Date: June 12, 2020

Addendum No: 002

Project Number: R.105793.008

The following changes in the tender documents are effective immediately. This addendum will form part of the contract documents.

Drawings

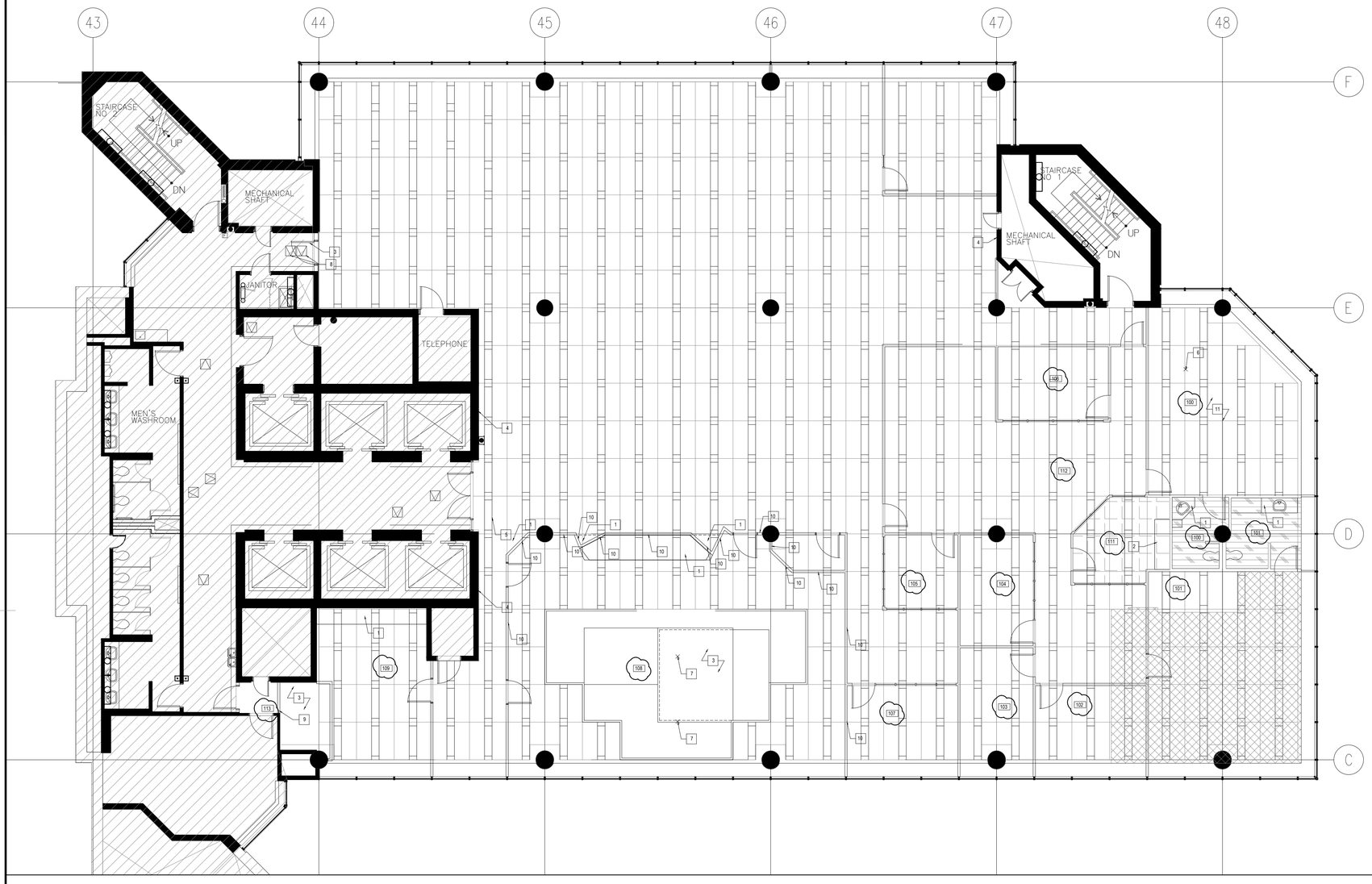
1. ID Interior Design
    1. Delete sheet ID-01, add sheet ID-01.
    2. Page ID-02:
        1. Add general note #36 to read: “THE FLOOR BELOW THIS LEVEL IS FULLY OCCUPIED AND HAS T-BAR CEILING THROUGHOUT. THE SLAB TO SLAB HEIGHT IS SIMILAR TO THIS FLOOR. ACCESS TO FLOOR BELOW MUST BE AFTER WORK HOURS, AND SPACE MUST BE CLEANED AND TURNED OVER TO THE OCCUPANT FOR WORK HOURS.”
        2. Add sketch ID-02-SK1.
    3. Page ID-03: Delete general note #12, add general note #12 to read: “REPLACE ANY MISSING OR DAMAGED CEILING T-BAR COMPONENTS OR CEILING TILES. LEAVE THE CEILING IN A “LIKE NEW” CONDITION TO APPROVAL OF CONSULTANT. **ASSUME 20% OF TOTAL AREA IS REQUIRED.”**
    4. Page ID-04: Remove FLOOR FINISHES LEGEND, add FLOOR FINISHES LEGEND from sketch ID-04-SK1 attached.
    5. Page ID-08, detail 19: Remove note “19 mm SOLID FIRE RATED WOOD SUBSTRATE WITH SLATTED WOOD SECTIONS ATOP AT 19 mm. ATTACH WITH FASTENERS AND GLUE IN SECTIONS. REFER TO IMAGE FOR DESIGN INTENT. FINISH TO BE LIGHT OAK. PROVIDE SAMPLE FOR DESIGNER APPROVAL.”, add note “19 mm SOLID WOOD SUBSTRATE WITH SLATTED WOOD SECTIONS ATOP AT 19 mm. ATTACH WITH FASTENERS AND GLUE IN SECTIONS. REFER TO IMAGE FOR DESIGN INTENT. FINISH TO BE LIGHT OAK. PROVIDE SAMPLE FOR DESIGNER APPROVAL.”

2. E - Electrical
    1. E6 Electrical Above Ceiling Communications New Work
        1. Delete drawing E6, add drawing E6/R1.

