GENERAL NOTES:

1. THIS BUILDING HAS BEEN DESIGNED AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF PART 3 OF THE NATIONAL BUILDING CODE OF CANADA–2010 AND THE MANITOBA BUILDING CODE AMMENDMENTS–2011.
2. ALL SPECIFICATIONS AND CODES SPECIFIED SHALL BE THE LATEST REVISION AVAILABLE.
3. SITE VERIFY ALL DIMENSIONS, ELEVATIONS, DETAILS, QUANTITIES AND CONDITIONS PRIOR TO START OF ANY DEMOLITION, CONSTRUCTION OR PREFABRICATION OF ANY BUILDING COMPONENT.
4. EXISTING STRUCTURAL SUPPORTS WHICH INTERFERE WITH NEW WORK SHALL BE RELOCATED UPON APPROVAL BY THE CONTRACT ADMINISTRATOR.
5. THE CONTRACTOR SHALL ENSURE THAT ALL BURIED SERVICES ARE LOCATED AND MARKED PRIOR TO EXCAVATION.
6. ALL BUILDING SYSTEMS COMPONENTS SHALL BE THE PRODUCTS OF A SINGLE MANUFACTURER UNLESS SPECIFIED OTHERWISE.
7. SHIP, STORE, HANDLE, ERECT, INSTALL, ETC. ALL BUILDING MATERIALS, COMPONENTS, FIXTURES, EQUIPMENT, ETC. AS PER MANUFACTURER'S WRITTEN INSTRUCTIONS.
8. ALL DEMOLITION, FABRICATION, CONSTRUCTION, ETC. SHALL BE CARRIED OUT IN ACCORDANCE WITH ALL PERTINENT BUILDING CODES, AND LOCAL BYLAWS AND ORDINANCES.
9. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ADEQUATE PROTECTION FOR THE EXISTING FACILITY/PROPERTY TO PREVENT PHYSICAL DAMAGE AND LOSS OF VALUE OR USE OF ANY KIND, AS A RESULT OF DEMOLITION, CONSTRUCTION AND RELATED ACTIVITIES.
10. TIME AND DURATION OF ANY NECESSARY DISRUPTION IN THE USE OF ANY ROOM, SPACE, SERVICE, EQUIPMENT, ETC. SHALL BE COORDINATED WITH, AND APPROVED BY THE CONTRACT ADMINISTRATOR AT THE START OF THE PROJECT. PROVIDE CONTRACT ADMINISTRATOR WITH MINIMUM ONE WEEK NOTICE (OR AS REQUIRED) PRIOR TO EACH ACTUAL OCCURRENCE.
11. THE CONTRACTOR SHALL BE RESPONSIBLE TO NOTIFY THE CONTRACT ADMINISTRATOR OF ANY PREVIOUSLY UNNOTICED PRE–EXISTING FLAW OR CONDITION THAT MIGHT INCREASE THE SCOPE OF WORK OR COMPROMISE NEW CONSTRUCTION, PRIOR TO THE START OF DEMOLITION AND CONSTRUCTION, OR AS SOON AS IT IS DISCOVERED.
12. DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE PROJECT TECHNICAL SPECIFICATIONS.

DEMOLITION:

1. ALL DEMOLITION WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF ALL PERTINENT BUILDING CODES, THE MANITOBA DEPARTMENT OF LABOUR, AND ANY OTHER PROVINCIAL AND LOCAL BY–LAWS, REGULATIONS AND ORDINANCES.
2. DEMOLITION SHALL INCLUDE THE SAFE REMOVAL, HAULING AND DUMPING OF ALL DEBRIS, ETC. TO AN APPROVED SITE. ALL COSTS ASSOCIATED WITH THIS OPERATION, INCLUDING TRANSPORT, LICENSES AND FEES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
3. COORDINATE THE MOVING AND STORAGE OF SALVAGED ITEMS, MATERIALS, EQUIPMENT, ETC. WITH THE CONTRACT ADMINISTRATOR.

