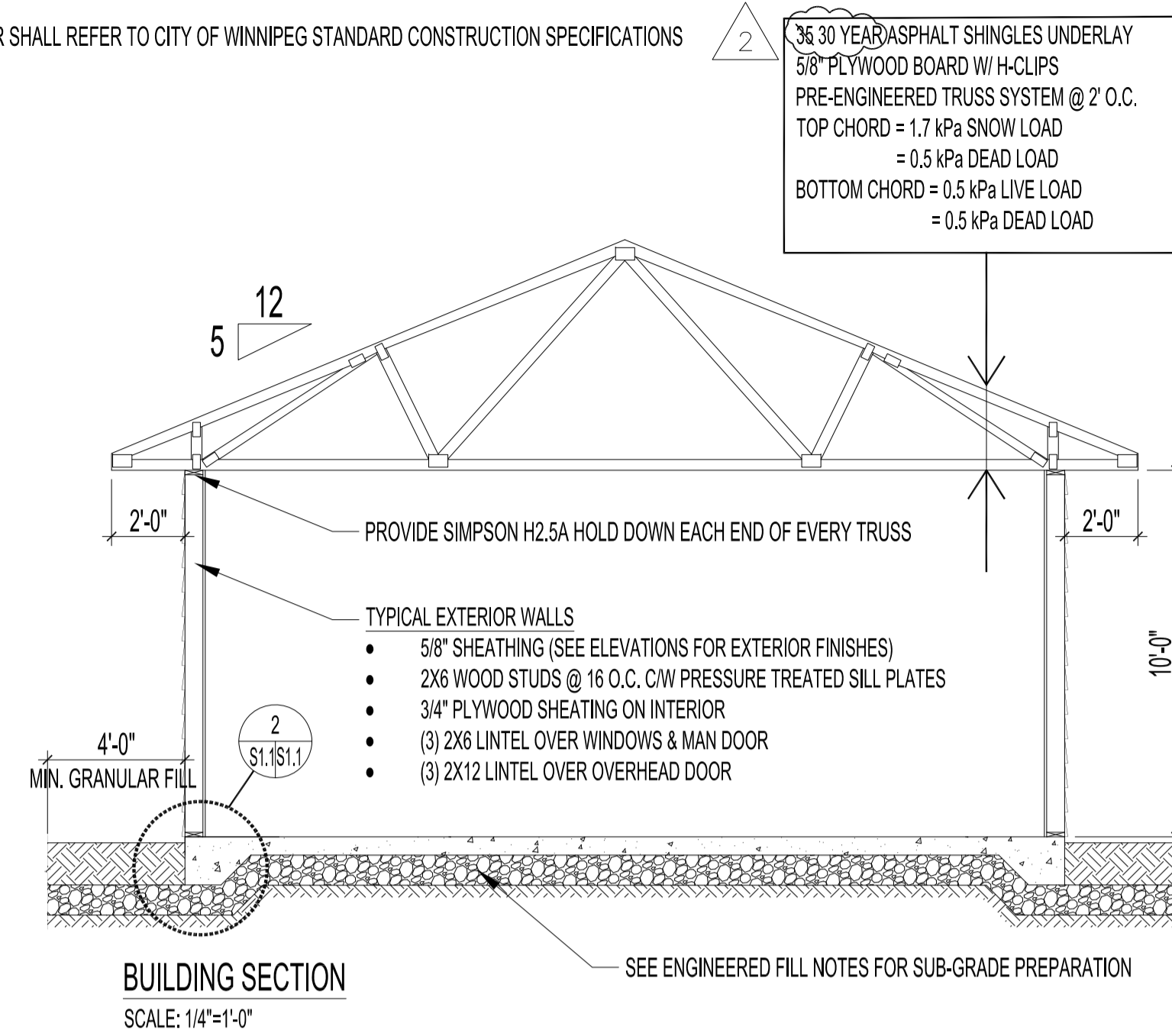


1 GARAGE FOUNDATION PLAN  
SCALE 1/4" = 1'-0"



2 FOUNDATION SECTION  
SCALE 1 1/2" = 1'-0"

NOTE: CONTRACTOR SHALL REFER TO CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS



**ENGINEERED FILL NOTES:**

- ALL ORGANIC MATERIAL UNDER BUILDING FOOTPRINT & 48" BEYOND PERIMETER IS TO BE REMOVED TO EXPOSE UNDERLYING CLAY.
- UNDERLYING CLAY IS TO BE COMPACTED TO AT LEAST 95% STANDARD PROCTOR DENSITY. ANY SOFT SPOTS ARE TO BE SUB-CUT BY 12" & REPLACED W/ COMPACTED 2" DOWN GRANULAR FILL.
- FINAL SUB-GRADE IS TO BE 10" OF 3/4" DOWN GRANULAR FILL COMPACTED TO AT LEAST 98% STANDARD PROCTOR DENSITY ACROSS BUILDING FOOTPRINT & 48" BEYOND.
- ALL COMPACTION OF GRANULAR FILL IS TO BE TESTED BY QUALIFIED GEO-TECHNICAL PERSONNEL. THE CITY OF WINNIPEG WILL RETAIN THE SERVICES OF AN INDEPENDENT TESTING AGENCY.

**GENERAL NOTES:**

- MINIMUM DESIGN SOIL BEARING PRESSURE = 1000 PSF.
- CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS TO APPLY TO ALL WORK.
- DESIGN TO CONFORM TO 2011 MANITOBA BUILDING CODE.
- CONCRETE MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH CAN/CSA-A23.1 (LATEST EDITION).

28 DAY COMP. STRENGTH	35 MPa
CEMENT	TYPE 10
W/C RATIO	0.40
AGGREGATE SIZE (MAX.)	3/4"
SLUMP (MAX.)	3 1/2" (± 3/8")
AIR ENTRAPMENT	5-8%

- REINFORCING STEEL TO BE NEW DEFORMED BILLET STEEL BARS CONFORMING TO CAN/CSA G30.18-M92. GRADES TO BE: 400 MPa FOR 15M BARS AND LARGER; 300 MPa FOR 10M BARS.
- BEND ALL HORIZONTAL REINFORCING 12" AROUND CORNERS OR PROVIDE ADDITIONAL 24" x 24" ANGLE BARS.
- REINFORCING STEEL SHALL BE CLEAN, FREE OF RUST, DIRT, LOOSE SCALE, OIL, GREASE OR ANY OTHER MATERIAL WHICH WOULD REDUCE BOND WITH THE CONCRETE.