Specifications

1. Section 09 72 16 – Vinyl-Coated Fabric Wall Coverings
    1. Delete item 1.1 RELATED REQUIREMENTS in its entirety.
2. Section 10 22 13 – Wire Mesh Partitions
    1. Delete item 2.1.1, add item 2.1.1 to read “Partition mesh:”
3. Section 26 05 05 – Selective Demolition for Electrical
    1. Delete item 1.2 – RELATED REQUIREMENTS in its entirety.

End of Instructions



DEMOLITION NOTES

1. BUILDING WILL REMAIN OCCUPIED AND IN USE FOR DURATION OF WORK. MAINTAIN FREE AND SAFE PASSAGE IN PUBLIC AREAS FOR BUILDING OCCUPANTS AT ALL TIMES.
2. CARRY OUT DEMOLITION WORK IN A MANNER TO CAUSE AS LITTLE INCONVENIENCE TO THE CLIENT AND ADJACENT OCCUPIED AREAS AS POSSIBLE.
3. ERECT AND MAINTAIN DUST PROOF PARTITIONS AS REQUIRED TO PREVENT THE SPREAD OF DUST, FUMES AND SMOKE TO OTHER PARTS OF THE BUILDING.UPON COMPLETION, REMOVE PARTITIONS AND MAKE GOOD DAMAGED SURFACES TO MATCH ADJACENT SURFACES.
4. CEASE OPERATIONS AND NOTIFY CONSULTANT IMMEDIATELY IF ANY ASBESTOS, POLYCHLORINATED BIPHIENYL (PCB), OR MOULD IS ENCOUNTERED OR SUSPECTED ON SITE.
5. CONTRACT DOCUMENTS WILL NOT DEFINE PRODUCTS OR STANDARDS OF WORKMANSHIP PRESENT IN EXISTING CONSTRUCTION. CONTRACTOR SHALL DETERMINE PRODUCTS BY INSPECTION AND ANY NECESSARY TESTING AND WORKMANSHIP BY USE OF EXISTING AS A SAMPLE OF COMPARISON.
6. REMOVE, STORE AND PROTECT, FOR REINSTALLATION THOSE MATERIALS AND EQUIPMENT AS REQUIRED TO COMPLETE DEMOLITION.
7. REMOVE AND DELIVER TO DEPARTMENTAL REPRESENTATIVE THE FOLLOWING:
   - TENANT SIGNAGE.
   - DEPARTMENTAL REPRESENTATIVE WILL MAINTAIN STORAGE FOR THESE ITEMS.
9. REMOVE ALL WINDOW COVERINGS INCLUDING BLINDS AND SHADES AT THE START OF CONSTRUCTION.
10. REMOVE GYSPUM BOARD PARTITIONS AND DEMOUNTABLE PARTITIONS INCLUDING ANY CONCEALED ELECTRICAL AND DATA WIRING AS INDICATED. REPAIR CEILING GRID. PATCH AND REPAIR ALL ADJACENT SURFACES WHERE WALLS WERE REMOVED. MAKE REPAIRS INVISIBLE IN FINAL ASSEMBLY.
11. REMOVE CARPET AND WALL FINISHES WHERE EXISTING CORRIDOR WALLS HAVE BEEN DEMOLISHED. PREPARE SURFACES TO RECEIVE NEW FINISHES AS INDICATED.
12. REMOVE EXISTING FINISHING MATERIAL FROM FLOOR IN ALL AREAS INDICATED. STRIP AND SCRAPE LATENT ADHESIVES FROM PREVIOUS FINISHES.
13. PERFORM ALL PATCHING, EXTENDING OR REPAIR OF EXISTING SURFACES USING MATCHING PRODUCTS, FINISHES AND CONSTRUCTION TYPE AS REQUIRED TO MAKE WORK COMPLETE, CONSISTENT AND IDENTICAL TO EXISTING.
14. CARRY OUT DEMOLITION WORK IN A MANNER TO MINIMIZE DISRUPTION TO NORMAL USE AND OPERATION OF BUILDING. PREVENT NOISE AND DUST FROM SPREADING TO ADJACENT OCCUPIED SPACES TO APPROVAL OF CONSULTANT.
15. COORDINATE ACTIVITIES WITH LANDLORD AND OBTAIN WRITTEN APPROVAL FOR SPECIAL DEMOLITION ACTIVITIES CAUSING DISTURBANCE TO OCCUPANTS.
16. REPAIR ALL DEMOLITION PERFORMED IN EXCESS OF THAT REQUIRED AT NO ADDITIONAL COSTS.
17. LEAVE SUBSTRATE SURFACES IN SMOOTH, SOUND CONDITION, SUITABLE TO RECEIVE NEW FINISHES.
18. REMOVE DEMOLISHED MATERIALS FROM SITE ON A DAILY BASIS DURING THE PERFORMANCE OF THE WORK.
19. REMOVE EXISTING FLOOR FINISHES IN AREAS INDICATED. ALL UN-INDICATED AREAS REPRESENT EXISTING CARPET TILE TO BE REMOVED.
20. WHERE EXISTING FLOOR FINISHES ARE BEING REMOVED, CLEAN AND PREPARE EXISTING SUBFLOOR SURFACES LEVEL SMOOTH AND READY TO RECEIVE NEW FINISHES. ALLOW FOR ADEQUATE PREPARATION TO ENSURE A COMPLETE AND SATISFACTORY FLOORING INSTALLATION.
21. PATCH ALL DAMAGED OR DETERIORATED PORTIONS OF SUBFLOOR WITH LATEX MODIFIED SELF LEVELLING CONCRETE FILLER OR GROUT DEPENDING UPON EXTENT OF DAMAGE. INTENT IS NOT TO LEVEL FULL FLOOR AREA. ONLY AREAS WITH EXTENSIVE DAMAGE MUST BE REPAIRED. ADDITIONAL REPAIR REQUIRED FOR EXPOSED CONCRETE FLOOR.
22. MECHANICALLY REMOVE ALL EXISTING ADHESIVES FROM SURFACES TO RECEIVE NEW FINISHES. THE USE OF SOLVENT BASED STRIPERS WILL NOT BE PERMITTED.
23. REPLACE ANY DAMAGED T-BAR SUSPENSION MEMBERS TO APPROVAL OF CONSULTANT.
24. REMOVE ALL APPLIED WALL FINISHES FROM BASE BUILDING WALLS EXCEPT FOR PAINTED SURFACES. PREPARE WALLS TO RECEIVE NEW FINISH AS SPECIFIED.
25. PATCH ALL DAMAGED SURFACES WHERE TENANT FIXTURES, FITTING AND EQUIPMENT WERE REMOVED.
26. REFER TO MECHANICAL AND ELECTRICAL SPECIFICATIONS FOR FURTHER DEMOLITION REQUIREMENTS.
27. WHERE DEMOLITION OF EXISTING T-BAR CEILING OCCURS, REMOVE EXISTING FLUORESCENT LIGHT FIXTURES AND T-BAR FOR REUSE. DELIVER ALL UNUSED MATERIAL TO DEPARTMENTAL REPRESENTATIVE AND STORE WHERE DIRECTED.
28. SOME STEEL STUD GYPSUM WALL BOARD BAFFLES EXIST IN CEILING PLENUM WITH NO WALL BELOW. ASSUME 7620 mm OF DEMOLITION REQUIRED TO REMOVE.
29. REMOVE ALL EXISTING DRYWALL BAFFLES ABOVE CEILING. REMOVE ASSOCIATED FRAMING.
30. PROVIDE AND PAY FOR ALL PERMITS, INSPECTIONS, ETC. REQUIRED FOR WORK OF THE SECTION.
31. ALL CEILING TILES TO BE REMOVED AND DISPOSED OF. CEILING GRID TO REMAIN.
32. ALL WALLS TO BE DEMOLISHED ARE SLAB TO UNDERSIDE OF CEILING WITH BAFFLE ABOVE. REFER TO KEYNOTES FOR ADDITIONAL INFORMATION ON EXISTING WALL.
33. FULL SCOPE OF DEMOLITION WORK IS BY CONTRACTOR.