ROOF SYSTEM: TRADITION 100–4 ON SOLID SUBSTRATE (VICWEST):

1. SOLID SUBSTRATE TO BE PLYWOOD OR OTHER SUITABLE SOLID SURFACE.
2. WORK FURNISHED AND INCLUDED: UNDERLAYMENT, ROOF PANEL CLIP SYSTEM, ROOF PANEL, ACCESSORIES INCLUDING ASSOCIATED FLASHINGS, CLOSURES, AND SEALANTS.
3. UNDERLAYMENT: MEMBRANE SHALL BE LASTOBOND SHIELD BY SOPREMA, ICE AND WATER SHIELD BY W.R. GRACE, OR APPROVED EQUAL.
4. CLIP SYSTEM: THERMALLY RESPONSIVE CLIPS TO BE FABRICATED FROM A MINIMUM OF 0.91mm (0.036") STEEL, WITH MINIMUM Z–275 GALVANIZED COATING DESIGNED TO ACCOMMODATE EXPANSION AND CONTRACTION OF THE ROOF SHEET. ROOF FASTENERS, AS SPECIFIED BY MANUFACTURER, TO RESIST WIND UPLIFT AND SLIDING SNOW FORCES.
5. PRE–FINISHED ROOF SHEET, EXPOSED TO EXTERIOR: PROFILE: TRADITION 100–4, WITH I–STYLE RIBS AT 400mm SPACING. PANEL: Z–275 GALVANIZED (ZINC COATED) SHEET STEEL CONFORMING TO ASTM A653M STRUCTURAL QUALITY GRADE 230 HAVING A NOMINAL CORE THICKNESS 0.76mm (0.030").
6. SNAP CAP: PROVIDE 25mm HIGH SNAP CAPS FOR FULL LENGTH OF THE ROOF PANEL AND RETAINED BY PANEL CLIPS, FABRICATED FROM Z–275 GALVANIZED (ZINC COATED) SHEET STEEL CONFORMING TO ASTM A653M STRUCTURAL QUALITY GRADE 230 HAVING A MINIMUM NOMINAL CORE THICKNESS 0.61mm (0.024"). FINISH AND COLOUR TO MATCH ROOF SHEET.
7. PANEL FINISHES: COATING PRE–PAINTED WITH WEATHERX ON INTERIOR FACE, PRE–PAINTED WITH 10,000 SERIES ON INTERIOR FACE, PRE–PAINTED WITH BARRIER SERIES
8. COLOUR TO BE SELECTED FROM STANDARD COLOUR PALLET. FINAL COLOUR SELECTION BY OWNER.
9. FOLLOW ALL INSTALLATION INSTRUCTIONS FROM MANUFACTURER.
10. INSTALL UNDERLAYMENT FULLY ADHERED TO SOLID SUBSTRATE ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. ENSURE ALL JOINTS ARE PROPERLY LAPPED AND SEALED. TIE IN WITH BARRIERS ON ADJACENT SURFACES TO ENSURE AIRTIGHT CONSTRUCTION. PROVIDE A CONTINUOUS SEAL AROUND ALL OPENINGS IN THE INSULATED METAL ROOF SYSTEM.
11. ATTACH TRADITION CLIPS USING FASTENERS AS RECOMMENDED BY THE MANUFACTURER, TO SUIT THE SUBSTRATE.
12. ROOF PANEL INSTALLATION: INSTALL EXTERIOR PRE–FINISHED ROOF PANELS ON PANEL SUPPORT CLIPS, USING MANUFACTURER'S PROPER CONSTRUCTION PROCEDURE. ENSURE METAL ROOFING SHEET SIDE–LAP IS POSITIVELY RETAINED BY CLIPS, AND PROPER SHEET COVERAGE IS MAINTAINED.
13. INSTALL THE SNAP–CAP AT ALL SIDE LAPS AS SHOWN ON THE APPROVED SHOP DRAWINGS. MITRE SNAP–CAP AS REQUIRED TO RESIST WATER ENTRY.
14. WHERE INDICATED ON APPROVED SHOP DRAWINGS, SECURE THE END–LAP OF METAL ROOFING SHEETS IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS AND DETAILS TO PROVIDE A WEATHER–TIGHT SEAL. EXPOSED FASTENERS TO MATCH COLOUR OF THE ROOF SHEET.
15. PROVIDE NOTCHED AND FORMED CLOSURES, SEALED AGAINST WEATHER PENETRATION, AT CHANGES IN PITCH, AND AT RIDGES AND EAVES, WHERE REQUIRED.
16. INSTALL ALL COMPANION FLASHING (GUTTERS, VENTILATORS) AS SHOWN ON THE SHOP DRAWINGS. USE CONCEALED FASTENERS WHEN POSSIBLE. EXPOSED FASTENERS TO MATCH COLOUR OF ROOF SHEET.
17. ROOF SYSTEM SUPPLIER SHALL SUBMIT SHOP DRAWINGS BEARING THE SEAL OF A PROFESSIONAL ENGINEER REGISTERED IN THE PROVINCE OF MANITOBA TO THE DESIGN ENGINEER FOR APPROVAL PRIOR TO FABRICATION OF ANY COMPONENTS. SHOP DRAWINGS SHALL SHOW AND LIST ALL MATERIALS, COMPONENTS, INTERFACES, ASSEMBLIES, CONNECTIONS, EXPANSION JOINTS, FLASHINGS, FASTENERS, CLOSURES, SEALANTS, SIZES, SHAPES, LENGTHS, SPACINGS, ETC.

