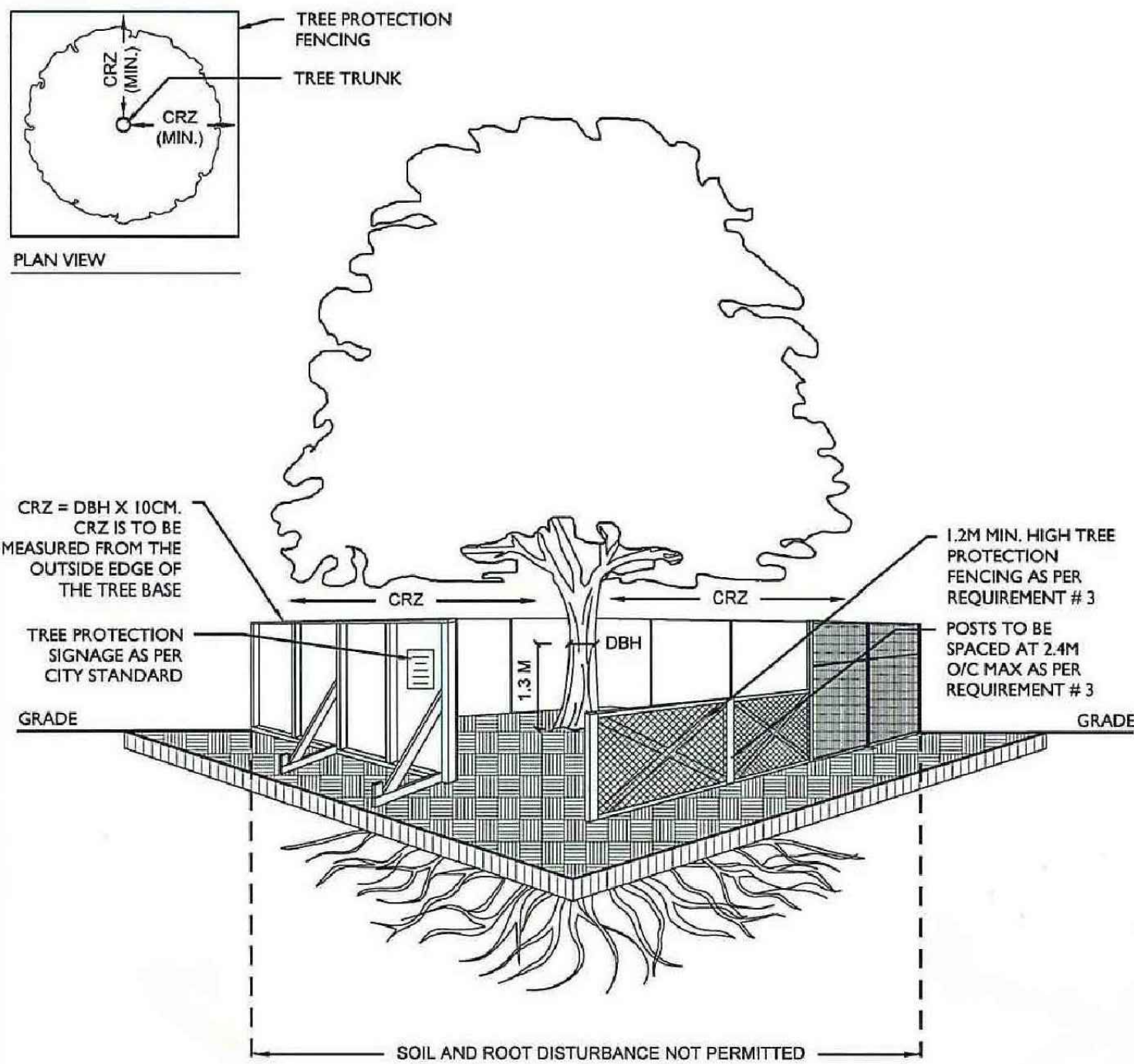


## 1 DEMOLITION AND REMOVAL

### L1 1:200



ACCESSIBLE FORMATS AND COMMUNICATION  
SUPPORTS ARE AVAILABLE, UPON REQUEST

## 2 TREE PROTECTION FENCING

### L1 NTS

#### GENERAL NOTES:

- DO NOT SCALE DRAWINGS;
- NOTES ARE APPLICABLE TO ALL DRAWINGS IN THE SET;
- BASE PLAN AND SURVEY SUPPLIED BY OWNER, *Fotenn Consultants Inc.* IS NOT RESPONSIBLE FOR ACCURACY OF BASE INFORMATION;
- CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH THE FULL SCOPE OF WORK BY REVIEWING ALL DRAWINGS AND SPECIFICATIONS;
- CONTRACTOR IS RESPONSIBLE FOR CONFIRMING SITE CONDITIONS AND REPORTING ANY DISCREPANCIES TO THE PROJECT MANAGER / LANDSCAPE ARCHITECT;
- THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING EXACT LOCATIONS OF ALL UNDERGROUND SERVICES AND OBTAINING CLEARANCE FROM ALL APPLICABLE UTILITIES. PROPOSED WORKS FOUND TO BE IN CONFLICT WITH UNDERGROUND SERVICES MAY BE ADJUSTED AT THE DIRECTION OF THE PROJECT MANAGER / LANDSCAPE ARCHITECT;
- CONTRACTORS SHALL SUBMIT SHOP DRAWINGS AND PRODUCT DATA PER SPECIFICATION;
- ALL WORK IS TO BE DONE IN COMPLIANCE WITH LOCAL CODES;
- PERFORM WORK IN ACCORDANCE WITH DETAILS AND SPECIFICATIONS;
- REFER TO SITE FURNISHINGS SPECIFICATIONS FOR BENCHES, TRASH RECEPTACLES, PICNIC TABLE, SHELTER, AND PARK SIGN.
- BENCH PADS, WASTE RECEPTACLE PADS, AND SHELTER PAD, TO BE INSTALLED PRIOR TO ASPHALT INSTALLATION.
- REFER PLAY EQUIPMENT SPECIFICATION FOR EQUIPMENT TO BE SUPPLIED AND INSTALLED IN PLAY AREA A AND B.
- ALL PLAY EQUIPMENT TO MEET CAN / CSA - Z614 - 07; REFER TO SPECIFICATIONS FOR COMPONENT LIST AND LAYOUT PLANS.
- 1500mm HEIGHT CHAIN LINK FENCE SHALL CONSIST OF 6 GAUGE BLACK VINYL COATED CHAIN LINK MATERIAL AND BLACK POWDER COATED SCHEDULE 40 PIPE RAILS AND POSTS, PER CITY STANDARD DETAIL PB-03. CHAIN LINK FENCE SHALL BE INSTALLED 150mm ON THE PARK SIDE OF THE PROPERTY LINE AND THE LOCATION OF THE FENCE SHALL BE VERIFIED BY AN ONTARIO LAND SURVEYOR AT THE OWNER'S COST. SUBMIT SHOP DRAWINGS FOR REVIEW.
- ALL PLANT MATERIAL SHALL BE No. 1 NURSERY STOCK AND SHALL MEET OR EXCEED THE SPECIFICATION OF THE Canadian Standards for Nursery Stock, AS PUBLISHED BY THE Canadian Nursery Landscape Association;
- SPECIES SUBSTITUTIONS ARE NOT PERMITTED WITHOUT PRIOR WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT;