DEMOLITION LEGEND

SYMBOL	DESCRIPTION
	EXISTING PARTITION TO BE DEMOLISHED
	EXISTING PARTITION TO REMAIN
	EXISTING DOOR TO REMAIN UNLESS NOTED OTHERWISE
	EXISTING DOOR TO BE REMOVED AND DISPOSED
	AREA OF VCT FLOORING TO BE DEMOLISHED.
	AREA OF TILE FLOORING AND BASE TO BE DEMOLISHED.
	AREA OF CARPET FLOORING TO BE FULLY DEMOLISHED, INCLUDING REMOVAL OF ALL RESIDUE FROM SLAB.

1. INDICATES MILLWORK COUNTER COMPLETE WITH SINK WHERE APPLICABLE TO BE DEMOLISHED.
2. INDICATES MILLWORK COUNTER, SINK, AND UPPER CABINETS TO BE DEMOLISHED.
3. INDICATES DRYWALL CEILING TO BE DEMOLISHED.
4. INDICATES SURFACE APPLIED GYPSUM WALLBOARD / PC350 PANELS TO BE REMOVED FROM CONCRETE SURFACE.
5. INDICATES GLASS DOORS TO REMAIN, COVER AND PROTECT THROUGHOUT DEMOLITION.
6. INDICATES EXISTING FLOOR MONUMENT TO REMAIN.
7. INDICATES EXISTING CORE DRILLS TO BE INFILLED. FIRE RESISTANCE RATING TO BE 2HR.
8. EXISTING ACCESS PANELS TO REMAIN. PROTECT AS REQUIRED THROUGHOUT CONSTRUCTION.
9. AREA TO REMAIN ACCESSIBLE THROUGHOUT CONSTRUCTION. RETAIN EXISTING WALL AND PROVIDE HOARDING AS REQUIRED THROUGHOUT CONSTRUCTION TO SUIT. HOARDING WALL TO BE 1HR RATED.
10. INDICATES EXISTING PARTITIONS WHICH ARE DOUBLE STUD CONSTRUCTION.
11. INDICATES AREA OF LOWER CEILING (+/- 25 - 50 mm). AREA LIMITED TO BOUNDARY OF ROOM.

Canada

Public Works and Government Services Canada / Travaux publics et services gouvernementaux Canada

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Contractor to verify all dimensions & conditions on site and immediately notify the engineer of all discrepancies.

L'entrepreneur doit vérifier toutes les dimensions et conditions sur le site et aviser immédiatement l'ingénieur de toute divergence.

revisions	description	date
8	ADDENDUM 002	20200612
7	ADDENDUM 001	20200603
6	ISSUED FOR TENDER R1	20200416
5	ISSUED FOR PERMIT	20200401
4	ISSUED FOR TENDER	20200401
3	ISSUED FOR 100% REVIEW	20200316
2	ISSUED FOR 99% REVIEW	20200224
1	ISSUED FOR 66% REVIEW	20200206

A detail no. / no. du detail
B location drawing no. / sur dessin no.
C drawing no. / dessin no.