EAVESTROUGHS & DOWNSPOUTS:

1. PROVIDE EAVESTROUGHS WITH DOWNSPOUTS AT ALL EAVES AS INDICATED ON DRAWINGS. EAVESTROUGHS AND DOWNSPOUTS TO BE MANUFACTURED FROM AA3000 SERIES ALUMINUM ALLOY AND MEET CAN4–S114–M80(R1997). TOPSIDE OF PRETREATED ALUMINUM TO BE COATED WITH A THERMOSET POLYESTER POLYMER. COLOUR TO BE SELECTED FROM STANDARD COLOUR PALLET BY OWNER.
2. EAVESTROUGHS TO BE 127mm (5") X HEAVY DUTY 0.79mm (0.032") MINIMUM THICKNESS AND SHALL BE CONTINUOUS (NO JOINTS).
3. INSTALL EAVESTROUGHS WITH MAXIMUM CONTINUOUS RUN OF 15m (50'). INSTALL END CAPS AT ALL TERMINATIONS, SEALED WITH CONCEALED EXTERIOR GRADE WATERPROOF SILICONE SEALANT, COLOUR TO MATCH FINISH. B–DROP CONNECTOR TO BE INSTALLED FROM THE TOP INTO A BEAD OF SILICONE AND SECURED WITH 4 STRUCTURAL GRADE ALUMINUM OR STAINLESS STEEL SCREWS. SLOPE EAVESTROUGH TO DOWNSPOUTS WITH MINIMUM GRADE OF 1:250.
4. ANCHOR EAVESTROUGHS USING GUTTER CLIPS AT 600mm (24") O/C SCREWED INTO FASCIA. NAILS AND FERRULES WILL NOT BE ACCEPTED.
5. CLOSED DOWNSPOUTS TO BE 51mm (2") X 76mm (3") X 0.56mm (0.022") MINIMUM THICKNESS.
6. SECURE DOWNSPOUTS TO EAVESTROUGH B–DROP CONNECTOR USING 2 SCREWS. SECURE DOWNSPOUTS THROUGH EXTERIOR WALLS INTO SOLID FRAMING WITH SHEET METAL STRAPS AT A MAXIMUM SPACING OF 1800mm (6FT). PROVIDE [ELBOW AT END OF DOWNSPOUT TO DIRECT WATER TO CONCRETE SPLASHPAD. ALL DOWNSPOUT LAPS TO PROVIDE A WEATHERPROOF SEAL.
7. STORE, HANDLE AND INSTALL ALL MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. INSTALL ONLY OVER SOUND STRUCTURAL BACKING.