PRELIMINARY  
NOT FOR CONSTRUCTION

#### TREE PROTECTION REQUIREMENTS:

- PRIOR TO ANY WORK ACTIVITY WITHIN THE CRITICAL ROOT ZONE (CRZ = 10 X DIAMETER) OF A TREE, TREE PROTECTION FENCING MUST BE INSTALLED SURROUNDING THE CRITICAL ROOT ZONE, AND REMAIN IN PLACE UNTIL THE WORK IS COMPLETE.
- UNLESS PLANS ARE APPROVED BY CITY FORESTRY STAFF, FOR WORK WITHIN THE CRZ:
  - DO NOT PLACE ANY MATERIAL OR EQUIPMENT - INCLUDING OUTHOUSES;
  - DO NOT ATTACH ANY SIGNS, NOTICES OR POSTERS TO ANY TREE;
  - DO NOT RAISE OR LOWER THE EXISTING GRADE;
  - TUNNEL OR BORE WHEN DIGGING;
  - DO NOT DAMAGE THE ROOT SYSTEM, TRUNK, OR BRANCHES OR ANY TREE;
  - ENSURE THAT EXHAUST FUMES FROM ALL EQUIPMENT ARE NOT DIRECTED TOWARD ANY TREE CANOPY;
  - DO NOT EXTEND HARD SURFACE OR SIGNIFICANTLY CHANGE LANDSCAPING
- TREE PROTECTION FENCING MUST BE AT LEAST 1.2M IN HEIGHT, AND CONSTRUCTED OF RIGID OR FRAMED MATERIALS (E.G. MODULOC - STEEL, PLYWOOD HOARDING, OR SNOW FENCE ON A 2"x4" WOOD FRAME) WITH POSTS 2.4M APART, SUCH THAT THE FENCE LOCATION CANNOT BE ALTERED. ALL SUPPORTS AND BRACING MUST BE PLACED OUTSIDE OF THE CRZ, AND INSTALLATION MUST MINIMISE DAMAGE TO EXISTING ROOTS. (SEE DETAIL)
- THE LOCATION OF THE TREE PROTECTION FENCING MUST BE DETERMINED BY AN ARBORIST AND DETAILED ON ANY ASSOCIATED PLANS FOR THE SITE (E.G. TREE CONSERVATION REPORT, TREE DISCLOSURE REPORT, ETC). THE PLAN AND CONSTRUCTED FENCING MUST BE APPROVED BY CITY FORESTRY STAFF PRIOR TO THE COMMENCEMENT OF WORK.
- IF THE FENCED TREE PROTECTION AREA MUST BE REDUCED TO FACILITATE CONSTRUCTION, MITIGATION MEASURES MUST BE PRESCRIBED BY AN ARBORIST AND APPROVED BY CITY FORESTRY STAFF. THESE MAY INCLUDE THE PLACEMENT OF PLYWOOD, WOOD CHIPS, OR STEEL PLATING OVER THE ROOTS FOR PROTECTION OR THE PROPER PRUNING AND CARE OF ROOTS WHERE ENCOUNTERED.

#### BY-LAWS

ALL CITY-OWNED TREES ARE PROTECTED UNDER THE MUNICIPAL TREES AND NATURAL AREAS PROTECTION BY-LAW (2006-279). WITHIN THE URBAN AREA, PRIVATELY-OWNED TREES GREATER THAN 50CM DIAMETER ON LOTS 1HA IN SIZE OR LESS, AND TREES GREATER THAN 10CM DIAMETER ON LOTS >1HA, ARE PROTECTED UNDER THE URBAN TREE CONSERVATION BY-LAW (2009-200).

Copyright Reserved  
The Copyrights to all designs and drawings are the property of f.d. fountain landscape architecture.  
Unauthorized reproduction or use is forbidden. DO NOT SCALE DRAWING

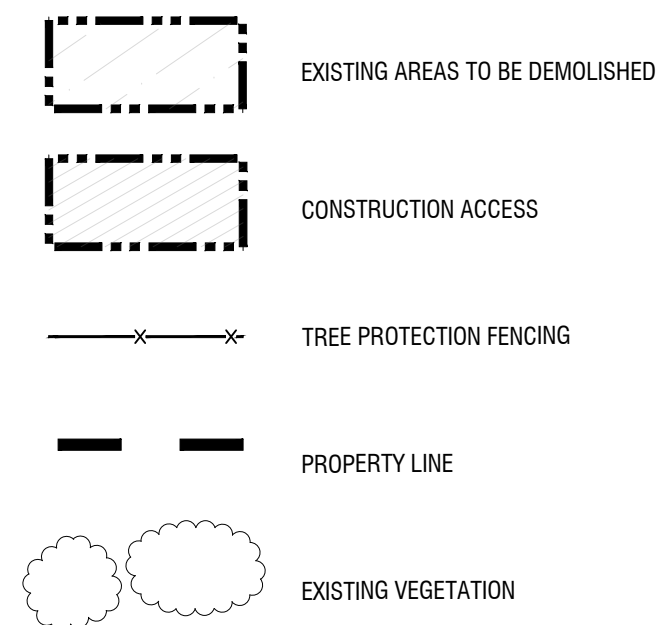
Copyright réservés  
Les droits d'auteur à tous les modèles et dessins sont la propriété de f.d. fountain landscape architecture.  
Reproduction ou utilisation non autorisée est interdite. NE PAS L'ÉCHELLE DE DESSIN

Client / Client

## MANOTICK CULTURE, PARKS AND RECREATION ASSOCIATION

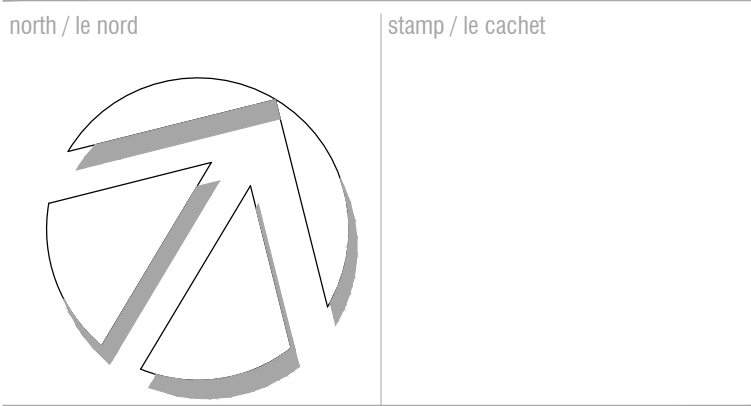
general notes / notes générales

legend / légende



rev'n	description / la description	mm/dd/yyyy
3	Issue for 99% submission	07/03/2020
2	Issue for 90% submission	04/15/2020
1	re-issued for 60% submission	04/07/2020
0	issue for 60% submission	03/30/2020

**FOTENN Planning + Design**  
396 Cooper Street, Suite 300  
Ottawa, ON, CANADA K2P 2H7  
613.730.5709  
fotenn.com



project / projet

## CENTENNIAL PARK RINK AND BASKETBALL COURT

drawing / dessin

## DEMOLITION AND REMOVAL

designed / conçu	drawn / dessiné	reviewed / examiné
SM/ DF/ ST	SM/ ST	DF
date	project number / No. du projet	
MARCH 2020	E 18-124	
drawing number / No. du dessin		

L1 of 4





1

LANDSCAPE PLAN

L2

1:200

PLANTING SCHEDULE				
KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE / CONDITION / SPACING
DECIDUOUS TREES				
AF	3	Acer x freemanii	Freeman's Maple	70mm cal. / W.B.
GT	4	Gleditsia triacanthos var. inermis 'shademaster'	Shademaster Honeylocust	70mm cal. / W.B.
QR	4	Quercus rubra	Red Oak	70mm cal. / W.B.

- LAYOUT AND GRADING NOTES:**
- ROUGH AND FINISHED GRADING TO BE COMPLETED IN ACCORDANCE WITH SPECIFICATIONS.
  - PARK SHALL BE BACK FILLED WITH NATIVE APPROVED MATERIAL IN MAX. 300mm THICK LIFTS AND COMPACTED TO THE FOLLOWING DENSITIES PER THE EARTHWORK AND RELATED SPECIFICATION:
    - 95% TO UNDERSIDE OF BASE COURSES
    - 85% IN SOFTSCAPE AREAS
  - CONTRACTOR WILL BE RESPONSIBLE FOR EXCAVATING AND REMOVING MATERIAL AS REQUIRED TO CONSTRUCT SURFACE BASES AND TREE PITS. EXCESS MATERIAL MAY BE USED ON-SITE FOR LANDFORMING AS DIRECTED BY LANDSCAPE ARCHITECT.
  - LAYOUT AND ELEVATIONS TO BE APPROVED BY THE LANDSCAPE ARCHITECT/ PROJECT MANAGER PRIOR TO EXCAVATION.
  - MAX 3:1 SLOPE ON ALL SOFT SURFACES.
  - INSTALL APPROVED EROSION CONTROL FABRIC BENEATH GRATES OF ALL DRAINAGE STRUCTURES PRIOR TO COMMENCEMENT OF WORK.
  - INSTALL 1.8 m HIGH, 2x4 ORANGE PAINTED MARKING POSTS AT ALL AREA DRAINS AND CATCH BASINS PRIOR TO COMMENCEMENT OF WORK.
  - CONTRACTOR SHALL ADJUST GRADES AND ELEVATIONS AS PER SPECIFICATIONS.
  - ALL SUBDRAIN CONNECTIONS AND AREA DRAINS ARE TO BE FACTORY WELDED OR FIELD ASSEMBLED USING MANUFACTURER SUPPLIED / RECOMMENDED COUPLINGS, END CAPS, FITTINGS, ELBOWS, JOINTS, ADHESIVES, ETC.
  - AREA DRAINS SHALL BE INSTALLED BE THE CITY'S STANDARD DETAIL S30-CB-T FOR REAR YARD, DITCHED PIPE AND LANDSCAPING APPLICATIONS, AND SHALL INCLUDE A 450mm DEPTH SUMP.
  - CATCH BASIN / MANHOLE SHALL BE A PRE-CAST CONCRETE CATCH BASINS TO OPSD 705.010., PER SITE SERVICING DRAWINGS, INSTALLED BY OTHERS.
  - REFER TO SITE SERVICING PLANS FOR INVERT ELEVATIONS OF CATCH BASINS.
  - WATER METER CHAMBER BY OTHERS.