project / projet

NCR - QUEBEC
GC WORKPLACE FIT-UP

drawing / dessin

DEMOLITION PLAN

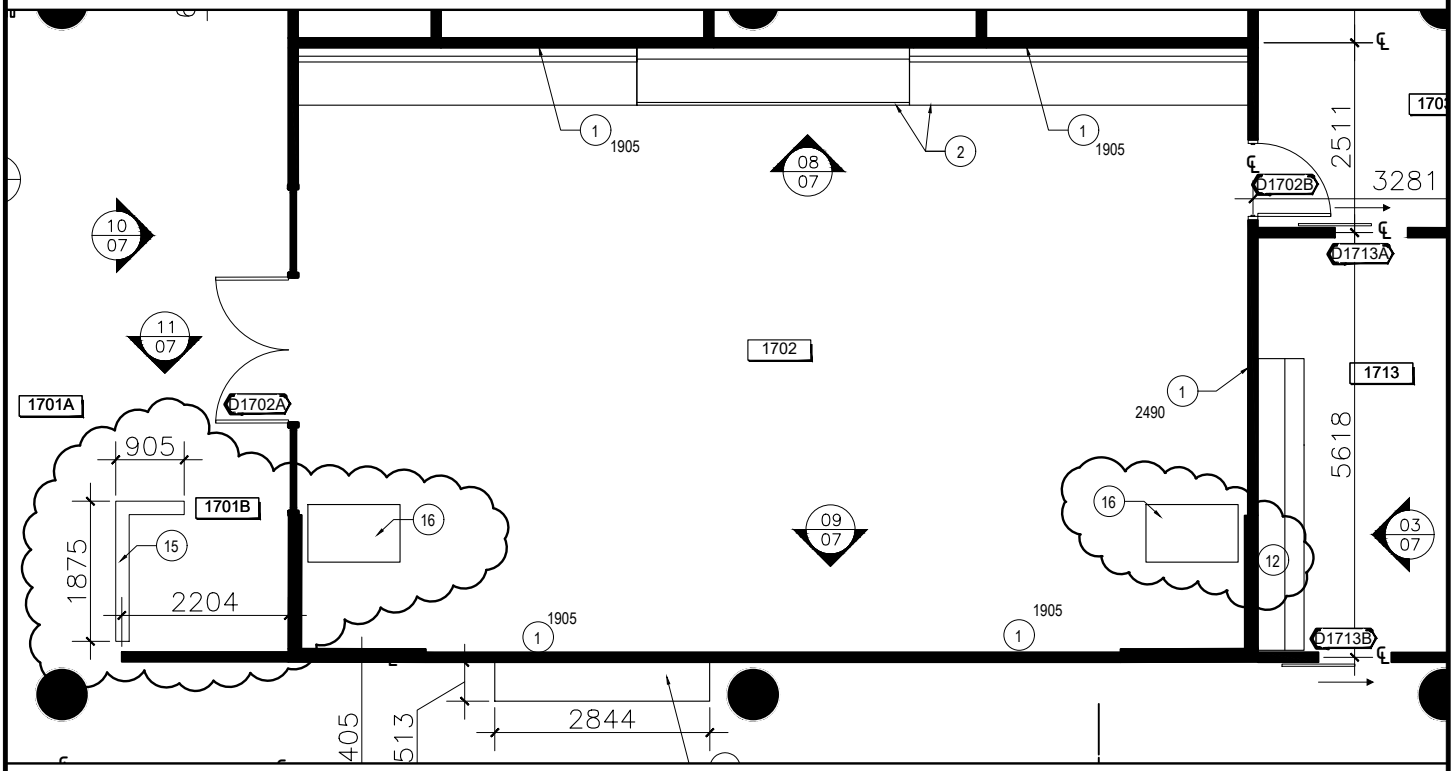
Designed By / Conçu par	4té Inc.
Date	(yyyy/mm/dd)
Drawn By / Dessiné par	AD
Date	(yyyy/mm/dd)
Reviewed By / Examiné par	TH
Date	(yyyy/mm/dd)
Approved By / Approuvé par	
Date	(yyyy/mm/dd)
Tender / Soumission	
Project Manager / Administrateur de projets	EVA LEFEBRE
Project no. / No. du projet	R.105793.008
Drawing no. / No. du dessin	ID-01

C

0 10 20mm 40 60 80 100 120 140 160 180 200mm

2019-149_GCFITUP.DWG

Canada



15 FREESTANDING MILLWORK TO SURROUND RECEPTION DESK (RECEPTION DESK TO BE PROVIDED BY FURNITURE VENDOR. REFER TO DETAILS.

16 CUSTOM MILLWORK HEIGHT ADJUSTABLE DESK, REFER TO DETAILS. PROVIDE HEIGHT ADJUSTABLE DESK BASE IN BLACK POWDER COATED METAL FINISH.

project / projet NCR - QUEBEC GC WORKPLACE FIT-UP	Designed By / Conçu par: AD Date / (yyyy/mm/dd): 2020-03-06 Drawn By / Dessiné par: AD Date / (yyyy/mm/dd): 2020-03-06 Reviewed By / Examiné par Date / (yyyy/mm/dd) Approved By / Approuvé par Date / (yyyy/mm/dd) Tender / Soumission Project Manager / Administrateur de projets	Public Works and Government Services Canada / Travaux publics et services gouvernementaux Canada
drawing / dessin ID-02 CONSTRUCTION PLAN		Project no. / No. du projet R.105793.008 Drawing no. / No. du dessin ID-02-SK1

PWGSC 11x8.5 (215x279)

Canada

FLOOR FINISHES LEGEND

SYMBOL	DESCRIPTION
CPT1	FIELD CARPET Size: 305 mm x 914 mm Style: Herringbone (refer to plan) Color #: Multi-tone grey with shiny accent threading - straight linear pattern Wall Base: Resilient Base, 114 mm H, Black
CPT2	ACCENT CARPET Size: 305 mm x 914 mm Style: Ashlar Color #: Multi-tone grey - straight linear pattern *finish to align with CPT1 Wall Base: Resilient Base, 114 mm H, Black
CON1	POLISHED CONCRETE FLOOR Size: N/A Style: Polished Color #: N/A Wall Base: Resilient base, 114 mm H, Black
LVT1	FIELD TILE Size: 229 mm x 1499 mm Style: Wood look Color #: Dark oak grain Wall Base: Resilient base, 114 mm H, Black
T1	FLOOR TILE Size: 305 mm x 610 mm Style: Light concrete texture Color #: Grey concrete look Wall Base: None Installation: Ashlar
RB1	RESILIENT BASE Size: 114 mm high x 9.5 mm thick Style: Thick rectilinear base, rectangular shaped profile with 45 degree chamfer top Color #: Black
✳	TRANSITION STRIP Size: To suit transition Style: N/A Color #: Dark Grey

