



Nisichawayasihk Cree Nation

NELSON HOUSE, MANITOBA, R0B 1A0
Telephone (204) 484-2332 Fax (204) 484-2392

TENDER NOTICE

January 19, 2023.

The Nisichawayasihk Cree Nation - NNOC (Former High school) is now accepting bid quotations from qualified General and Roofing Contractors for the following Roofing Contract

Supply and Install Roofing Contract

Job # 2023-01 NCN/NNOC

Bid packages can be obtained at the NCN Trust Office by contacting Charlize Linklater at the NCN Trust Office or call (204) 484-2604 for assistance. For Contractor site access contact: Mike Cullen @ 204 679-6475

Bids will be accepted by Nora Thomas at the NCN Trust Office and must be submitted in the clearly marked envelope provided and submitted prior to the submission deadline date.

Electronic Tender packages can be downloaded from the NCN Website (ncncree.com) and submitted electronically to:

Nora Thomas – (e-mail) norathomas@ncncree.com

Submission Deadline Date: February 9, 2023 5:00 p. m.

Submissions after the Submission Deadline Date & time will not be accepted.

All or lowest bids not necessarily accepted. NCN shall have the right to disqualify Proponents from the bidding process if they have poor performance including failure to complete their obligations under any prior contract with NCN or have been involved in vexatious litigation with NCN".

Mike Cullen,

NCN Commercial Properties & Claims Manager



Nisichawayasihk Cree Nation

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Contractor Responsibilities and Liabilities

- A) Contractor responsible to review the tender package documentation and provide a complete bid package as required to ensure that your bid meets the qualifying criteria.
- B) Contractor responsible to adhere to all applicable codes, regulations and maintain a clean and safe work environment.
- C) Contractor responsible to remove all debris from work site and haul to the landfill site or area designated by the owner, in a timely manner and not allow the debris to accumulate on site or in the property.
- D) Contractor responsible for the safety of all persons permitted on the site for the duration of the contract.
- E) Contractor responsible to inform the NCN Commercial Properties and Claims Manager Mike Cullen (204) 679-6475 of any unsafe or health hazardous conditions that may arise as the work is being performed.
- F) Any additional work that may arise from this report, will be negotiated between the contractor and the Designate appointed by the Owner.
- G) All additional work or changes to the contract amount will be supported by an approved Change Order, prior to the contractor's continuance of original contract.
- H) Contractor responsible to provide all tools, safety equipment etc., required to perform the work.
- I) Contractor will be held accountable for the actions of his employees and or any person or sub-contractor that the General Contractor grants access to the NCN Personal Care Home work site for the duration of the contract.
- J) Contractor will be required to adhere to all regulations as per NCN Chief & Council and the PCH Executive Director Regitha Rajesh with respect to Covid-19 Pandemic.



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SCOPE OF WORK

- 1) Remove and dispose of shingles to local landfill site.

Supply and complete the following

- 2) Perimeter ice and water shield.
- 3) Synthetic underlayment over roof sheathing.
- 4) 24 new attic vents. (Brown)
- 5) Mystique 42 shingles. (Brown)
- 6) Install ridge venting supplied by owner.



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NCN/NNOC BID FORM

Date: _____

NCN/NNOC Supply & Install Roofing Contract

Job # 2023-01

CONTRACTOR: _____

Contact Information

Business Name: _____

Contact Person: _____

Mailing Address: _____

Telephone # _____

E-Mail: _____

Labour and materials

Total Bid Amount: \$ _____

Contractors Signature: _____

**NNOC HIGH SCHOOL TRAILERS
AT
NISICHAWAYASIIHK CREE NATION
NELSONHOUSE**

ROOF INSPECTION REPORT



April 2022

**Prepared by:
NSK Northern Engineering Ltd.**

NNOC HIGH SCHOOL TRAILERS - ROOF INSPECTION REPORT

Background:

On April 26, 2022, we traveled to Nelson house to inspect the roof of the NNOC High School Trailers.

The school was constructed of two rows of trailers with a corridor in the middle, several entrance doors were constructed on both sides. A wooden trusses roof was constructed on top of the trailer assembly, steel tie rods were installed to hold the roof trusses together. Roof ridge vent was improperly constructed, the roof vent is fallen apart and partially blown off.

