EXISTING VEGETATION SCHEDULE

SYM	Botanical Name / Common Name	Size	Health Condition	Remarks
A	Pinus strobus / White pine	3 x 35 cm DBH	Good	TO BE REMOVED to permit development.
B	Acer platanoides / Norway maple	30 cm DBH	Poor	TREE TO BE REMOVED due to poor health conditions.
C	Malus pumila / Common apple	2.5 m HT	Poor	TO BE REMOVED due to poor health conditions.
D	Malus pumila / Common apple	30 cm DBH	Poor	TREE TO BE REMOVED due to poor health conditions.
E	Acer saccharum / Sugar maple	10 cm DBH	Good	TO BE REMOVED during Phase 2 to permit the expansion of the facility.
F	Picea glauca / White spruce	1 x 15 cm; 1 x 20 cm DBH	Good	TO BE REMOVED for installation of septic pipes.
G	Acer saccharum / Sugar maple	30 cm DBH	Good	TO BE REMOVED during Phase 2 to permit the expansion of the facility.
H	Acer saccharum / Sugar maple	15 to 20 cm DBH	Good	PORTION OF VEGETATION GROUPING TO BE REMOVED for installation of septic system.
I	Acer saccharum / Sugar maple Prunus serotina / Black cherry	10 to 30 cm DBH	Good	PORTION OF VEGETATION GROUPING TO BE REMOVED for installation of septic system.
J	Picea glauca / White spruce	40 cm DBH	Good	In conflict with preliminary design of septic system. TO BE REMOVED during the development of Phase 2 following review of septic design.
K	Populus tremuloides / Trembling aspen Acer saccharum / Sugar maple Betula papyrifera / White birch	5 to 30 cm DBH	Good	PORTION OF VEGETATION GROUPING TO BE REMOVED for installation of septic system and re-grading requirements.
L	Picea glauca / White spruce	40 cm DBH	Good	Tree TO BE PRESERVED during construction.
M	Pinus strobus / White pine	60 cm DBH	Good	Tree TO BE PRESERVED during construction.
N	Populus tremuloides / Trembling aspen	25 to 30 cm DBH	Good	Stand of trees growing on the adjacent property (6775 Hazeldean Rd.). Grouping TO BE PRESERVED during construction.
O	Trees: Pinus strobus / White pine Picea glauca / White spruce Understorey: Acer rubrum / Red maple Ulmus americana / White elm Populus tremuloides / Trembling aspen	20 to 45 cm DBH; 5 to 15 cm DBH	Good	Stand of mature trees and saplings growing on property line and on the adjacent property (6775 Hazeldean Rd.). Grouping TO BE PRESERVED during construction.
P	Pinus strobus / White pine	35 cm DBH	Good	Tree growing on the adjacent property (6775 Hazeldean Rd.). Tree TO BE PRESERVED during construction.
Q	Pinus strobus / White pine	30 cm DBH	Good	Tree growing on the adjacent property (6775 Hazeldean Rd.). Tree TO BE PRESERVED during construction.
R	Salix spp. / Willow Ulmus americana / White elm Rhamnus frangula / Glossy buckthorn	2.0 m HT	Good	Grouping of shrubs growing on the front property line. Grouping TO BE REMOVED.
S	Salix spp. / Willow Ulmus americana / White elm	2.0 m HT	Good	Grouping of shrubs growing on the front property line. Grouping TO BE REMOVED.
T	Populus tremuloides / Trembling aspen	15 to 20 cm DBH	Good to dead	Stand of trees growing on property line and on the adjacent property (6809 Hazeldean Rd.). Grouping TO BE REMOVED .
U	Populus tremuloides / Trembling aspen	15 to 20 cm DBH	Dead	Stand of trees growing on property line and on the adjacent property (6809 Hazeldean Rd.). TREES TO BE REMOVED.