Copyright Reserved  
The Copyrights to all designs and drawings are the property of f.d. fountain landscape architecture.  
Unauthorized reproduction or use is forbidden. DO NOT SCALE DRAWING

Copyright réservés  
Les droits d'auteur à tous les modèles et dessins sont la propriété de f.d. fountain landscape architecture.  
Reproduction ou utilisation non autorisée est interdite. NE PAS L'ÉCHELLE DE DESSIN

Client / Client

MANOTICK CULTURE,  
PARKS AND RECREATION  
ASSOCIATION

general notes / notes générales

legend / légende	
	PROPERTY LINE
	EXTENT OF EXFILTRATION TRENCH
	TREE PROTECTION FENCING
	EXISTING CONTOUR LINES (0.25m INTERVAL)
	PROPOSED CONTOURS
	PROPOSED SPOT ELEVATIONS
	DIRECTION / APPROX. PERCENTAGE OF PROPOSED SLOPE
	BASKETBALL GOAL - REFER TO 1-L3
	PLAYERS BENCHES - REFER TO SPECIFICATIONS
	PROPOSED H.D. ASPHALT
	TOPSOIL (150mm DEPTH) & SOD REINSTATEMENT ON ALL DISTURBED AREAS
	PROPOSED DECIDUOUS TREE / TABLE - SEE PLANTING SCHEDULE

3	Issue for 99% submission	07/03/2020
2	Issue for 90% submission	04/15/2020
1	re-issued for 60% submission	04/07/2020
0	issue for 60% submission	03/30/2020
rev'n	description / la description	mm/dd/yyyy

**FOTENN** Planning + Design

396 Cooper Street, Suite 300  
Ottawa, ON, CANADA K2P 2H7

613.730.5709  
fotenn.com

north / le nord

stamp / le cachet

project / projet

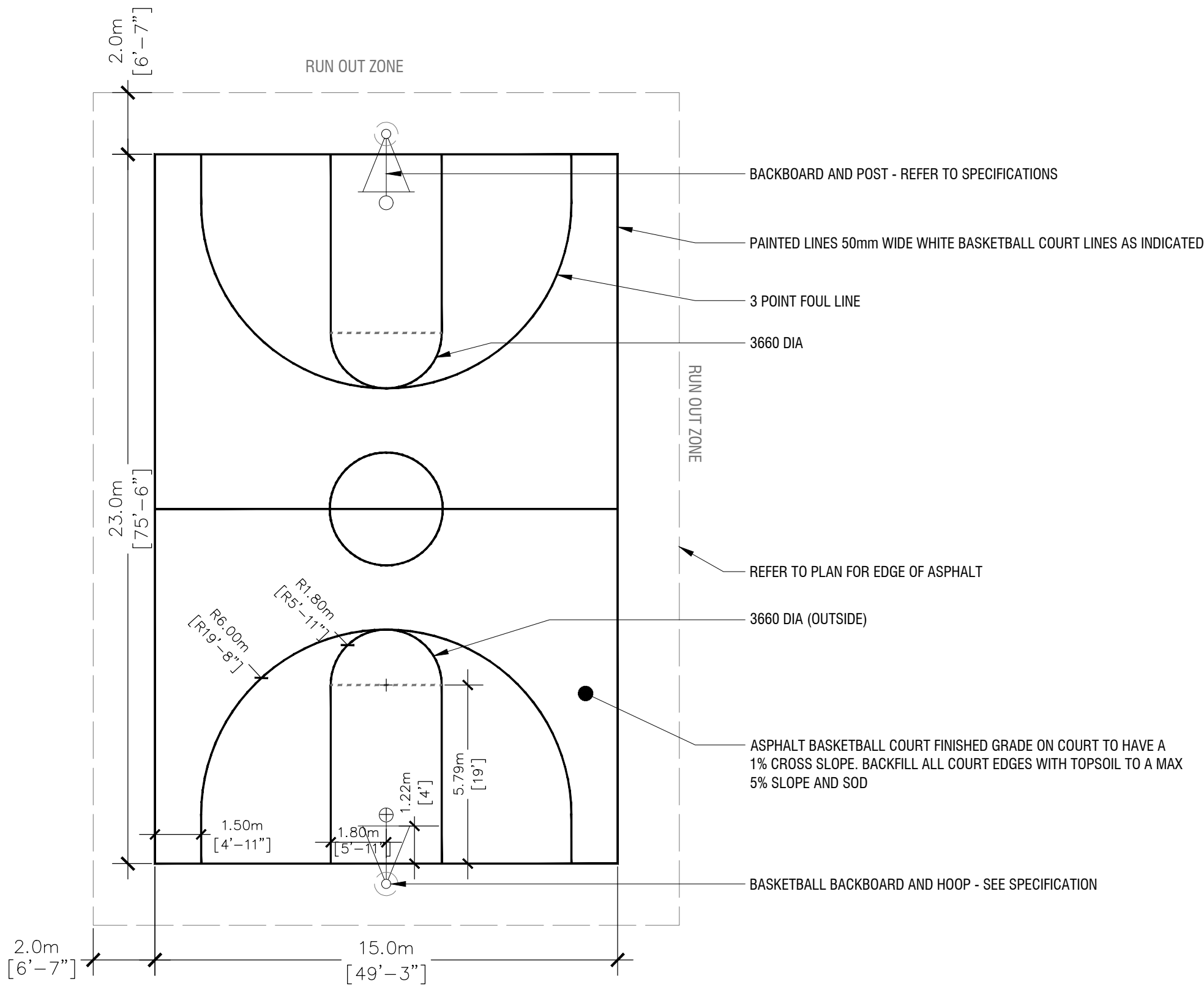
CENTENNIAL PARK RINK AND  
BASKETBALL COURT

drawing / dessin

LAYOUT AND GRADING

designed / conçu	drawn / dessiné	reviewed / examiné
SM/ DF/ ST	SM/ ST	DF
date	project number / No. du projet	
MARCH 2020	E 18-124	
drawing number / No. du dessin		