The roof shingles could last for another 1-2 years, immediate repair should be completed; water damages were observed on the ceiling in several classrooms. There was no sign of mold or black stain observed on the roof trusses and sheathing.

Mike Cullen of Nisichawayasihk Cree Nation has requested NSK Northern Engineering to conduct a field inspection to evaluate the roof condition in NNOC High school.

The field inspection was conducted on April 26, 2022, at 2.00 PM; the weather was (-5 C°). The inspection was limited to the roof of the school. Mike was accompanied the inspection.

Naim Karim is a Civil/Structural Engineer registered with the Association of Professional Engineer and geoscientists of Manitoba (EGM) and has performed this visual inspection for NSK Northern engineering. The inspection was limited to the portions of the building that are accessible and visible without destructive testing or disassembling components to gain access. The structural adequacy of the building or any element of the building is not warranted or guaranteed.

Finding

Walk-on inspection was performed; the roof shingles are due and could last for another 1-2 years, several shingles have blown, and the roof sheathing is exposed. The roof ridge vent has fallen apart and partially blown off results in exposing the attic space to the outside environment. The role of thump is to provide roof ventilation based on the ratio of roof area to ventilation opening is 300:1.

In the event that the roof shingles are unable to be replaced by this summer, an immediate action should be taken to cover the exposed roof sheathing and roof ridge; roof ventilation hood needs to be installed to ensure air circulation in the attic space

The roof plumbing, roof flashing, aluminum fascia, eave soffit, eave trough, and downspout should be scheduled for replacement at the same time of the roof shingles replacement; the existing eave trough appears under size, it is recommended to installed new eave trough with cross section of 6"x6".

The insulation layer in the attic space should be inspected after the roof shingles are replaced to ensure is free of wet pocket, any wet insulation shall be removed and replaced with new insulation. The defective ceiling board shall be repaired and finish the new ceiling to match the existing.

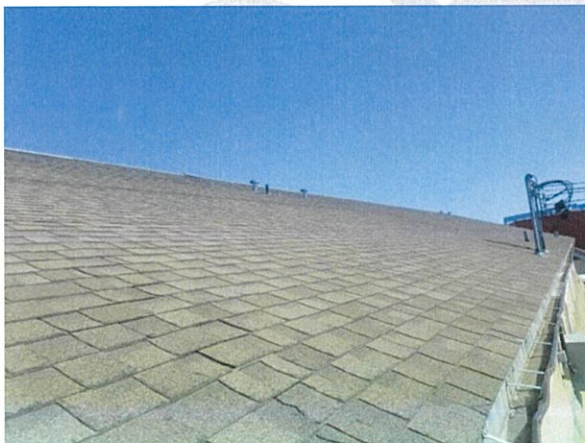
Prepared by

Naim Karim P.Eng

NNOC HIGH SCHOOL TRAILERS - ROOF INSPECTION REPORT

NSK Northern Engineering

Field Pictures



NNOC HIGH SCHOOL TRAILERS - ROOF INSPECTION REPORT



$$z - \bigcirc$$


1
21/21
MAIN LEVEL PLAN
Scale 1:8 = 2

RENOVATION NOTES

- [illegible]

MECHANICAL SCOPE OF WORK

1. THESE DIMENSIONS SHALL NOT BE EXCEEDED
2. CONTRACTOR SHALL PROVIDE MEMBERS THAT ALL SPANNING MEMBERS CORRECT FROM AN INADEQUATE WORK
3. CONTRACTOR TO INSURE AN INSURANCE TO WORK
4. CONTRACTOR TO REMOVE ALL SPANNING MEMBERS AND SPILLAGE FROM THE SITE TO ADEQUATE
5. CONTRACTOR TO REMOVE ALL SPILLAGE FROM THE SITE TO ADEQUATE
6. CONTRACTOR TO REMOVE ALL SPILLAGE FROM THE SITE TO ADEQUATE
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11. CONTRACTOR TO REMOVE ALL SPILLAGE FROM THE SITE TO ADEQUATE

GENERAL NOTES :

- GENERAL NOTES:**
1. THESE DRAWINGS SHALL NOT BE SCALED
 2. CONFLICTS SHALL SURVEY INSTRUMENTS THAT ALL DIMENSIONS, ELEVATIONS AND DETAILED MATERIAL SPECIFICATIONS SHOWN ARE CORRECT PRIOR TO COMMENCING WORK.