FASCIA & SOFFIT:

1. PROVIDE FASCIA AND SOFFIT AS INDICATED ON DRAWINGS. COLOUR TO MATCH ROOFING AND WILL BE SELECTED BY OWNER.
2. FASCIA TO BE 28ga. STEEL, PRE–FINISHED TO MATCH ROOFING. ACCEPTABLE PRODUCT: STEEL FASCIA P.P. AS MANUFACTURED BY DOMTEK OR APPROVED EQUAL.
3. SOFFITS TO BE 28ga. STEEL, PRE–FINISHED, VENTED PANELS. ACCEPTABLE PRODUCT: PRO–RIB METAL SOFFIT AS MANUFACTURED BY DOMTEK OR APPROVED EQUAL.
4. INSTALL FASCIA AND VENTED SOFFIT INCLUDING ALL NECESSARY TRIM PIECES.
5. FASCIA TO BE INSTALLED ON WOOD FASCIA BOARD AND UNDER ROOF EDGE TRIM. FASTEN FASCIA WITH SCREWS WITHIN 150mm OF PANEL ENDS AND AT 900mm ON CENTRE MAXIMUM. SCREWS TO BE DRIVEN THROUGH BOTTOM LIP OF STEEL FASCIA INTO BOTTOM EDGE OF WOOD FASCIA.
6. SOFFIT TO BE SECURED WITH SCREWS, INSTALLED IN INTERLOCKING JOINT AND CENTRE RIB AND SCREWED INTO WOOD FASCIA. ALL MOLDINGS AND TRIMS TO BE FASTENED USING SCREWS AT 400mm MAXIMUM.
7. STORE, HANDLE AND INSTALL ALL MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. INSTALL ONLY OVER SOUND STRUCTURAL BACKING.

PRECAST CONCRETE SPLASH PADS:

1. PRECAST CONCRETE SPLASH PADS TO BE INSTALLED AT THE BASE OF EACH RAIN WATER LEADER. SPLASH PADS TO BE INSTALLED ON FIRM GRADE, SLOPED AWAY FROM THE BUILDING.
2. ACCEPTABLE PRODUCT: PRECAST CONCRETE SPLASH PAD AS MANUFACTURED BY BARKMAN CONCRETE. SIZE: 760mm SPLASH PAD – 760x300x75

SNOW GUARDS:

1. SNOW GUARD SYSTEM SHALL CONSIST OF PRE–FINISHED METAL RAIL AND BARRICADE PLATES ATTACHED TO THE TOP OF THE STANDING SEAM ROOF WITH NON–PENETRATING CLIPS. APPROVED PRODUCT: SNOW BARRICADE CLAMP ON SYSTEM BY SNOW GEM OR APPROVED EQUAL.
2. ALL SNOW GUARD COMPONENTS TO BE 6061 T6 ALUMINUM.
3. FINISH TO BE PRE–FINISHED COATING TO MATCH ROOF PANEL COLOR.
4. CLIPS TO BE NON–PENETRATING STANDING SEAM CLIPS SUITABLE FOR USE WITH STANDING SEAM ROOF PANELS.
5. SIZE, CONFIGURATION AND LAYOUT OF THE SNOW GUARD SYSTEM TO BE COMPLETED BY THE MANUFACTURER.
6. SNOW GUARD SYSTEM TO BE DESIGNED TO RESIST THE LOAD OF SLIDING SNOW BASED ON THE SNOW LOADING AND SNOW DRIFT LOADING INDICATED ON THE DRAWINGS.
7. THE SNOW GUARD SYSTEM SUPPLIER SHALL SUBMIT SHOP DRAWINGS BEARING THE SEAL OF A PROFESSIONAL ENGINEER REGISTERED IN THE PROVINCE OF MANITOBA TO THE DESIGN ENGINEER FOR APPROVAL PRIOR TO FABRICATION OF ANY COMPONENTS. SHOP DRAWINGS SHALL SHOW AND LIST ALL MATERIALS, COMPONENTS, LAYOUT, EXPANSION JOINTS, CONNECTIONS, FASTENERS ETC.