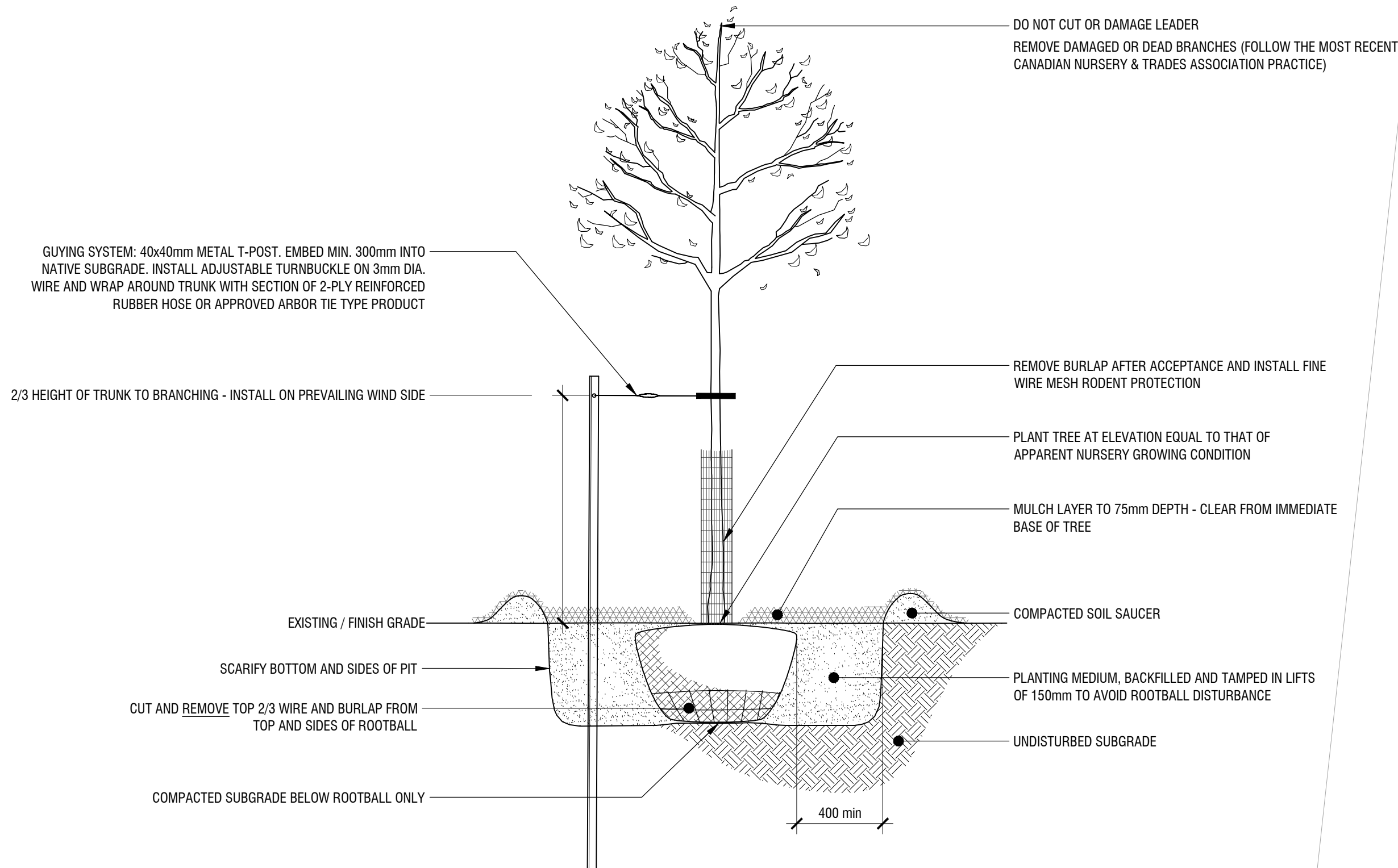




NOTES:

1. ALL MEASUREMNETS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. LINE PAINTING TO BE FLINTKOTE FLINTGUARD 620-20 WHITE TRAFFIC COATING. COURT MARKING ARE TO INSIDE OF PAINTLINES, UNLESS INDICATED OTHERWISE. PAINTED LINES TO BE 50mm WIDE.
3. OVERALL CROSS SLOPE TO BE A MINIMUM 1.5%.
4. HL3 FINE ASPHALT WITH MIN. 300mm GRANULAR 'A' COMPACTED BASE AND FILTER CLOTH, IF REQUIRED.
5. RIM HEIGHT 3048 (10') AND RIM TYPE TO BE A HEAVY DUTY DOUBLE RING RIM.
6. FOOTING DEPTH FOR NET POST 1500 MINIMUM.

1  
L4  
MODIFIED CITY STANDARD BASKETBALL COURT MARKINGS  
n.t.s.



2  
L4  
DECIDUOUS TREE PLANTING  
n.t.s.

Copyright Reserved  
The Copyrights to all designs and drawings are the property of f.d. fountain landscape architecture.  
Unauthorized reproduction or use is forbidden. DO NOT SCALE DRAWING

Copyright réservés  
Les droits d'auteur à tous les modèles et dessins sont la propriété de f.d. fountain landscape architecture.  
Reproduction ou utilisation non autorisée est interdite. NE PAS L'ÉCHELLE DE DESSIN

Client / Client

MANOTICK CULTURE,  
PARKS AND RECREATION  
ASSOCIATION

general notes / notes générales

legend / légende

2	Issue for 90% submission	07/03/2020
1	re-issued for 60% submission	04/07/2020
0	issue for 60% submission	03/30/2020
rev'n	description / la description	mm/dd/yyyy

**FOTENN** Planning  
+ Design  
396 Cooper Street, Suite 300  
Ottawa, ON, CANADA K2P 2H7  
613.730.5709  
fotenn.com

north / le nord	stamp / le cachet

project / projet

CENTENNIAL PARK RINK AND  
BASKETBALL COURT

drawing / dessin

LANDSCAPE DETAILS

designed / conçu <b>SM/ DF/ ST</b>	drawn / dessiné <b>SM/ ST</b>	reviewed / examiné <b>DF</b>
date <b>MARCH 2020</b>	project number / No. du projet <b>E 18-124</b>	

drawing number / No. du dessin

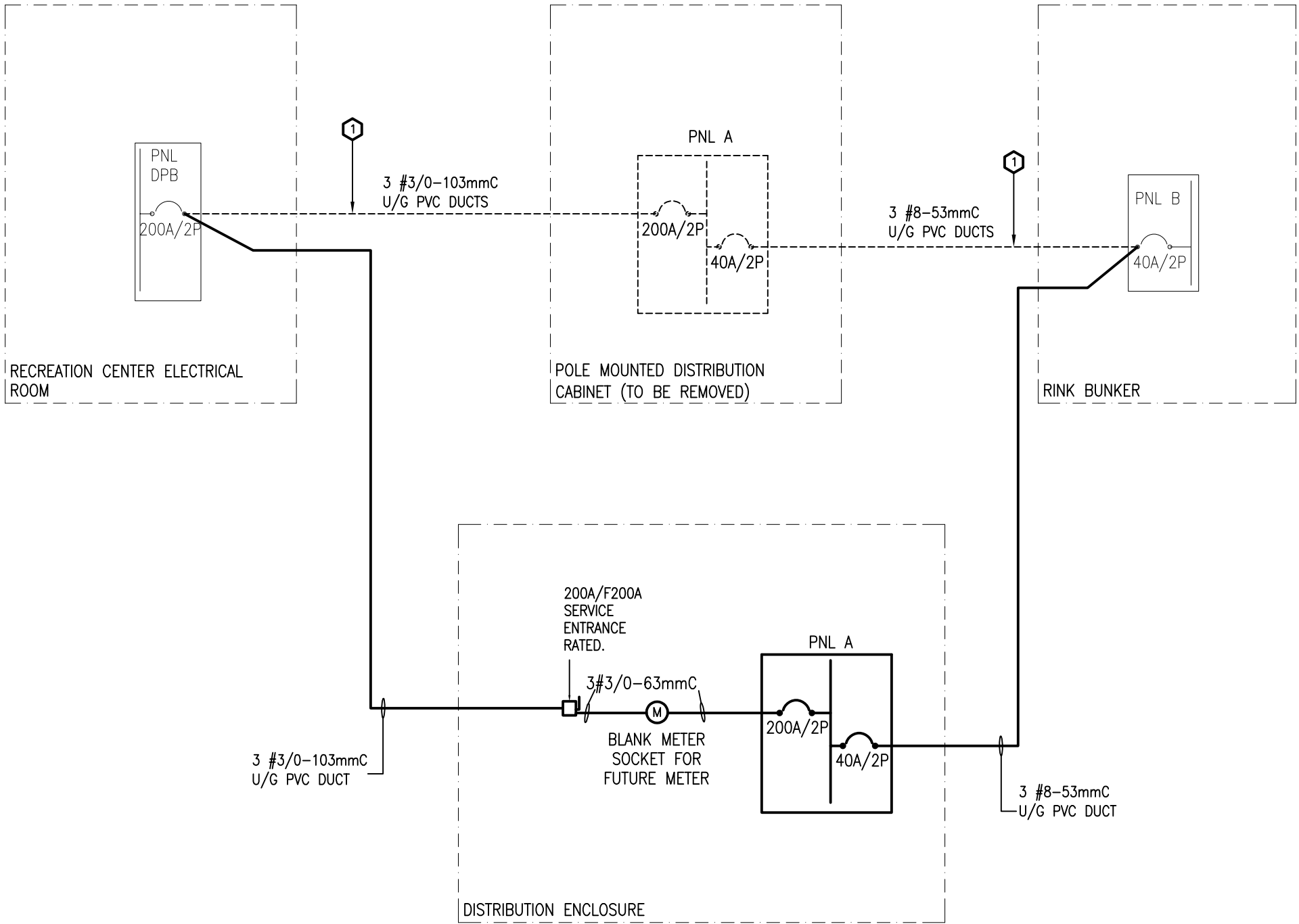
L4 of 4

DRAWING NOTES

Ⓢ PULL BACK AND REMOVE REDUNDANT WIRING.  
ABANDON DUCT.