project / projet

NCR - QUEBEC
GC WORKPLACE FIT-UP

drawing / dessin

ID-04
FLOOR FINISHES PLAN

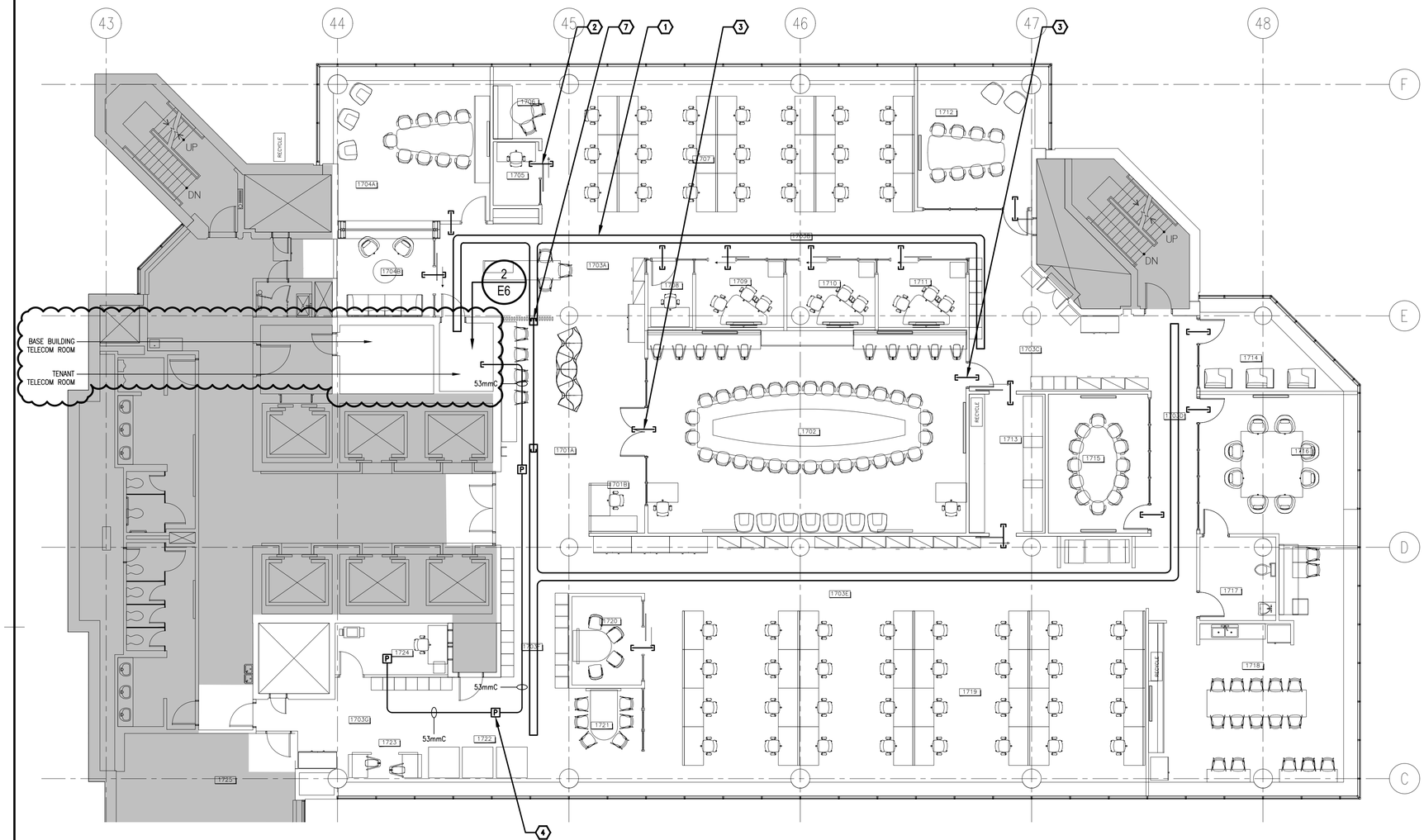
Designed By	AD	Conçu par
Date	2020-03-06	(yyyy/mm/dd)
Drawn By	AD	Dessiné par
Date	2020-03-06	(yyyy/mm/dd)
Reviewed By		Examiné par
Date		(yyyy/mm/dd)
Approved By		Approuvé par
Date		(yyyy/mm/dd)
Tender		Soumission
Project Manager		Administrateur de projets

Public Works and Government Services Canada / Travaux publics et services gouvernementaux Canada

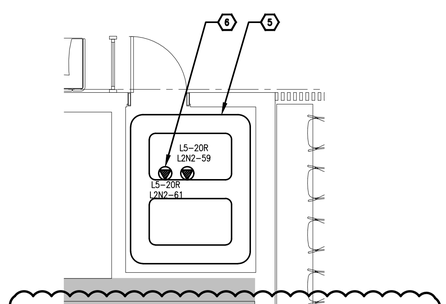
Project no. / No. du projet
R.105793.008

Drawing no. / No. du dessin
ID-04-SK1

PWGSC 11x8.5 (215x279)



1 E6 ABOVE CEILING COMMUNICATIONS NEW WORK
1:100



1 E6 TENANT TELECOM ROOM DETAIL
1:50

GENERAL NOTES

1. ALL EXISTING TO REMAIN AND NEW CONDUITS IN THE AREA OF WORK SHALL BE PROPERLY SUPPORT TO BUILDING STRUCTURE.
2. EXACT LOCATION AND MOUNTING HEIGHTS OF ALL OUTLETS TO BE COORDINATED WITH INTERIOR DESIGNER'S DRAWINGS PRIOR TO ROUGH IN. REFER TO ARCHITECTURAL DRAWINGS FOR MILLWORK, FURNITURE, SCREENS, AV COMPONENTS FOR REQUIREMENTS.
3. PROVIDE NEW UPDATED, TYPED PANEL DIRECTORIES UPON PROJECT COMPLETION.