LIST OF DRAWINGS

12. MAIN LEVEL PLAN

Northern Sky Architecture Inc.



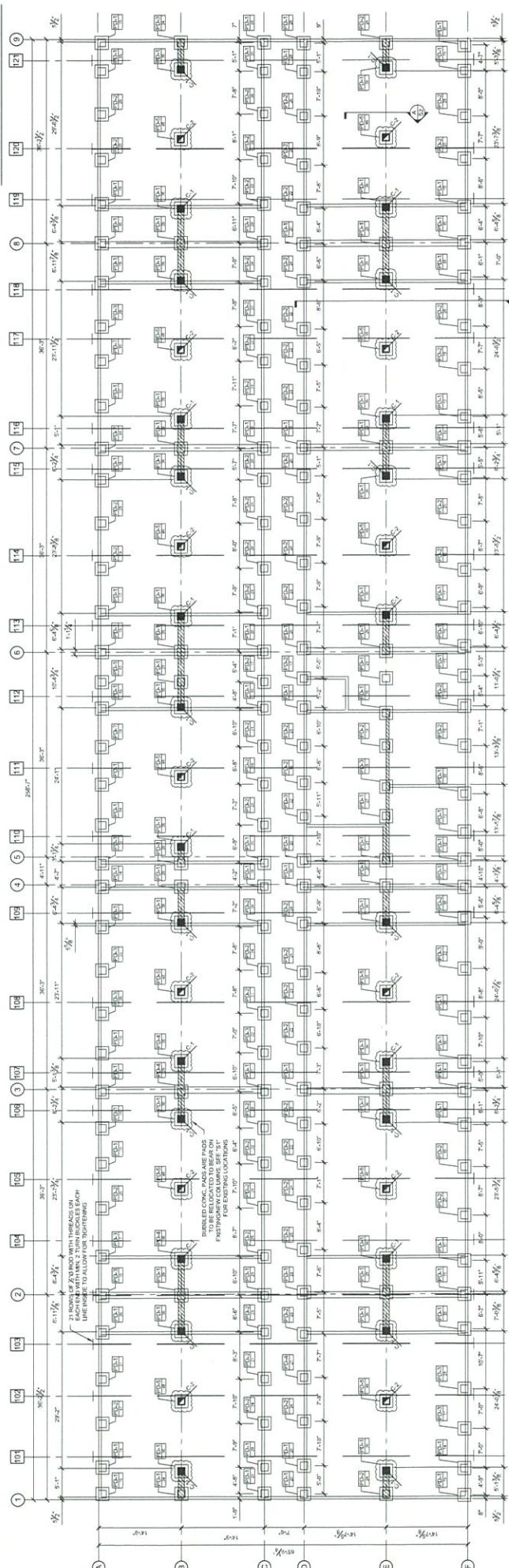
Project

NNOC Remediation

Information Systems

drawing title		MAIN LEVEL PLAN	
code	as noted	designed by	kdw
date	October 7, 2016	drawn by	kdw
project no.	15-251	reviewed by	dlg
reference no.		sheet	A2.1
			REV

ALL DIMENSIONS AND SPECIFICATIONS ARE THE PROPERTY OF THE CONSULTANT
NO REPRODUCTION SHALL BE MADE WITHOUT THE CONSENT OF THE CONSULTANT AND
ALL REPRODUCTIONS SHALL BE MADE AT THE RISK OF THE REPRODUCER.
THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, DATA AND LEVELS NOTED ON
THIS DRAWING AND SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE SAME.
NO DIMENSION SHALL BE SCALLED



MAIN FLOOR & CONC. PAD
REMEDIAL CONSTRUCTION

SCALE: $\frac{1}{4}" = 1'-0"$

EXISTING CONCRETE PAD SCHEDULE	
MARK	DESCRIPTION
FD1	EXISTING 26'x26'x11 1/2" CONC. PAD W/ 16"x16" CONC. PIER
FD2	EXISTING 26'x26'x11 1/2" CONC. PAD W/ 20"x20" TELEPOST
FD3	EXISTING 26'x26'x11 1/2" CONC. PAD W/ 16"x16" CONC. PIER
FD4	EXISTING 26'x26'x11 1/2" CONC. PAD W/ 16"x16" WOOD POST
FD5	EXISTING 26'x26'x11 1/2" CONC. PAD REPOSITIONED AT MAIN FLOOR, ENGINE PROPER CONCRETE BEARING FROM MAIN LEVEL THROUGH TO TOP OF NEW FLUSH FRAME IN CEILING SPACE THROUGH MAIN LEVEL FLUSH FRAME