MITIGATION MEASURES FOR WORK WITHIN CRITICAL ROOT ZONE OF TREES

1. **ALL EXCAVATION WITHIN THE CRITICAL ROOT ZONE (CRZ) OF TREES SHALL BE BY HAND OR HYDRO EXCAVATION USING THE SMALLEST TOOLS POSSIBLE.** IN THE EVENT THAT A TREE HAS ROOTS THAT WILL BE IMPACTED BY THE CONSTRUCTION OF TRENCHES, THE CONTRACTOR SHALL ONLY TUNNEL OR BORE WITHIN THE CRZ. **THE ROOTS SHOULD ONLY BE CUT BY HAND WITH A SHARP SPADE OR KNIFE AT THE LIMIT OF DISTURBANCE PRIOR TO ANY CONSTRUCTION ACTIVITIES.** THIS WILL ENSURE THE ROOTS ARE NOT DISTURBED MORE THAN NECESSARY. **ANY ROOT PRUNING REQUIRES THE SERVICE OF A QUALIFIED ARBORIST OR QUALIFIED TREE WORKER UNDER THE SUPERVISION OF A QUALIFIED ARBORIST.**
2. ANY ROOTS THAT ARE EXPOSED MUST BE COVERED WITH NATIVE TOPSOIL IMMEDIATELY TO ENSURE THAT THE ROOTS DO NOT DRY OUT OR HAVE ANY FURTHER DAMAGE OCCUR TO THEM. **ALL REMEDIAL WORKS MUST BE CONDUCTED BY A CERTIFIED CARE PROFESSIONAL TO ENSURE PROPER CARE IS ADMINISTERED IN ORDER TO ENABLE THE CONTINUED HEALTH OF THE TREES.**

LANDSCAPE NOTES

1. REFER TO "LOT GRADING, DRAINAGE, SEDIMENT & EROSION CONTROL PLAN" FOR PROPOSED GRADING.
2. REFER TO "SITE SERVICING & UTILITY PLAN" FOR LOCATION AND DETAILS OF PROPOSED UNDERGROUND SERVICES.
3. EXISTING VEGETATED AREAS TO REMAIN, PRESERVED, AND PROTECTED SHALL BE CLEARED OF UNDESIRABLE VEGETATION. THE SELECTION OF ALL VEGETATION TO BE REMOVED SHALL BE COMPLETED BY A QUALIFIED ARBORIST AND APPROVED BY THE MUNICIPALITY FORESTRY SERVICES PRIOR TO REMOVAL. THE FOLLOWING UNDESIRABLE VEGETATION SHALL BE REMOVED:
   A) ALL DEAD TREES;
   B) ALL TREES IN POOR CONDITION OR SHOWING AN HAZARDOUS CONDITION;
   C) ALL DECLINING ELMS; AND
   D) ALL ASH TREES DUE TO THE FAST INFESTATION OF THE EMERALD ASH BORER. REMOVAL OF ASH TREES SHALL BE DONE USING SPECIAL MEASURES AS STATED BY THE MINISTRY OF NATURAL RESOURCES AND FORESTRY.
4. EXISTING VEGETATED AREAS ON ADJACENT PROPERTIES SHALL REMAIN AND BE PROTECTED BEFORE, DURING, AND AFTER CONSTRUCTION. REFER TO DETAIL 1/L200 FOR THE TEMPORARY TREE PROTECTION FENCE TO BE INSTALLED.
5. NO VEGETATION REMOVAL SHALL OCCUR BETWEEN MAY 1 AND JULY 15 OF ANY YEARS TO PROTECT BREEDING MIGRATORY BIRDS, AS WELL AS AT RISK BAT SPECIES. SHALL TREE REMOVAL DURING THIS PERIOD BY UNAVOIDABLE, THE CONTRACTOR IS REQUIRED TO CONDUCT A NESTING SURVEY BY A REGISTERED PROFESSIONAL AVIAN BIOLOGIST TO IDENTIFY AND ENSURE NO NESTING ACTIVITY ARE PRESENT. TREE REMOVAL WILL BE ALLOWED WITHIN FIVE (5) DAYS OF CONDUCTING THE SURVEY.
6. CONTRACTOR TO LOCATE AND STAKE ALL UTILITIES PRIOR TO ANY WORK ON THE SITE. DO NOT PLANT DIRECTLY ABOVE UNDERGROUND UTILITIES. REPORT ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT FOR DIRECTION.
7. NO TREES SHALL BE PLANTED UNDER OVERHEAD WIRES.
8. THE LANDSCAPE ARCHITECT MAY ADJUST THE LOCATION OF TREES PRIOR TO PLANTING TO MINIMIZE CONFLICTS WITH UTILITIES, DRIVEWAYS AND INTERSECTION VISIBILITY.
9. CONTRACTOR SHALL SUPPLY ALL MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE WORK SHOWN ON THESE DRAWINGS. ANY DISCREPANCIES SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT FOR DIRECTION.
10. DO NOT MAKE SUBSTITUTIONS OF MATERIALS, PRODUCTS OR QUANTITIES WITHOUT PRIOR WRITTEN PERMISSION OF THE LANDSCAPE ARCHITECT.
11. THE CONTRACTOR TO MAKE GOOD TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT ANY AREAS DAMAGED BY THE WORK.
12. UPON THE COMPLETION OF WORK EACH DAY, REMOVE ALL DEBRIS, GARBAGE AND SURPLUS MATERIALS FROM THE SITE. KEEP THE SITE CLEAN AND USEABLE AT ALL TIMES.
13. ALL WORKMANSHIP AND MATERIALS (INCLUDING PLANTS) TO BE GUARANTEED FOR ONE FULL YEAR FOLLOWING FINAL ACCEPTANCE OF THE PROJECT.
14. THE CONTRACTOR SHALL REMOVE ALL T-BAR AND WOODEN TREE STAKES PRIOR TO ASSUMPTION BY THE OWNER.
15. AT THE TIME OF INSPECTION FOR ACCEPTANCE ALL TREE PITS SHALL BE CULTIVATED, FREE OR WEEDS, LEAVES, BROKEN BRANCHES AND DEBRIS.