**STRUCTURAL WOOD**

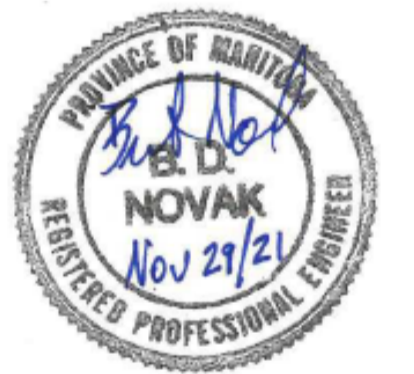
- FRAMING LUMBER SHALL CONFORM TO THE LATEST EDITION OF CSA 0141 & SHALL BE OF THE FOLLOWING MINIMUM GRADES:  
LINTELS, JOISTS & BEAMS: S-P-F NO. 2  
STUD WALLS S-P-F NO. 2
- ALL SHEATHING MATERIAL TO BE 5/8" STD. SPRUCE PLYWOOD IN ACCORDANCE WITH CSA 0325 UNLESS NOTED OTHERWISE. ALL SHEETS TO BE STAGGERED. FASTEN SHEET WITH 3" COMMON NAILS @ 300 O.C. ALONG ALL STUDS & AT 6" O.C. ALONG EDGES OF SHEET UNLESS NOTED OTHERWISE.
- DESIGN ROOF TRUSSES, BRACING, BRIDGING & CONNECTORS TO THE REQUIREMENTS OF CSA 086.1-M89 & OTHER APPLICABLE STANDARDS TO SAFELY CARRY LOADS AS INDICATED ON THE DRAWINGS.
- SUBMIT SHOP DRAWINGS BEARING STAMP OF QUALIFIED PROFESSIONAL ENGINEER LICENSED IN MANITOBA RESPONSIBLE FOR DESIGN.
  - INDICATE SPECIES, SIZES & STRESS GRADES OF LUMBER USED AS TRUSS MEMBERS. SHOW PITCH, SPAN, CAMBER CONFIGURATION & SPACING OF TRUSSES. INDICATE CONNECTOR TYPES, THICKNESS SIZES, LOCATIONS & DESIGN VALUE. SHOW BEARING DETAILS.
  - SUBMIT DIAGRAM INDICATING DESIGN LOAD OF EACH TRUSS MEMBER, SPECIAL LOADS, ALLOWABLE STRESS INCREASE & DEFLECTION LIMITS.
- TRUSS SUPPLIER SHALL BE RESPONSIBLE FOR FINAL INSPECTION & CERTIFICATION THAT TRUSSES ARE CONSTRUCTED & ERECTED AS PER TRUSS SUPPLIERS DESIGN ASSUMPTIONS.

**NOTES:**

- THESE DRAWINGS SHALL NOT BE SCALED.
- THE CONTRACTOR SHALL VISIT THE SITE AND SATISFY ONESELF ALL DIMENSIONS, DATUM, AND DETAILED INFORMATION SHOWN ARE CORRECT.
- ALL PRODUCTS AND MATERIALS TO BE USED AND INSTALLED SHALL CONFORM WITH MANUFACTURER'S SPECIFICATIONS & APPLICABLE CODES.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH AND MAKE GOOD ALL EXISTING CONSTRUCTION AFFECTED BY THE REMOVAL OF ALL ITEMS FORMING THE PART OF THE RENOVATION WORK.
- USE SPECIFIED BACKFILL IN ALL TRENCHES RUNNING BELOW ALL STRUCTURES, PAVING, WALKWAYS ETC.
- ALL EXISTING ROADS, SIDEWALKS, FENCING, PAVING & APPROACHES TO REMAIN TO BE PROTECTED DURING CONSTRUCTION TO THE CITY OF WINNIPEG STANDARDS AT THE CONTRACTORS OWN COSTS.
- FILL ALL HOLES & LOW AREAS TO DESIGN SUB-GRADE W/ COMPACTED FILL (SUITABLE TO SURFACE FINISH). FOR PAVED AREAS USE COMPACTED GRANULAR BASE (REFER TO SPECIFICATIONS).

2	ISSUED FOR ADDENDUM #3	JKR	NOV 28, 2021
1	ISSUED FOR ADDENDUM #2	JKR	NOV 28, 2021
0	ISSUED FOR CONSTRUCTION	JKR	SEP 15, 2021
No.	REVISION/DESCRIPTION	BY	DATE

SEAL



DRAWN	JKR	CHECKED	BON	DESIGNED	BON	APPROVED	BON
DATE	2021.09.15	USER APPROVAL					

THE CITY OF WINNIPEG  
PLANNING, PROPERTY AND  
DEVELOPMENT DEPARTMENT  
MUNICIPAL ACCOMMODATIONS DIVISION  
3-65 GARRY STREET, R3C 4K4

PROJECT  
PARKS AND OPEN SPACE  
AMBER TRAILS - STORAGE BUILDING

10 ALLAN BLYE DRIVE

SHEET TITLE  
FOUNDATION PLAN & BUILDING SECTION  
SPECIFICATIONS

SCALE	PROJECT No:	SHEET No:
AS SHOWN	2020-126	S1.1-R2