LEGEND

— DENOTES PROVIDE NEW EQUIPMENT  
— DENOTES EXISTING EQUIPMENT TO REMAIN  
- - - - - DENOTES REMOVE/RELOCATE EXISTING EQUIPMENT



1  
E-1 PARTIAL SINGLE LINE DIAGRAM  
N.T.S.

REMOVE	EXISTING TO REMAIN	NEW AND/OR RELOCATED	ELECTRICAL LEGEND
			LIGHT FIXTURE. LETTER DENOTES TYPE.
			EXTERIOR LIGHT STANDARD FIXTURE. LETTER DENOTES TYPE.
			120V OCCUPANCY SENSOR.
			SPECIAL RECEPTACLE AS NOTED. 20A, 120V, 5-20R DUPLEX RECEPTACLE U.O.N.
			SURFACE MOUNTED ELECTRICAL PANEL.
			ELECTRIC FORCE FLOW HEATING UNIT.
			BREAKER
			DISCONNECT SWITCH.
			UTILITY METER.
			PUSH BUTTON
ABBREVIATIONS: GFI - GROUND FAULT INTERRUPTER WP - WEATHER PROOF U.O.N. - UNLESS OTHERWISE NOTED C - CEILING MOUNTED RV - REMOVE EXISTING DEVICE			N.T.S. - NOT TO SCALE N.I.C. - NOT IN CONTRACT C/W - COMPLETE WITH RL - DENOTES EXISTING ITEM TO BE RELOCATED IN NEW POSITION

ELECTRICAL DRAWING LIST

DWG. #	DESCRIPTION
E-1	ELECTRICAL: LEGEND AND DRAWING LIST
E-2	ELECTRICAL: DETAILS
E-3	ELECTRICAL: DETAILS
E-4	ELECTRICAL: SYSTEMS

THESE DESIGN DOCUMENTS ARE PREPARED SOLELY FOR THE USE BY THE PARTY WITH WHOM THE DESIGN PROFESSIONAL HAS ENTERED INTO A CONTRACT AND THERE ARE NO REPRESENTATIONS OF ANY KIND MADE BY THE DESIGN PROFESSIONAL TO ANY PARTY WITH WHOM THE DESIGN PROFESSIONAL HAS NOT ENTERED INTO A CONTRACT.

THE PAPER COPY OF THE DRAWINGS ISSUED FOR BUILDING PERMIT AND/OR TENDER WILL TAKE PRECEDENCE OVER ELECTRONIC COPIES.


1.	ISSUED FOR TENDER REVIEW	JUN 5/20
REVISION No.	DESCRIPTION	DATE

R.J. McKEE  
ENGINEERING LTD.  
1785 Woodward Drive  
Ottawa, ON K2C 0P9  
CANADA  
Tel.:(613) 723-9585  
Fax.:(613) 723-9584  
www.mckeeottawa.ca

PROJECT:  
CENTENNIAL PARK  
5572 DR LEACH DRIVE  
MANOTICK  
OTTAWA, ON

DRAWING:  
ELECTRICAL:  
LEGEND AND DRAWING LIST

	DATE: JUNE 2020
	DESIGNED BY: M.C.
	DRAWN BY: M.C.
	CHECKED BY: G.O.M.
SCALE: N.T.S.	
No. DWGS. 4	DRAWING No.
PROJECT No. 20104	E-1