COLUMN SCHEDULE	
MARK	DESCRIPTION
C-1	VERIFY THREE IN. 2x4 OR TWO IN. 2x6 SP# #2 ON BETTER SIDE NEW 2000 LBS FACTORED STEEL TELEPOST (SEE A02 FOR DETAILS) 1"x8"x5' MIN. CAP PLATES AND BASE PLATE BEARING DIRECTLY ON WOOD ONLY

TYPICAL CLASSROOM ROOF BEAM
ELECTRICAL TELEPHONE CABLES SHALL BE 1/2" DIA. CEILING BEAM TO REMAIN

The diagram shows a cross-section of a roof assembly. At the top are two horizontal lines representing ceiling beams, labeled 'C1'. Below them is a layer of insulation, indicated by diagonal hatching. The total height of this section is dimensioned as '12" ±'. Below the insulation is another layer of insulation, also indicated by diagonal hatching. The total height from the top of the first insulation layer to the bottom of the second is dimensioned as '12" ±'. Below this is a solid rectangular section representing the structural steel beam, which is dimensioned as '12" ±' in height. At the very bottom is a thin horizontal line representing the base plate or floor.

MODEL	DESCRIPTION
A & F	4'-6" x 7' MIN. CAP PLATES, 4'-4 1/2" x 7' BASE PLATES
B & E	8'00" UNCLE GLASSBORO LOCATIONS ONLY 4'-6" x 7' MIN. CAP PLATES, 4'-5 1/2" x 7' MIN. BASE PLATES
B & E	ALL OTHER POSTS 4'-6" x 7' MIN. CAP PLATES, 5'-0 1/2" x 7' MIN. BASE PLATES
C & D	5'0" x 7' MIN. CAP PLATES, 4'-4 1/2" x 7' MIN. BASE PLATES

DIMENSION NOTES:

1. THE FACE OF PIER = THE FACE OF FOUNDATION IN BOTH DIRECTIONS.
2. THE CONCRETE PADS ON GROUNDLINE "A,B," "C" AND "D & E" ARE IN LINE WITH ONE ANOTHER.
3. ALL DIMENSIONS ARE APPROXIMATE AND ARE TO BE SITE CONFIRMED BEFORE COMMENCING CONSTRUCTION.

HATCH DENOTES LOAD BEARING WALLS
W/ ULS ULTIMATE LIMIT STATES =
FACTURED LOADING = 4100 LB/SFT.
GROUPLINES B & E

HATCH DENOTES LOCATIONS OF
EXISTING COLUMNS. SEE COLUMN
SCHEDULE FOR DETAILS. (C-1)

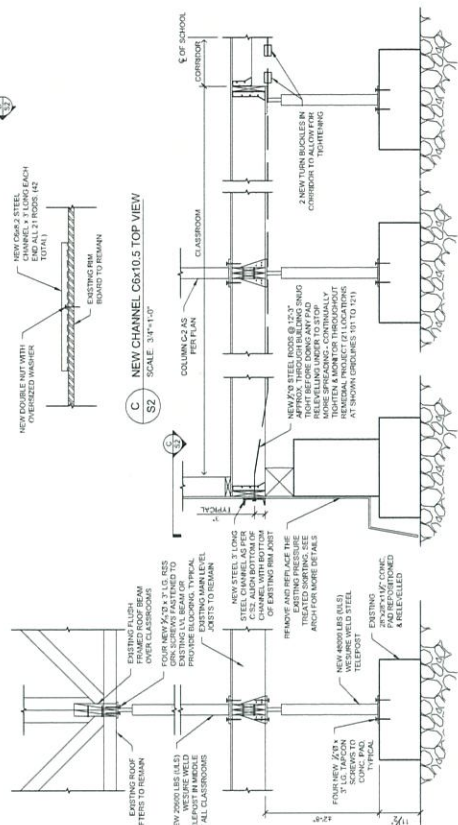
HATCH DENOTES LOCATIONS OF NEW
COLUMNS. SEE COLUMN SCHEDULE
FOR DETAILS. (C-2)