BLOWN–IN ATTIC INSULATION:

1. BLOWN–IN ATTIC INSULATION TO BE TYPE 5, BLOWING WOOL, SUITABLE FOR APPLICATION BY MEANS OF PNEUMATIC EQUIPMENT.
2. PROVIDE THICKNESS OF INSULATION TO MEET MINIMUM R–VALUE DETAILED ON DRAWINGS. ENSURE ENTIRE CEILING AREA EXPOSED TO EXTERIOR AIR IS INSULATED. ENSURE UNOBSTRUCTED AIR CIRCULATION TO EAVE VENTS.
3. INSTALL BAFFLES AS INDICATED TO PREVENT INSULATION FROM SPILLING OVER TOP OF EXTERIOR WALL.
4. INSTALL MEASURING LABELS ON TRUSSES AT 1200mm O/C TO ENSURE INSULATION IS INSTALLED EVENLY ACROSS CEILING.
5. ACCEPTABLE PRODUCTS: PROPINK FIBERGLAS BLOWN INSULATION AS MANUFACTURED BY OWENS CORNING OR CLIMATE PRO AS MANUFACTURED BY JOHNS MANVILLE.
6. INSTALL ALL INSULATION AS PER MANUFACTURER'S WRITTEN SPECIFICATIONS.

POLY VAPOUR BARRIER:

1. VAPOUR BARRIER ON CEILING SHALL CONSIST OF 6 MIL POLYETHYLENE SHEET IN CEILING, AND BELOW CONCRETE FLOOR SLAB. BARRIER SHALL ALSO INCLUDE ALL OTHER TRANSITION MATERIALS AND CLOSURES AS NOTED/DETAILED.
2. POLYETHYLENE TO BE 6 MIL THICK VIRGIN MATERIAL IN ACCORDANCE WITH CAN/CGSB–51.34–M86.
3. PROVIDE SPECIALLY MOLDED POLYETHYLENE PANS AT ELECTRICAL BOXES, LAP AND SEAL. MINIMIZE LAPS BY USING MAXIMUM AVAILABLE SHEET SIZE. ALL LAPS TO BE 300mm MINIMUM AND SEALED WITH ACOUSTICAL SEALANT.
4. PROVIDE STRUCTURAL BACKING ALONG ALL LAPS BY FULLY CLAMPING BETWEEN CEILING FINISH AND FRAMING. SEAL ALONG ROOF STRUCTURE AS DETAILED. PROVIDE FULLY SEALED ELASTOMERIC COLLARS AROUND ALL MECHANICAL/ELECTRICAL PENETRATIONS.

BUILDING CODE ANALYSIS:

BUILDING CLASSIFICATION (NBC 2010)

GOVERNING CLASSIFICATION: F3 (LOW–HAZARD INDUSTRIAL)
NBC ARTICLE NO.: 3.2.2.83
– 1 STOREYS MAX.
– 1600 SQ.M. MAX. AREA (1 STREET)
– COMBUSTIBLE/NON–COMBUSTIBLE PERMITTED

BUILDING AREA:	23 sq.m.
NUMBER OF STOREYS:	1 STOREYS
NUMBER OF STREETS BLDG. FACES:	1 STREETS
BASEMENT:	NO (LOWER LEVELS MAINTENANCE SPACES)
SPRINKLERED:	NO
CONSTRUCTION:	COMBUSTIBLE/NON–COMBUSTIBLE
TRAVEL DISTANCE:	30m. MAX.
EMERGENCY LIGHTING REQ'D:	YES
FIRE EXTINGUISHERS REQ'D:	YES
BARRIER–FREE ACCESSIBLE:	NO (UNOCCUPIED BUILDING)

OCCUPANT LOAD: THEORETICAL (BASED ON AREA)
EMPLOYEES 1 PERSON

HEALTH REQUIREMENTS: WATER CLOSETS
NO WATER CLOSETS (UNOCCUPIED BUILDING)

SPATIAL SEPARATION:

NORTH WALL

ACTUAL LIMITING DISTANCE:	5.7 m
WALL AREA:	20.2 sq.m.
L/H RATIO:	2.0
UNPROTECTED OPEN'G LIMIT	65%
THEORETICAL LIMITING DISTANCE:	4.5 m
REQUIRED FIRE RATING:	3/4 HR.
WALL CONSTRUCTION REQ'D:	COMB./NON–COMB.
CLADDING CONSTRUCTION REQ'D:	COMB./NON–COMB.