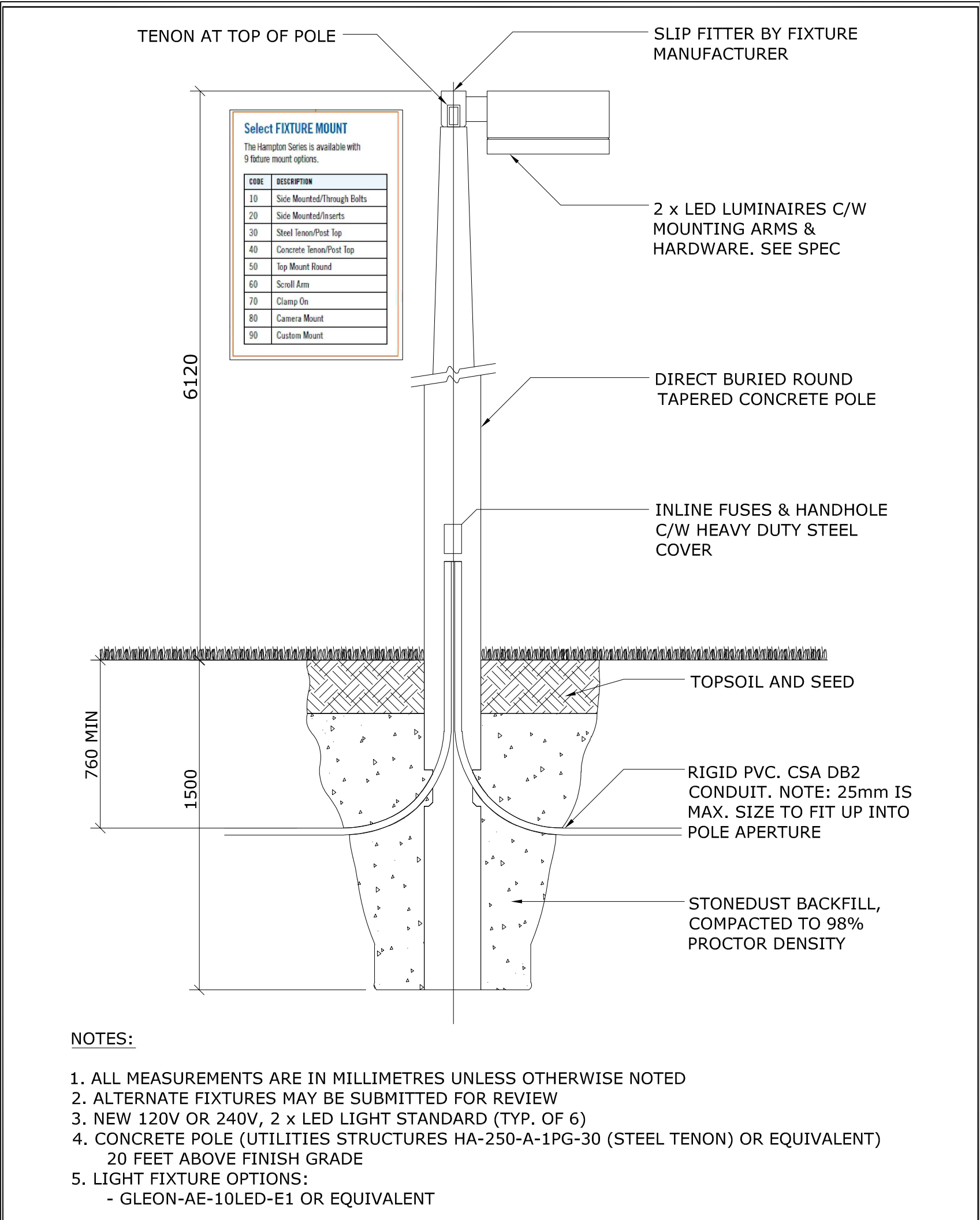


20104

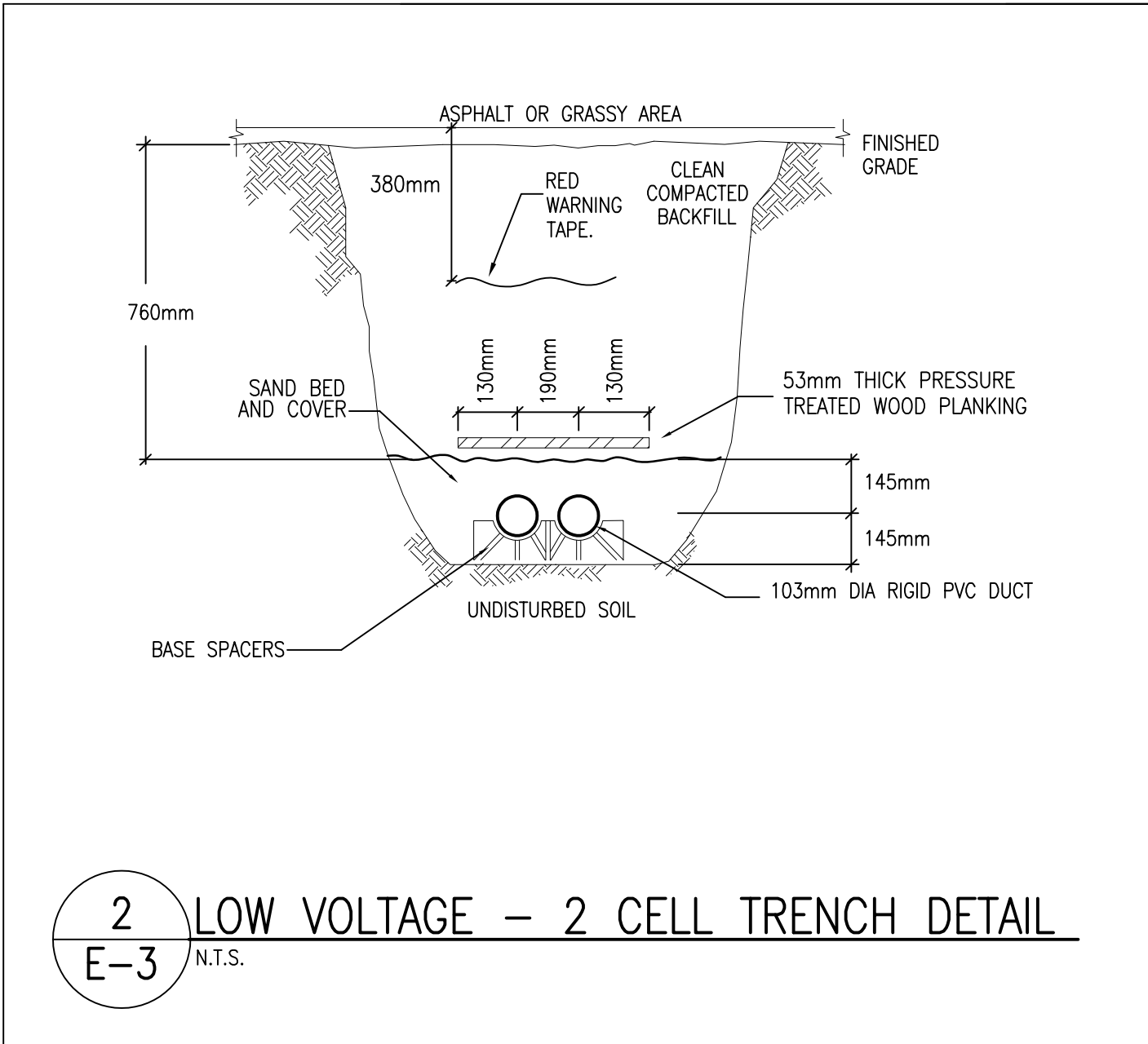
E-2

THESE DESIGN DOCUMENTS ARE PREPARED SOLELY FOR THE USE BY THE PARTY WITH WHOM THE DESIGN PROFESSIONAL HAS ENTERED INTO A CONTRACT AND THERE ARE NO REPRESENTATIONS OF ANY KIND MADE BY THE DESIGN PROFESSIONAL TO ANY PARTY WITH WHOM THE DESIGN PROFESSIONAL HAS NOT ENTERED INTO A CONTRACT.

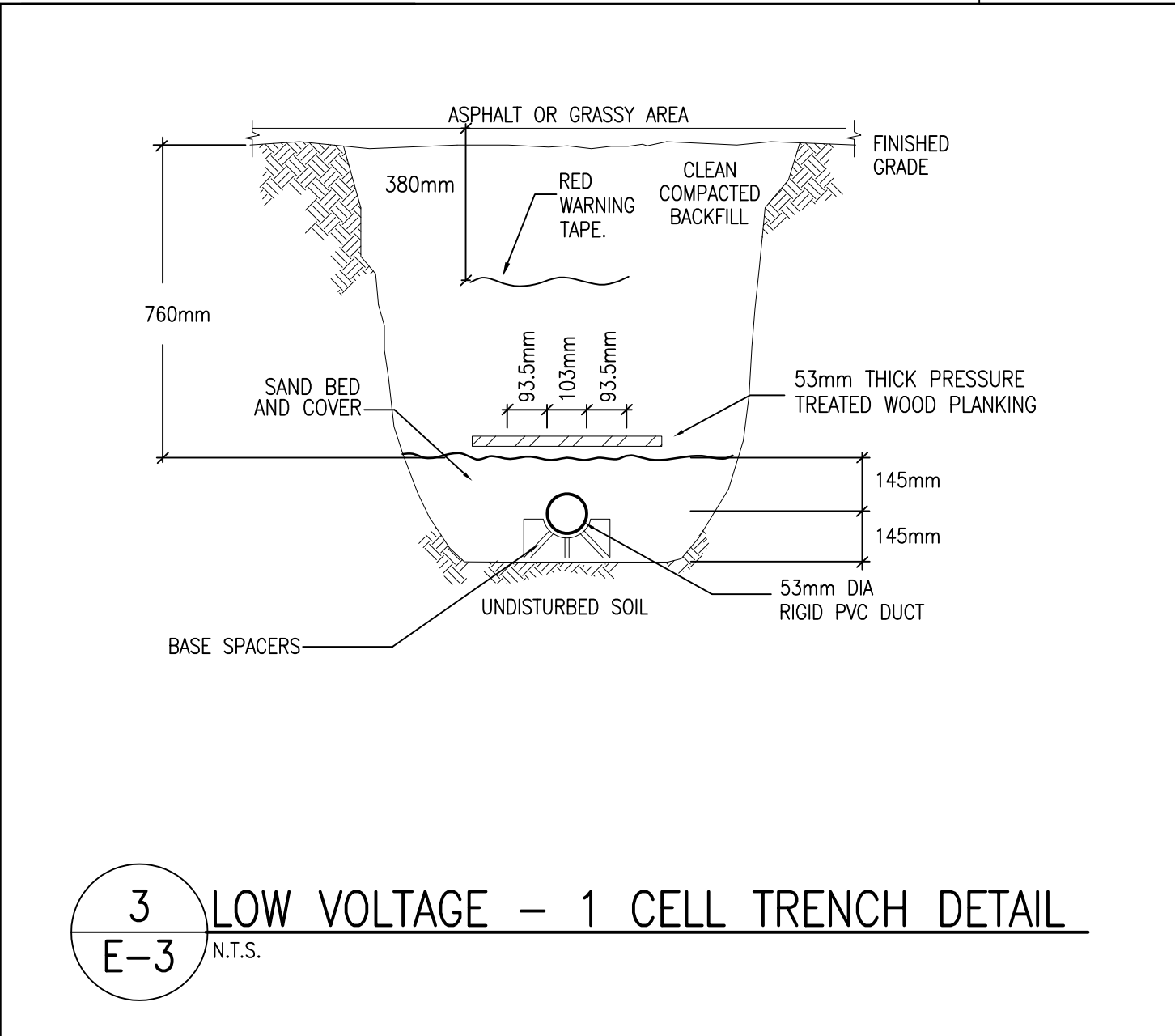
THE PAPER COPY OF THE DRAWINGS ISSUED FOR BUILDING PERMIT AND/OR TENDER WILL TAKE PRECEDENCE OVER ELECTRONIC COPIES.