DRAWING NOTES

1. PROVIDE NEW 300mm X 100mm WIRE BASKET TYPE CABLE TRAY IN CEILING SPACE OF OPEN OFFICE AREA AS INDICATED C/W ALL REQUIRED HARDWARE AND ACCESSORIES. PROVIDE GROUND WIRE IN TRAY. FIRE STOP ALL PENETRATIONS. REFER TO CABLE TRAY DETAILS ON DRAWING E8.
2. TYPICAL:
   PROVIDE NEW 27mm CONDUIT SLEEVES IN ALL ENCLOSED SPACES. ENDS TO BE REAMED AND BUSHED. COORDINATE EXACT LOCATION ON SITE. FIRE STOP ALL PENETRATIONS.
3. PROVIDE NEW 53mm CONDUIT SLEEVES IN LARGE MEETING ROOM AS SHOWN. ENDS TO BE REAMED AND BUSHED. COORDINATE EXACT LOCATION ON SITE. FIRE STOP ALL PENETRATIONS.
4. TYPICAL:
   PROVIDE NEW 155mmX155mmX78mm PULL BOX ABOVE CEILING SPACE AS INDICATED. REFERENCE COMMUNICATIONS SPECIFICATIONS ON THIS DRAWING.
5. PROVIDE NEW 305mm X 100mm LADDER TYPE CABLE TRAY AS INDICATED C/W ALL REQUIRED HARDWARE AND ACCESSORIES. CABLE TRAY SHALL BE INSTALLED AT 2250mm ABOVE FINISHED FLOOR. PROVIDE GROUND WIRE IN TRAY. REFERENCE CABLE TRAY DETAILS ON DRAWING E8.
6. TYPICAL:
   PROVIDE NEW DEDICATED RECEPTACLE, TYPE AS INDICATED. RECEPTACLES TO BE MOUNTED ON THE SIDE OF THE CABLE TRAY. COORDINATE EXACT LOCATION ON SITE WITH DEPARTMENTAL REPRESENTATIVE.
7. PROVIDE THREE (3) 103mm EMPTY CONDUITS C/W PULL STRINGS TO INTERCONNECT NEW CABLE TRAY RUNNING THROUGH THE SPACE.

COMMUNICATION NOTES

1. CONDUITS:
.1 ALL TELECOMMUNICATIONS PATHWAYS SHALL BE INSTALLED IN HOME RUN CONDUITS ORIGINATING FROM THE TELECOMMUNICATION OUTLET TO THE CABLE TRAY SYSTEM OR TO THE APPLICABLE TELECOM ROOM (TR AND MER/MTR). THE USE OF J HOOKS IS PERMITTED AND SHALL BE INSTALLED AS PER CODES AND STANDARDS.
.2 ALL CONDUITS AND PULL BOXES SHALL BE INSTALLED IN ACCORDANCE WITH CEC, PART 1, TIA-569 COMMERCIAL BUILDING STANDARD FOR TELECOMMUNICATIONS PATHWAYS AND SPACES AND APPLICABLE BUILDING CODES. CONDUIT SHALL BE RIGIDLY FASTENED AND ADEQUATELY SUPPORTED TO WITHSTAND PULLING TENSIONS.
.3 THE INSIDE RADIUS OF A BEND IN A CONDUIT SHALL BE NOT LESS THAN SIX TIMES THE INTERNAL DIAMETER WHEN THE CONDUIT IS LESS THAN 50mm IN DIAMETER AND TEN TIMES THE INTERNAL DIAMETER WHEN CONDUIT IS 50mm IN DIAMETER OR LARGER.
.4 IN ACCORDANCE WITH TIA-606 AND TIA-569, ALL ZONE CONDUITS SHALL BE IDENTIFIED AND LABELED AT BOTH ENDS. TAGS SHALL IDENTIFY START AND FINISH OF CONDUIT RUNS. PULL BOXES SHALL BE LABELED ON THE EXPOSED EXTERIOR.
.5 ALL CONDUITS SHALL ORIGINATE AND BE PHYSICALLY CONNECTED TO THE TELECOM BACKBOARDS IN THE TRS, CABLE TRAY AND PULL BOX.
.6 ALL METALLIC PARTS OF THE CABLE DISTRIBUTION SUPPORTING SYSTEM SHALL BE BONDED TOGETHER MECHANICALLY, INCLUDING AT ALL TRANSITION POINTS (I.E. CABLE TRAY AND DISTRIBUTION CONDUIT NOT MECHANICALLY CONNECTED) USING A #6 AWG GREEN JACKETED STRANDED COPPER GROUND WIRE. THE METALLIC COMPONENTS OF THE CABLE DISTRIBUTION SYSTEM SHALL BE BONDED TOGETHER AT THE MTR AND TRS AND THEN BONDED TO THEIR RESPECTIVE TELECOM GROUND BUS BARS.
.7 ALL FITTINGS, CONNECTORS AND COUPLINGS ARE TO BE STEEL.
.8 ALL CONDUITS/SLEEVES THAT ENTER THE TR SHALL BE FITTED WITH AN APPROVED GROUND BUSHING C/W GROUND LUG AND BONDED TOGETHER MECHANICALLY (ONE CONTINUOUS PIECE PREFERRED). THIS SHALL BE CONNECTED TO THE APPROVED BUILDING GROUND BY MEANS OF A #6 AWG GREEN JACKETED STRANDED COPPER GROUND WIRE TO THE GROUNDING BUS BAR.
.9 ALL CONDUITS ENTERING OR EXITING THROUGH THE CEILING OR WALLS OF THE TR SHALL PROTRUDE INTO THE ROOM 25-50mm OR AS DESIGNATED BY THE DEPARTMENTAL REPRESENTATIVE DESIGN AUTHORITY.
.11 ALL CONDUIT RUNS SHALL FOLLOW BUILDING GRID LINES AND SHALL BE CONCEALED WHERE POSSIBLE.
.12 ALL CONDUITS SHALL BE THIN WALL EMT, REAMED AND BUSHED AT BOTH ENDS AND BONDED TO THE DISTRIBUTION SYSTEM. RIGID PVC OR FLEXIBLE METALLIC CONDUITS ARE ACCEPTABLE IN LIMITED SITUATIONS.
.13 UNLESS OTHERWISE SPECIFIED, ALL CONDUIT RUNS SHALL BE A MAXIMUM OF 30 METERS IN LENGTH WITH A MAXIMUM OF TWO 90-DEGREE BENDS BETWEEN PULL POINTS.
.14 A PULL BOX SHALL BE PLACED IN CONDUIT RUNS WHERE THE SUM OF THE BENDS EXCEEDS 180 DEGREES, WHERE THE OVERALL LENGTH OF THE CONDUIT RUN IS MORE THAN 30m, OR IF THERE IS A REVERSE BEND IN THE RUN.
.15 PULL BOXES SHALL BE MADE OF CODE GAUGE STEEL AND SHALL HAVE A RUST RESISTANT FINISH. LOCATIONS AND SIZES OF ALL PULL BOXES SHALL BE AS INDICATED.
.16 IN ALL INSTANCES PULL BOXES SHALL BE PLACED IN STRAIGHT SECTIONS OF CONDUIT RUN AND SHALL NOT BE USED IN LIEU OF A BEND. CORRESPONDING ENDS OF THE CONDUIT ARE TO BE ALIGNED WITH EACH OTHER. CONDUIT FITTINGS SHALL NOT BE USED IN PLACE OF PULL BOXES OR BENDS.
.17 PULL BOXES SHALL BE INSTALLED AT A REASONABLE HEIGHT, IN AN EXPOSED LOCATION SUCH THAT ACCESS FOR INSTALLATION OF CABLES IS NOT PROHIBITED. PULL BOXES SHALL NOT BE PLACED IN A FIXED FALSE CEILING SPACE, UNLESS IMMEDIATELY ABOVE A SUITABLY MARKED AND HINGED ACCESS PANEL. PROVIDE INDICATOR DECALS ON CEILING T-BAR RAIL OR CEILING TILES SHOWING LOCATION OF PULL BOX OR SPLICE BOX. REFER TO THE DESIGN AUTHORITY FOR DETAILS.
.18 THE MINIMUM SIZE (INSIDE DIAMETER) FOR EMT CONDUIT RUNNING BETWEEN THE TELECOMMUNICATIONS ROOM AND THE TELECOMMUNICATIONS OUTLET AT AN OUTLET LOCATION IS TWENTY-SEVEN MILLIMETERS (27mm).
.19 THE MAXIMUM HORIZONTAL DISTANCE SHALL BE 90 METRES. THIS IS THE CABLE LENGTH FROM THE MECHANICAL TERMINATION IN THE TR AND MTR ROOMS TO THE TELECOMMUNICATIONS OUTLET. WHERE THE HORIZONTAL DISTANCE EXCEEDS 90 METERS, PROVIDE ADDITIONAL ROOMS AS REQUIRED.
.20 CABLE FILL CAPACITIES OF CONDUIT, CABLE TRAY AND RACEWAYS SHALL NOT BE GREATER THAN 40%.
.21 A PULL CORD OR FISH TAPE SHALL BE INSTALLED IN ALL CONDUITS.
.22 THE TELECOMMUNICATIONS OUTLET CONDUIT SYSTEM SHALL BE LABELLED GREEN.
.23 PLACE PULL BOXES IN ACCESSIBLE LOCATIONS ONLY.
.24 THE TELECOMMUNICATION OUTLET CONDUIT SYSTEM SHALL BE LABELLED GREEN.
.25 THE USE OF C, LB, LL AND TYPE T TYPE FITTINGS IS NOT PERMITTED.
.26 CONDUITS ENDING IN THE VICINITY OF CABLE TRAY SHALL BE TERMINATED AT A HEIGHT OF NO LESS THAN 100mm AND NO MORE THAN 150mm FROM THE TOP OF THE CABLE TRAY. CONDUIT RUNS SHALL NOT BE PUNCHED THROUGH THE SIDE OF THE CABLE TRAY. CONDUIT ENDS ARE TO BE BONDED TO THE CABLE TRAY. INSTALLER IS TO ENSURE THAT THE BONDING CABLE IS SECURED TO THE OUTSIDE OF THE CABLE TRAY.