SOUTH WALL

ACTUAL LIMITING DISTANCE:	28 m
WALL AREA:	20.2 sq.m.
L/H RATIO:	2.0
UNPROTECTED OPEN'G LIMIT:	100%
THEORETICAL LIMITING DISTANCE:	6 m
REQUIRED FIRE RATING:	0 HR.
WALL CONSTRUCTION REQ'D:	COMB./NON–COMB.
CLADDING CONSTRUCTION REQ'D:	COMB./NON–COMB.

EAST WALL

ACTUAL LIMITING DISTANCE:	1.2 m
WALL AREA:	11.7 sq.m.
L/H RATIO:	1.1
UNPROTECTED OPEN'G LIMIT:	7%
REQUIRED FIRE RATING:	1 HR.
WALL CONSTRUCTION REQ'D:	NON–COMB.
CLADDING CONSTRUCTION REQ'D:	NON–COMB.

WEST WALL

ACTUAL LIMITING DISTANCE:	62 m
WALL AREA:	11.7 sq.m.
L/H RATIO:	1.1
UNPROTECTED OPEN'G LIMIT:	100%
THEORETICAL LIMITING DISTANCE:	5 m
REQUIRED FIRE RATING:	0 HR.
WALL CONSTRUCTION REQ'D:	COMB./NON–COMB.
CLADDING CONSTRUCTION REQ'D:	COMB./NON–COMB.

ENERGY CODE ANALYSIS:

THE SUPERSTRUCTURE IS NEW AND WILL COMPLY WITH THE ENERGY CODE REQUIREMENTS. THE SUBSTRUCTURE IS EXISTING AND THEREFORE IS NOT REQUIRED TO COMPLY WITH ENERGY CODE REQUIREMENTS.

NECB 2011, MECB 2013

BUILDING ENVELOPE	PART 3
METHOD OF COMPLIANCE	SIMPLE TRADE–OFF PATH
HEATING DEGREE–DAYS (WINNIPEG)	5670
ZONE	7A
ALLOWABLE FENESTRATION & DOOR AREA	0.29
ACTUAL FENESTRATION & DOOR AREA	0.05

ABOVE–GROUND COMPONENTS OF BUILDING ENVELOPE (SIMPLE TRADE–OFF PATH)

WALLS REQUIRED	0.67 W/(S.M.*K), (R–8.5)
WALLS PROVIDED	0.57 W/(S.M.*K), (R–10)
ROOF REQUIRED	0.25 W/(S.M.*K), (R–22.4)
ROOF PROVIDED	0.23 W/(S.M.*K), (R–25)

ASSEMBLIES IN CONTACT WITH THE GROUND

FLOORS REQUIRED	0.757 W/(S.M.*K) FOR 1.2m, (R–7.5)
FLOORS PROVIDED	0.757 W/(S.M.*K) FOR 1.2m, (R–7.5)

NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE
10		
9		
8		
7		
6		
5		
4		
3		
2		
1		

REFERENCE DRAWINGS

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
KGS Group
No. 245

B.M.
ELEV.

NO.	REVISIONS	DATE (YY/MM/DD)	BY
0	ISSUED FOR CONSTRUCTION	2023 03 23	CMS

KGS GROUP

DESIGNED BY S. SUCHKOV
CHECKED BY CMS
DRAWN BY S. HILDEBRAND
APPROVED BY CMS
SCALE: HORIZONTAL AS SHOWN
VERTICAL
RELEASED FOR CONSTRUCTION
DATE 2023 03 23
DATE

ENGINEER'S SEAL
PROVINCE OF MANITOBA
S. SUCHKOV
Member 34686
REGISTERED PROFESSIONAL ENGINEER
2023-03-23

CONSULTANT DRAWING NUMBER
22–0107–004_B01

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

METCALFE LIFT PUMPING STATION
2022 UPGRADES
BUILDING
NOTES

CITY DRAWING NUMBER 1-0162L-B0001-001
SHEET 98 OF 109

PLOT DATE: 2023 03 23
BID OPPORTUNITY: 864-2022
FILE PATH: \\k-file-4\p-data\Projects\2022\22-0107-004\Dwg\Struct\