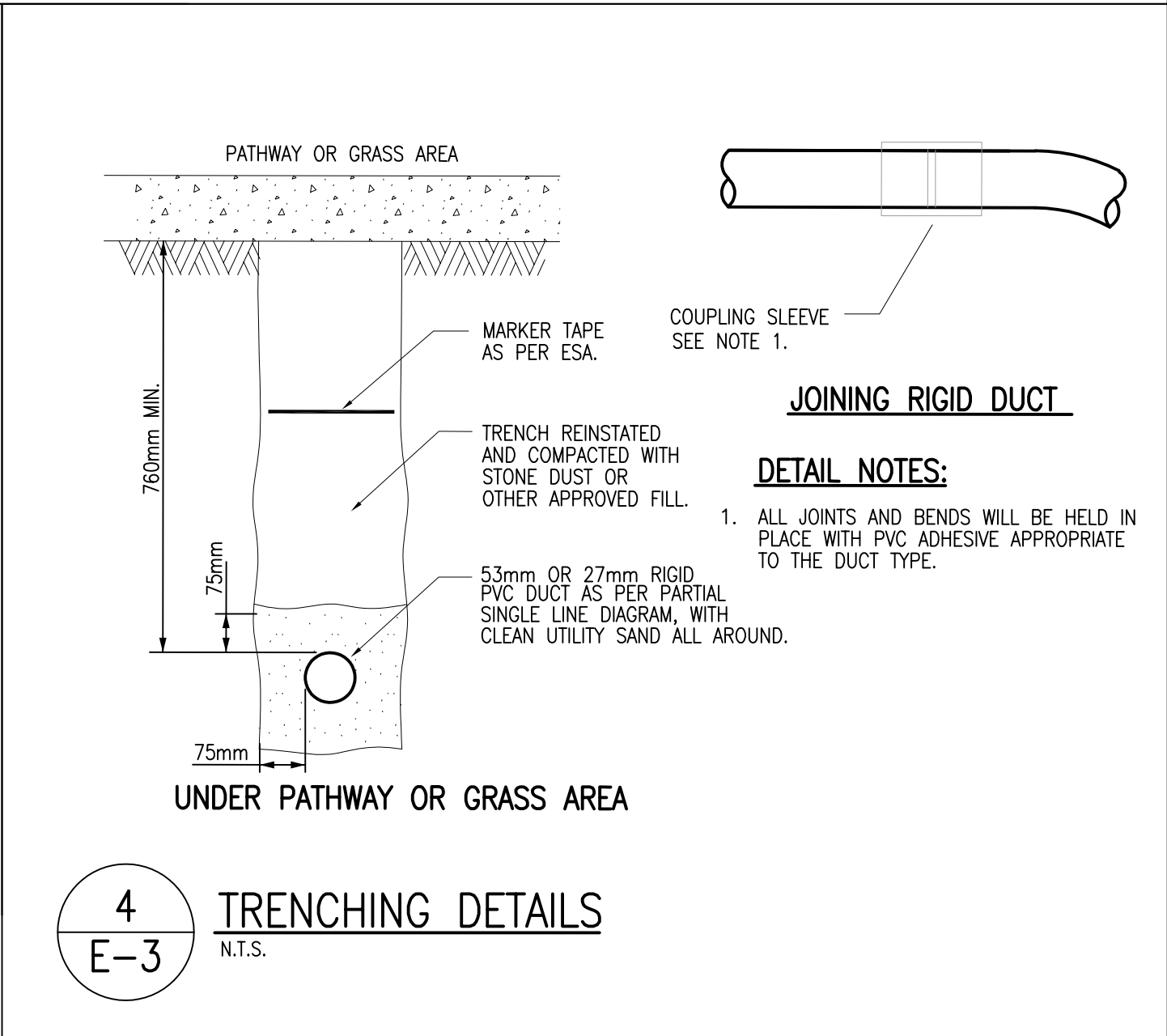
1  
E-3  
TYPICAL DIRECT BURIED POLE DETAIL -  
RINK  
N.T.S.



2  
E-3  
LOW VOLTAGE - 2 CELL TRENCH DETAIL  
N.T.S.



3  
E-3  
LOW VOLTAGE - 1 CELL TRENCH DETAIL  
N.T.S.



4  
E-3  
TRENCHING DETAILS  
N.T.S.

1.	ISSUED FOR TENDER REVIEW	JUN 5/20
REVISION No.	DESCRIPTION	DATE

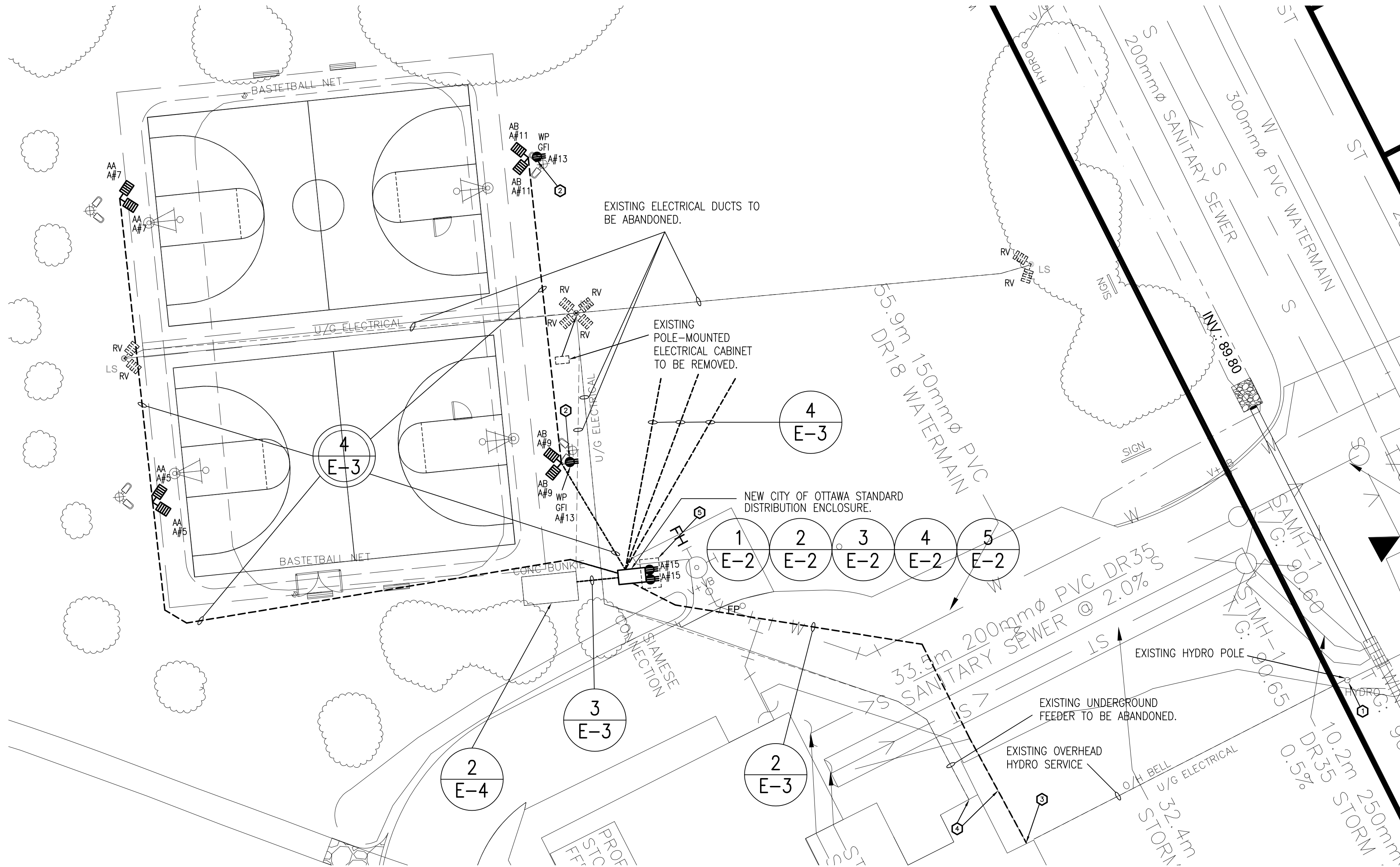
**McKee ENGINEERING**  
R.J. McKee  
ENGINEERING LTD.  
1785 Woodward Drive  
Ottawa, ON K2C 0P9  
CANADA  
Tel: (613) 723-9585  
Fax: (613) 723-9584  
www.mckeeottawa.ca