SODDING / SEEDING SCHEDULE

1. SEED SHALL BE A LOW MAINTENANCE LAWN MIXTURE #7104 BY OSC SEEDS OR APPROVED EQUIVALENT. SEEDING SHALL BE INSTALLED MECHANICALLY WITH MULCH OVER 150mm OF TOPSOIL. SEED SHALL BE INSTALLED IN ALL DISTURBED AREAS AND AS PER OPSS 804. DISTURBED AREAS INCLUDE THOSE AREAS OUTSIDE THE PROPERTY.
2. SOD SHALL BE KENTUCKY BLUEGRASS SOD INSTALLED OVER 135mm OF TOPSOIL. SOD SHALL BE INSTALLED ON THE FRONTAGE AND ABOVE THE FIRE TANKS WHEN THEY WILL BE INSTALLED AS PART OF PHASE 2. SOD SHALL BE AS PER OPSS 803.

SITE FEATURES

RETAINING WALL: TO BE THE TYPICAL ARMOURSTONE RETAINING WALL AS PER CITY OF OTTAWA STANDARD DETAIL L7 OR APPROVED EQUIVALENT.

HANDRAIL: TO BE PIPE HANDRAILING AS PER CITY OF OTTAWA STANDARD DETAIL F1 OR APPROVED EQUIVALENT AND AS INDICATED ON ARMOURSTONE RETAINING WALL L7.

BIKE RACK: BIKE RACK TO BE MBR300 BY MAGLIN OR APPROVED EQUIVALENT. BIKE RACK WILL BE SURFACE MOUNTED WITH A GALVANIZED FINISH.

LEGEND

EXISTING COMPONENTS AND REMOVALS
- EXISTING CONIFEROUS TREE TO REMAIN
- EXISTING VEGETATION GROUPING TO REMAIN
- EXISTING VEGETATION ID
- EXISTING TREE TO BE REMOVED
- EXISTING VEGETATION GROUPING TO BE REMOVED
- PROPOSED TREE PROTECTION FENCE REFER TO DETAIL 1/L100