TELEPOST & BASE PLATE NOTES:

- PROVIDE A SINGLE NEW ADJUSTABLE STEEL TELEPOST AT ALL PANS DUE TO ALL TWO PANS.
- REQUIRE STEEL TELEPOSTS TO MEET THE LOADS INDICATED AT EACH PAN ON THE PLAN.
- PROVIDE NEW STEEL TELEPOSTS TO SUPPORT THE CONCRETE PANS WITH ONE STEEL TELEPOST LOCATED ON EACH PANS. PROVIDE ONE TELEPOST PER FOOT OF PANS LONG AND ONE SHOWN TO BE REQUIRED BY EACH NEW TELEPOST.
- FOR ALL PANS, NEW PANS THEMSELVES ARE TO BE INSTALLED ACROSS THE TOP OF THE EXISTING CONCRETE WITHIN A "GAP" BETWEEN THE TOP OF THE CONCRETE PANS AND THE EXISTING EDGE OF BOTH TELEPOSTS TO PROVIDE A 1/2" GAP BETWEEN THE PANS AND THE EXISTING EDGE OF BOTH TELEPOSTS TO PROVIDE FULL BARRIER AND PROVIDE AN EDGE ENTRANCE TO THE CLOSEST TELEPOST ATTACHMENT SCHEM TO PREVENT SPLITTING OF WOOD.
- USE SCHEDULE 40 "N" FOR ALL TELEPOST CAN PLATE AND BASE PLATE IN COMPLIANCE.
- CLEAN OUT THE BUILDING SURFACE ON ALL CONCRETE PANS TO PROVIDE SMOOTH HEARING ON ALL TELEPOST BARS. REPAIRS.

CONTRACTOR TO CONTACT ENGINEER TO
CONFIRM NEW TELEPOST LOCATIONS AS
IT MIGHT BE IN A POOR LOCATION BASED
ON UNSEEN SPLICES IN EXISTING REBAR

SEQUENCING NOTES



A CLASSROOM TELEPOST SECTION
S2 SCALE 3/4"=1'-0"

B CLASSROOM TO CORRIDOR SECTION
S2 SCALE 3/4"=1'-0"

Revisions	
Date	Revision
Northern Sky Architecture Inc.	



Project
Nisichawayasik Cree Nation
NNOC Remediation
Nelson House, Manitoba

drawing title		MAIN FLOOR & CONC. PAD REMEDIAL CONSTRUCTION	
scale	as noted	designed by	knh
date	September , 2016	drawn by	ja
project no.	16.261	reviewed by	knh
reference no.		sheet	S2 REV.



NO. 1153	Date: Oct. 7, 2016
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ALL DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF THE CONSULTANT AND ARE NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF THE CONSULTANT. ANY UNAUTHORIZED REPRODUCTION OR COPIING OF THESE DRAWINGS IS STRICTLY PROHIBITED AND WILL BE PROSECUTED TO THE FULL EXTENT OF THE LAW.

A. GENERAL

1. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AUTHORITIES PRIOR TO THE START OF WORK.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, INSTALLATION AND SAFETY OF ALL TEMPORARY SHORING, BRACING, FORMWORK AND SCAFFOLDING DURING WORK ON THIS PROJECT.
3. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE CANADIAN NATIONAL BUILDING CODE, THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) STANDARDS, AND THE CANADIAN ELECTRICAL CODE (CEC).
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AUTHORITIES PRIOR TO THE START OF WORK.
5. THE CONTRACTOR SHALL ENSURE ALL MATERIALS ARE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