2. BASKET TYPE CABLE TRAY:
.1 WIRE BASKET TRAY MUST BE EQUAL TO OR EXCEED WIRE BASKET TRAY SPECIFICATIONS AND MUST BE INSTALLED TO MEET THE NATIONAL AND LOCAL BUILDING CODES, CEC AND CSA STANDARDS.
.2 WIRE BASKET TRAY SHALL BE MANUFACTURED FROM ROUND STEEL WIRE THAT IS A MINIMUM OF 5mm IN DIAMETER. WIRES SHALL BE WELDED AT INTERSECTIONS TO FORM A GRID PATTERN AND THE TRAY SHALL BE U-SHAPED WITH EQUAL HEIGHT SIDEWALLS.
.3 WIRE BASKET TRAY SHALL BE INSTALLED IN THE CEILING PLENUM AND BE USED FOR CABLING DISTRIBUTION. INACCESSIBLE AREAS SUCH AS LOCK-IN TYPE CEILING TILES, DRYWALL OR PLASTER SHALL NOT BE USED AS DISTRIBUTION PATHWAYS.
.4 WIRE BASKET TRAYS SHALL BE LOCATED TO SUIT THE APPLICATION. NOTHING SHALL PROTRUDE, PENETRATE OR PASS THROUGH THE BASKET TRAY. ALSO, IT SHALL BE ACCESSIBLE FOR FUTURE CHANGES TO BOTH THE CABLE TRAY AND CABLING SYSTEM.
.5 SUPPORT WIRE BASKET TRAYS TO SUIT LOADING AND RECOMMENDED SUPPORT REQUIREMENTS IN THE CANADIAN ELECTRICAL CODE, PART 1, FOR THE APPLICABLE CLASS. A SUPPORT SHALL BE PLACED WITHIN A MAXIMUM OF 610mm ON EITHER SIDE OF ANY CONNECTION TO A FITTING.
.6 THE INSIDE OF THE WIRE BASKET TRAY SHALL BE FREE OF BURRS; SHARP EDGES OR PROJECTIONS, WHICH COULD DAMAGE CABLE INSULATION.
.7 USE ONLY INSTALLATION TOOLS RECOMMENDED BY THE MANUFACTURER TO FIELD FABRICATE BASKET TRAY INTERSECTIONS AND CHANGES IN ELEVATION. USE SIDE-ACTION BOLT CUTTERS WITH AN OFFSET HEAD TO CUT BASKET TRAY. USE A BENDING TOOL TO FORM THE ENDS OF CUT SECTIONS DOWNWARD AT 90° TO ALLOW EASY DROP-IN INSTALLATION WITH APPROVED SUPPORTS. MANUFACTURER'S ACCESSORIES AND FITTINGS SUCH AS SUPPORT WASHERS, AND WASHER SPLICE KITS SHALL BE USED FOR THE INSTALLATION OF THE WIRE BASKET TRAY.
.8 WIRE BASKET TRAYS SHALL BE INSTALLED AT LEAST 300mm AWAY FROM FLUORESCENT LUMINARIES AND SHALL CROSS POWER CABLES AT RIGHT ANGLES. PROVIDE MINIMUM 300mm ACCESS HEADROOM ABOVE THE CABLE TRAY WHERE PRACTICAL. DO NOT PERMIT OTHER BUILDING COMPONENTS SUCH AS: AIR CONDITIONING DUCTS TO RESTRICT ACCESS TO TRAYS.
.9 WIRE BASKET TRAY SHALL BE SUPPORTED EVERY 1500mm OR LESS IN ACCORDANCE WITH TIA-569-D. SUPPORTS MAY BE LOCATED DIRECTLY UNDER SPLICES OR INTERSECTIONS IF RECOMMENDED BY THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. IF SUPPORTS ARE NOT LOCATED UNDER SPLICES OR INTERSECTIONS, BASKET TRAY SHALL BE SUPPORTED WITHIN 610mm ON BOTH SIDES OF EVERY SPLICE OR INTERSECTION. SUPPORT BASKET TRAY ON BOTH SIDES OF EVERY CHANGE IN ELEVATION.
.10 SECURE WIRE BASKET TRAY TO EACH SUPPORT WITH A MINIMUM OF ONE FASTENER. FOLLOW THE MANUFACTURERS RECOMMENDED ASSEMBLY, SPLICE AND INTERSECTION FORMING PRACTICES.
.11 BASKET TRAY SHALL BE BONDED TO THE TELECOMMUNICATION GROUNDING BUS BAR (TGB) USING AN APPROVED GROUND LUG ON THE BASKET TRAY AND A MINIMUM #6 GROUNDING WIRE OR AS RECOMMENDED BY THE AHJ. VERIFY BONDS AT SPLICES AND INTERSECTIONS BETWEEN INDIVIDUAL BASKET TRAY SECTIONS AND SUPPORTS. CABLE PATHWAY SHOULD BE ELECTRICALLY CONTINUOUS THROUGH BONDING AND ATTACHED TO THE TGB.