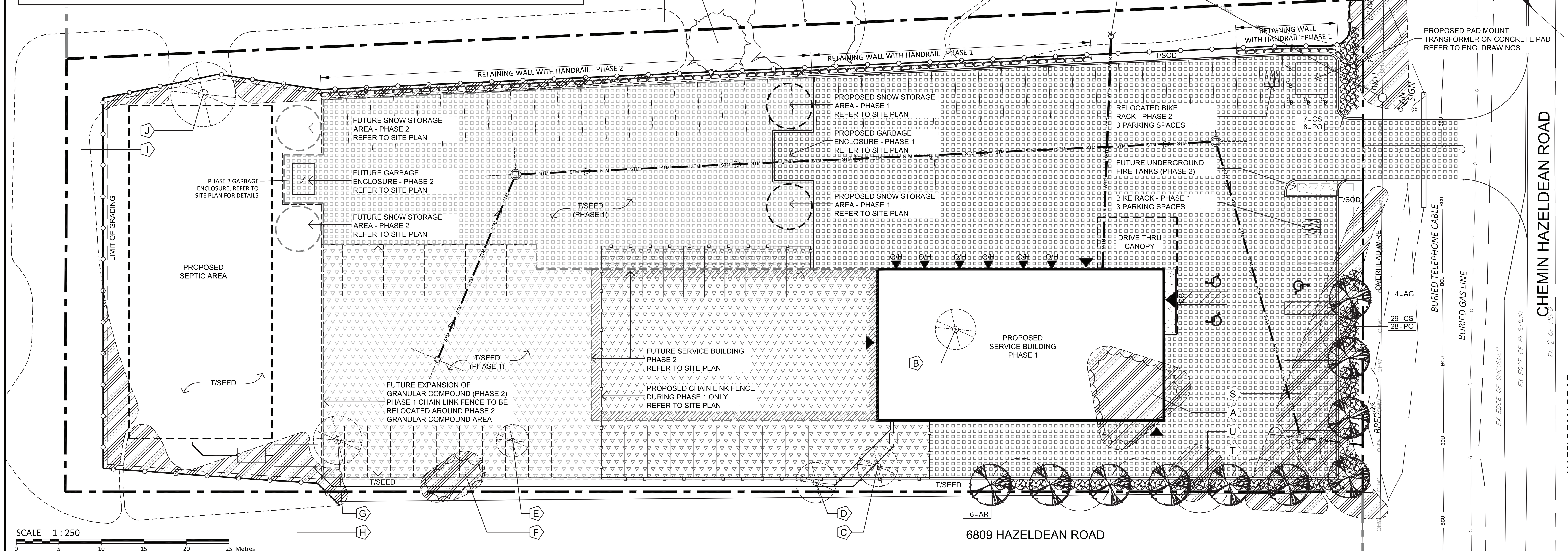
PROPOSED VEGETATION
- PROPOSED DECIDUOUS TREE
- PROPOSED SHRUBS
- # – SYMB: PROPOSED VEGETATION ID
- T/SEED: TOPSOIL AND SEED
- T/SOD: TOPSOIL AND SOD
- PROPERTY LINE

PROPOSED SURFACES
- CONCRETE SIDEWALK
- ASPHALT PAVEMENT - PHASE 1
- ASPHALT PAVEMENT - PHASE 2
- GRANULAR COMPOUND - PHASE 1
- GRANULAR COMPOUND - PHASE 2
- PHASE 2 LIMITS OF DEVELOPMENT REFER TO SITE PLAN
- DC: DEPRESSED CURBS REFER TO GRADING PLAN

OTHER PROPOSED COMPONENTS
- BUILDING ENTRANCE REFER TO SITE PLAN
- ARMOURSTONE RETAINING WALL
- BICYCLE RACK
- PROPOSED CHAIN LINK FENCE REFER TO SITE PLAN

Plant Material List

SYM	Qty	Botanical Name	Common Name	Size	Remarks
DECIDUOUS TREES - Refer to detail 3/L200					
AR	6	Acer rubrum 'Bowhall'	Bowhall Maple	45 mm CAL	W.B.; Planted @ 7000 mm o/c
AG	4	Amelanchier x grandiflora 'Princess Diana'	Princess Diana Serviceberry	50 mm CAL	W.B.; Treeform; Planted @ 7000 mm o/c
DECIDUOUS SHRUBS - Refer to detail 2/L200					
CS	36	Cornus sericea 'Farrow'	Arctic Fire Dodwood	500 mm HT	Potted; Planted @ 1200 mm o/c; Plants to be mixed in with other plant species in same planting bed
PO	36	Physocarpus opulifolius 'Dart's Gold'	Dart's Gold Ninebark	500 mm HT	Potted; Planted @ 1200 mm o/c; Plants to be mixed in with other plant species in same planting bed