B. WOOD

1. ALL DIMENSIONAL LUMBER SHALL BE SPECIES GROUP 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

C. STRUCTURAL STEEL

1. ALL STRUCTURAL STEEL SHALL CONFORM TO CANADIAN STANDARDS FOR STRUCTURAL STEEL (CSC).
2. ALL STEEL DETAILING AND FABRICATION INCLUDING CONNECTIONS SHALL BE IN ACCORDANCE WITH THE LATEST CSA S16.09 STANDARD.
3. ALL WELDING OF STRUCTURAL STEEL SHALL CONFORM TO CANADIAN STANDARDS FOR WELDING (CSC W47.10) PROVIDE WRITTEN PROOF OF WELDERS CERTIFICATION UPON REQUEST.
4. THE STEEL SUPPLIER SHALL BE RESPONSIBLE FOR THE DESIGN AND DETAILING OF ALL STRUCTURAL STEEL CONNECTIONS NOT INSTALLED IN ACCORDANCE WITH CSA S16.09.
5. ALL STRUCTURAL STEEL SHALL BE GALVANIZED TO PROTECT AGAINST CORROSION.
6. ALL STRUCTURAL STEEL SHALL BE GALVANIZED TO PROTECT AGAINST CORROSION.
7. ALL REQUIRED DRY PACK GROUT SHALL BE PLACED ON TOP OF THE CONCRETE.

D. SHOP DRAWINGS

1. SUBMIT FOUR COMPLETE SETS OF SHOP DRAWINGS TO ENGINEER FOR REVIEW MINIMUM THREE WEEKS PRIOR TO REQUIRED MANUFACTURE DATE.
2. ALL SHOP DRAWINGS SHALL INCLUDE ALL LOADING DETAILS, DIMENSIONS, SIZES, OPENING LOCATIONS ETC.
3. ALL SHOP DRAWINGS SHALL BE SEALED BY A PROFESSIONAL REGISTERED IN THE PROVINCE OF MANITOBA.
4. SUBMIT SHOP DRAWINGS FOR THE FOLLOWING ITEMS:
 - (1) STRUCTURAL & MISCELLANEOUS STEEL
 - (2) TELEPOSTS

MAIN FLOOR FRAMING SYSTEM SEQUENCING FOR REMEDIAL CONSTRUCTION TO BE COMPLETED

1. ALL OF THE EXISTING TRAILER WHEELS, FRAMES AND AXLES SHOULD BE REMOVED FROM THE CRAWSPACE AREA. TO ENSURE THE EXISTING TRAILER WHEELS, FRAMES AND AXLES ARE REMOVED FROM THE CRAWSPACE AREA, THE EXISTING TRAILER WHEELS, FRAMES AND AXLES SHOULD BE REMOVED FROM THE CRAWSPACE AREA. TO ENSURE THE EXISTING TRAILER WHEELS, FRAMES AND AXLES ARE REMOVED FROM THE CRAWSPACE AREA, THE EXISTING TRAILER WHEELS, FRAMES AND AXLES SHOULD BE REMOVED FROM THE CRAWSPACE AREA.
2. BEFORE THE TRAILERS ARE REMOVED, CARE SHOULD BE TAKEN TO ENSURE THAT TEMPORARY POSTS ARE INSTALLED AS REQUIRED TO SUPPORT THE TRAILER WHEELS, FRAMES AND AXLES. THE TRAILER WHEELS, FRAMES AND AXLES SHOULD BE REMOVED FROM THE CRAWSPACE AREA. TO ENSURE THE EXISTING TRAILER WHEELS, FRAMES AND AXLES ARE REMOVED FROM THE CRAWSPACE AREA, THE EXISTING TRAILER WHEELS, FRAMES AND AXLES SHOULD BE REMOVED FROM THE CRAWSPACE AREA.
3. THE REMOVAL OF THE TRAILER WHEELS, FRAMES AND AXLES SHOULD BE COMPLETED PRIOR TO THE START OF THE MAIN FLOOR FRAMING SYSTEM SEQUENCING.
4. THE MAIN FLOOR FRAMING SYSTEM SEQUENCING SHOULD BE COMPLETED PRIOR TO THE START OF THE MAIN FLOOR FRAMING SYSTEM SEQUENCING.
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EXISTING ROOF FRAMING SYSTEM SEQUENCING FOR REMEDIAL CONSTRUCTION TO BE COMPLETED