3. DATA OUTLETS:
.1 OUTLET BOXES SHALL BE 100mm X 100mm X 54mm AND FITTED WITH A SINGLE GANG PLASTER RING. WHEREVER POSSIBLE, THE FACE OF THE PLASTER RING SHOULD BE INSTALLED FLUSH.
.2 OUTLET BOXES SHALL BE INSTALLED IN LOCATIONS THAT ARE APPROVED AND SPECIFIED BY THE DEPARTMENTAL REPRESENTATIVE. UNLESS OTHERWISE NOTED ON THE BUILDING PLANS, THE OUTLET BOX SHALL BE INSTALLED AT 300mm AFF OR AT THE SAME HEIGHT AND WITHIN 300mm OF THE ADJACENT ELECTRICAL DUPLEX RECEPTACLES.
.3 CONDUIT MUST ENTER THE OUTLET BOXES FROM THE TOP OR BOTTOM.
.4 BACK TO BACK OUTLET BOXES SHALL NOT BE USED.
.5 PLASTER RINGS OR RAISED ADAPTER PLATES SHALL NOT BE USED TO REDUCE THE SIZE OF THE OUTLET SUCH THAT TWO ADDITIONAL RECEPTACLES COULD NOT BE ADDED TO THE OUTLET IN THE FUTURE.
.6 THE CONTRACT MANAGEMENT AUTHORITY AT NO ADDITIONAL COST MAY CHANGE THE LOCATION OF THE OUTLET; PROVIDED THAT THE DISTANCE IS NOT GREATER THAN 3M AND SUFFICIENT NOTICE IS GIVEN PRIOR TO INSTALLATION.
.7 IF WALLS ARE TO BE FINISHED WITH DRYWALL OR OTHER BUILDING MATERIAL, OUTLET BOXES SHALL BE INSTALLED TO ENSURE THAT WHEN THE WALL IS COMPLETE, THE BOX WILL BE FLUSH WITH THE EXTERIOR SURFACE.

4. PULL BOXES:
.1 PULL BOXES SHALL BE CONSTRUCTED OF AT LEAST 16 GAUGE STEEL AND SHALL HAVE A RUST RESISTANT FINISH.
.2 IN LIEU OF A BEND, THE CORRESPONDING CONDUIT ENDS SHOULD BE ALIGNED WITH EACH OTHER.
.3 WHEREVER SPACE PERMITS, PULL BOX SIZING SHALL BE BASED ON INDUSTRY STANDARDS OR APPROVED BY THE DEPARTMENTAL REPRESENRATIVE-TONDE DESIGN AUTHORITY.

2019-692-E.DWG

C
0 10 20mm 40 60 80 100 120 140 160 180 200mm

Canada

Public Works and Government Services Canada / Travaux publics et services gouvernementaux Canada

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Contractor to verify all dimensions & conditions on site and immediately notify the engineer of all discrepancies.

L'entrepreneur doit vérifier toutes les dimensions et conditions sur le site et aviser immédiatement l'ingénieur de toute divergence.

revisions	description	date
6	ADDENDUM 002	2020-06-12
5	ISSUED FOR TENDER R1	2020-04-16
4	ISSUED FOR TENDER	2020-04-01
3	ISSUED FOR 100% REVIEW	2020-03-13
2	ISSUED FOR 99% REVIEW	2020-02-24
1	ISSUED FOR 66% REVIEW	2020-02-06

A detail no. no. du detail
B location drawing no. sur dessin no.
C drawing no. dessin no.

project / projet
NCR - QUEBEC
GC WORKPLACE FIT-UP

drawing / dessin
ABOVE CEILING COMMUNICATIONS NEW WORK

Designed By / Conçu par	AG	
Date	JAN. 2020	(yyyy/mm/dd)
Drawn By / Dessiné par	AG	
Date	JAN. 2020	(yyyy/mm/dd)
Reviewed By / Examiné par	RB	
Date	JAN. 2020	(yyyy/mm/dd)
Approved By / Approuvé par	RB	
Date	JAN. 2020	(yyyy/mm/dd)
Tender / Soumission	EVA LEFEBRE	
Project Manager	Administrateur de projets	
Project no. / No. du projet	R.105793.008	
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