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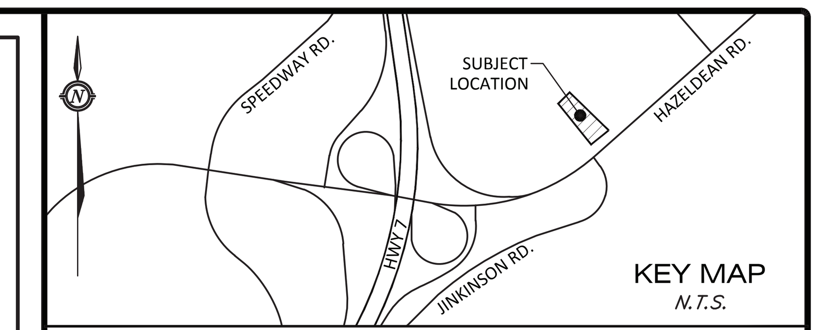
LAST SAVED: Wednesday, August 10, 2016 LAST SAVED BY: ilalonde
LAST PLOTTED: Wednesday, August 10, 2016 CTB FILE USED: ----



DEVELOPER:
KANATA COLLISION
6801 HAZELDEAN ROAD, STITTSVILLE, ONTARIO

APPROVED ☐ REFUSED ☐

THIS _____ DAY OF ____________, 20____

ADAM BROWN, ACTING MANAGER
DEVELOPMENT REVIEW, RURAL SERVICES

LEGAL DESCRIPTION
PART OF LOT 18, CONCESSION 12,
GEOGRAPHIC TOWNSHIP OF GOULBOURN,
CITY OF OTTAWA

GENERAL NOTES
1. THIS DRAWING FORMS PART OF A SET AND MAY NOT BE SEPARATED. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS, NOTES AND SPECIFICATIONS IN THE CONTRACT DOCUMENTS.
2. THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION UNLESS STAMPED AND SIGNED BY THE LANDSCAPE ARCHITECT.
3. ANY AMBIGUITY IN THIS DRAWING OR ACCOMPANYING DETAILS IS TO BE REPORTED TO THE LANDSCAPE ARCHITECT FOR DIRECTION. DO NOT PROCEED IN UNCERTAINTY.
4. DRAWINGS NOT TO BE SCALED. USE FIGURE DIMENSIONS ONLY.
TO BE READ IN CONJUNCTION WITH CONTRACT DOCUMENTS

No.	Revision/Issue	Date
03	REVISED AS PER CITY COMMENTS	AUG/10/2016
02	REVISED AS PER CITY COMMENTS	MAY/16/2016
01	ISSUED FOR SITE PLAN CONTROL APPLICATION	DEC/07/2015
00	ISSUED FOR DISCUSSION	JUL/28/2015

Check and verify all dimensions before proceeding with the work — Do not scale drawings

McINTOSH PERRY
115 Walgreen Road R.R. #3, Carp, ON K0A 1L0
Tel: 613-836-2184 Fax: 613-836-3742

Stamp: ONTARIO ASSOCIATION OF LANDSCAPE ARCHITECTS — ISABELLE L LALONDE — OALA — MEMBER — ILL Aug/10/2016

Stamp:

Client: / Project Manager
BEL-CON DESIGN-BUILDERS LTD.
10 Dundas St. W.
Belleville ON

Project:
6801 HAZELDEAN ROAD
KANATA COLLISION
PROPOSED NEW BUILDING
STITTSVILLE ONTARIO

Drawing Title:
LANDSCAPE PLAN

Scale:	1:250	Project Number:	0CP-14-0428
Drawn by:	ILL		
Checked By:	ILL	Drawing Number:	
Designed By:	ILL		
Date:	JUL/27/2015	SHEET 1of 2	L100

D07-12-15-0191