1. PROVIDE REGULAR DAILY REVIEW OF THE CONDITION OF THE EXISTING ROOF TRUSSES IN THE ENTIRE SCHOOL.
2. PROVIDE EMERGENCY BRACING AS REQUIRED TO ENSURE THAT NO PORTION OF THE ROOF COLLAPSES PRIOR TO THE REMEDIAL CONSTRUCTION BEING COMPLETED.
3. INITIATE THE PERMANENT REMEDIAL WORK STARTING FROM THE EAST END OF THE ROOF FRAMING SYSTEM.
4. PROVIDE CROSS BRACING AND LATERAL BRACING AS SPECIFIED IN THE CONSTRUCTION DRAWINGS INCLUDING THE VERTICAL REINFORCING OF THE FIRST ROOF TRUSSES STARTING FROM THE EAST END OF THE BUILDING.
5. PROVIDE THE REQUIRED LATERAL SUPPORT FOR THE EAST END OF THE BUILDING AS SPECIFIED TO PROVIDE THE REQUIRED LATERAL SUPPORT FOR THE EAST END OF THE BUILDING.
6. FOLLOWING THE EAST GABLE END STRUCTURAL UPGRADE, THE EXISTING EXTERIOR BUILDING TYER AND SIDING SHOULD BE PROPERLY REINFORCED TO PROVIDE A PROPER WEATHER PROOF ENCLOSURE.
7. ONCE THE EAST END OF THE BUILDING IS SECURE AND LATERALLY BRACED IN PLACE, THE REMAINING OF THE ROOF TRUSSES SHALL BE LEVELLED OFF AND SOLID BASE EXTENDING TRUSSES UP TO THE WEST END.
8. ALL ROOF TRUSSES SHOULD BE REMOVED FROM THE EAST END OF THE BUILDING PRIOR TO THE START OF THE REMEDIAL CONSTRUCTION.
9. THE EXISTING 24 PINS SPACED 24" ON CENTRE BETWEEN THE 2 MAIN ROOF TRUSSES IN THE FIRST MODULE SHOULD BE REMOVED FROM THE EAST END OF THE BUILDING PRIOR TO THE START OF THE REMEDIAL CONSTRUCTION.
10. THE EXISTING 24 PINS SPACED 24" ON CENTRE BETWEEN THE 2 MAIN ROOF TRUSSES IN THE FIRST MODULE SHOULD BE REMOVED FROM THE EAST END OF THE BUILDING PRIOR TO THE START OF THE REMEDIAL CONSTRUCTION.
11. THE ROOF TRUSSES REMOVED AND PERMANENT BRACING TECHNIQUE IS TO BE REPEATED IN 10 TRUSS INTERVALS THROUGHOUT THE REMAINING ROOF FRAMING SYSTEM UP TO THE WEST EXTERIOR WALL.
12. THE WEST GABLE END SHOULD HAVE NEW CONTINUOUS STUDS INSTALLED WITH THE EXTERIOR TYER AND SIDING PROTECTED AS REQUIRED SIMILAR TO THE EAST END TO PROVIDE A SECURE WEATHER PROOF ENCLOSURE.
13. THE DRYWALL IN THE ATTIC PRESTOPS IS THEN TO BE REINSTALLED AS NEEDED AT ALL ATTIC PRESTOP LOCATIONS.
14. ACCESS DOORS SHOULD BE INSTALLED IN ALL ATTIC PRESTOPS COMPLETE WITH SPRING LOADED HINGES AND LOCKS.
15. THE EXISTING 24 PINS SPACED 24" ON CENTRE BETWEEN THE 2 MAIN ROOF TRUSSES IN THE FIRST MODULE SHOULD BE REMOVED FROM THE EAST END OF THE BUILDING PRIOR TO THE START OF THE REMEDIAL CONSTRUCTION.
16. THE EXISTING 24 PINS SPACED 24" ON CENTRE BETWEEN THE 2 MAIN ROOF TRUSSES IN THE FIRST MODULE SHOULD BE REMOVED FROM THE EAST END OF THE BUILDING PRIOR TO THE START OF THE REMEDIAL CONSTRUCTION.
17. THE REMOVAL IN THE ATTIC SHOULD BE TOUCHED UP AS REQUIRED TO ENSURE IT IS IN A UNIFORM THICKNESS. AFTER THE ROOF TRUSSES REMOVAL, ROOF IS DONE.

Remarks

Date

Location

Northern Sky Architecture Inc.



Stamp



Project

Nicknonyapha Cree Nation
NNOC Remediation
Neelon House, Manitoba

Drawing Date

NOTES

scale on noted designed by ksh

date September 2016 drawn by jr

project no. 16-351 prepared by ksh

reference no. sheet S4 REV



PNM Specialty & Associates Ltd.

11000 Date Oct. 7, 2016