PROJECT:  
CENTENNIAL PARK  
5572 DR LEACH DRIVE  
MANOTICK  
OTTAWA, ON

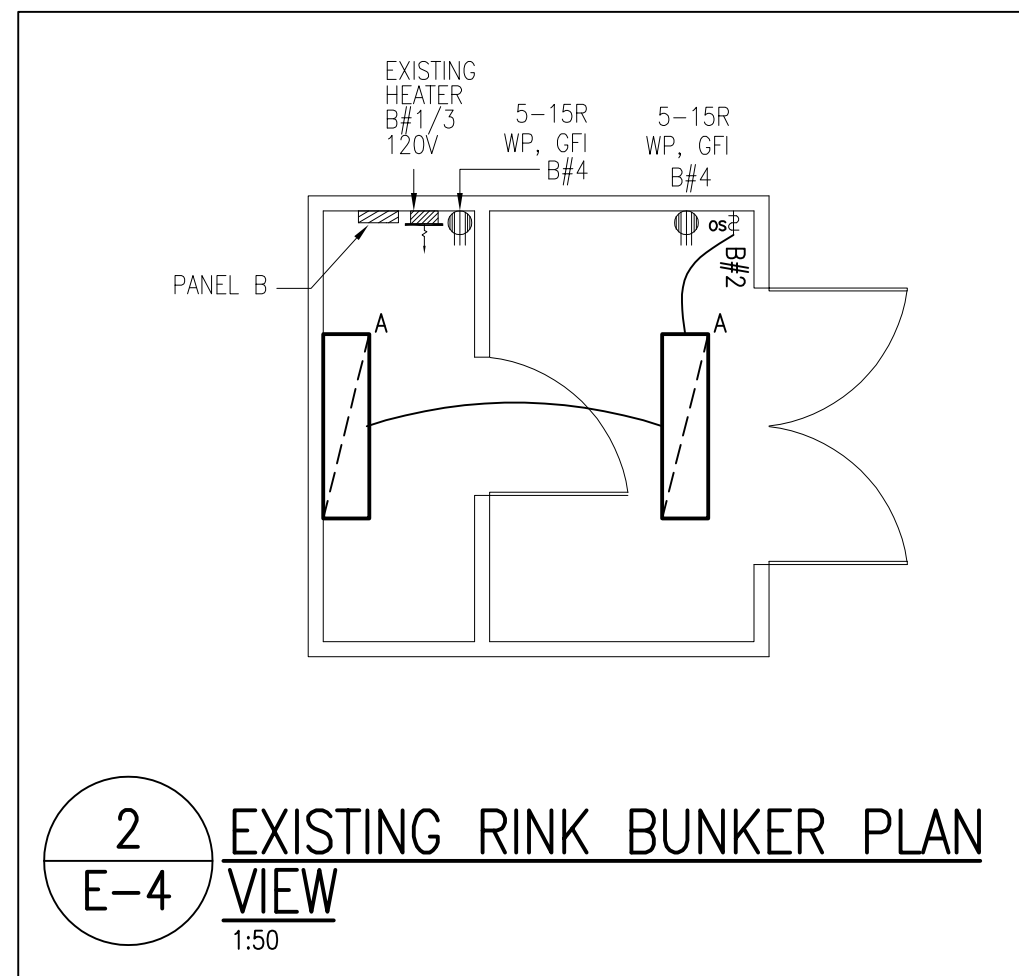
DRAWING:  
ELECTRICAL:  
DETAILS

	DATE: JUNE 2020
	DESIGNED BY: M.C.
	DRAWN BY: M.C.
	CHECKED BY: G.O.M.
	SCALE: N.T.S.
No. DWGS. 4	DRAWING No.
PROJECT No. 20104	E-3





1  
E-4  
SYSTEMS  
1:200



LIGHTING FIXTURE SCHEDULE							
TYPE	DESCRIPTION	LAMPS	LED DIMMING DRIVER	DIMMING RANGE	VOLT	MOUNTING	REMARKS
A	1220mm FLUORESCENT ENCLOSED AND GASKETED LIGHT FIXTURE. AIMLITE "VP4" SERIES.	2-32W T8			120	SURFACE CEILING MOUNTED	- FIXTURE HEIGHT OF 95.25mm - WET LOCATION CERTIFIED
AA	LED LIGHT STANDARD EQUAL TO EATON "GALLEON" SERIES	323W LED			120	ARM MOUNT ON POLE	- REFER TO CITY OF OTTAWA DETAIL PE-06 REFERENCED IN THE CITY OF OTTAWA PARK AND PATHWAY DEVELOPMENT MANUAL FOR GENERAL INSTALLATION GUIDELINES - TYPE III DISTRIBUTION, 4000°K, 39718 LUMENS - CONFIRM FINISH WITH ARCHITECT - FULL CUT-OFF - ROUND CONCRETE POLE, UTILITIES STRUCTURES HA-250-A-1PG-30.
AB	LED LIGHT STANDARD EQUAL TO EATON "GALLEON" SERIES	323W LED			120	ARM MOUNT ON POLE	- REFER TO CITY OF OTTAWA DETAIL PE-06 REFERENCED IN THE CITY OF OTTAWA PARK AND PATHWAY DEVELOPMENT MANUAL FOR GENERAL INSTALLATION GUIDELINES - TYPE III DISTRIBUTION, 4000°K, 39718 LUMENS - CONFIRM FINISH WITH ARCHITECT - FULL CUT-OFF - ROUND CONCRETE POLE, UTILITIES STRUCTURES HA-250-A-1PG-30. - C/W WEATHERPROOF, GASKETED, 5-20R, GFI RECEPTACLE INSTALLED AT 400mm ABOVE GRADE AS SHOWN ON DRAWING E-4.

GENERAL NOTES

- APPROXIMATE LOCATION OF NEW, EXISTING AND ABANDONED SERVICES AND EQUIPMENT SHOWN ON DRAWINGS. CONFIRM FINAL LOCATIONS ON SITE PRIOR TO COMMENCING WORK.

DRAWING NOTES

- APPROXIMATE LOCATION OF EXISTING HYDRO TRANSFORMERS SERVING BUILDING.
- INSTALL RECEPTACLE IN RECESSED BOX LOCATED WITHIN LIGHT STANDARD.
- PROVIDE NEW PENETRATION IN BUILDING WALL TO RECREATION CENTRE ELECTRICAL ROOM FOR NEW UNDERGROUND FEEDER.
- REMOVE EXISTING FEEDER FOR PANEL "A" BACK TO 200A SOURCE IN PANEL "DBP". CONDUIT TO BE ABANDONED. RE-USE 200A SOURCE TO FEED NEW PANEL "A" THROUGH NEW UNDERGROUND DUCTS AS SHOWN.
- INSTALL RECEPTACLES WITHIN KIOSK MOUNTED SHROUD AS SHOWN ON DRAWING E-2.

PANEL A-(NEW C/W 200A MAIN BREAKER)									
20 CIRCUITS	120/240V	1 PH	3 W	200 MAINS	SURFACE MOUNTED				
ENCLOSURE DESCRIPTION	BR	CIR	A	B	CIR	BR	DESCRIPTION		
EXISTING LOAD	15	1			2	40	PANEL B		
	2P	3			4	2P			
COURT LIGHTING	20	5			6	30	EXISTING LOAD		
COURT LIGHTING	20	7			8	2P			
COURT LIGHTING	20	9			10	30	EXISTING LOAD		
COURT LIGHTING	20	11			12	2P			
LIGHT POLE RECEPTACLES	20	13			14	20	SPARE		
KIOSK RECEPPTS	20	15			16	20	SPARE		
SPACE		17			18		SPACE		
SPACE		19			20		SPACE		

PROVIDE ALL NEW BREAKERS

PANEL B-(EXISTING C/W 40A MAIN BREAKER)									
20 CIRCUITS	120/240V	1 PH	3 W	100 MAINS	SURFACE MOUNTED				
DESCRIPTION	BR	CIR	A	B	CIR	BR	DESCRIPTION		
UNIT HEATER - 2000	15	1			2	15	BUNKER LIGHTING		
	2P	3			4	15	BUNKER RECEPTACLES		
SPARE	15	5			6	15	SPARE		
SPACE		7			8		SPACE		
SPACE		9			10		SPACE		
SPACE		11			12		SPACE		
SPACE		13			14		SPACE		
SPACE		15			16		SPACE		
SPACE		17			18		SPACE		
SPACE		19			20		SPACE		

\* - DENOTES TO PROVIDE NEW BREAKER

THESE DESIGN DOCUMENTS ARE PREPARED SOLELY FOR THE USE BY THE PARTY WITH WHOM THE DESIGN PROFESSIONAL HAS ENTERED INTO A CONTRACT AND THERE ARE NO REPRESENTATIONS OF ANY KIND MADE BY THE DESIGN PROFESSIONAL TO ANY PARTY WITH WHOM THE DESIGN PROFESSIONAL HAS NOT ENTERED INTO A CONTRACT.

THE PAPER COPY OF THE DRAWINGS ISSUED FOR BUILDING PERMIT AND/OR TENDER WILL TAKE PRECEDENCE OVER ELECTRONIC COPIES.

**McKEE ENGINEERING**  
R.J. McKEE  
ENGINEERING LTD.  
1785 Woodward Drive  
Ottawa, ON K2C 0P9  
CANADA  
Tel.:(613) 723-9585  
Fax.:(613) 723-9584  
www.mckeeottawa.ca

PROJECT:  
CENTENNIAL PARK  
5572 DR LEACH DRIVE  
MANOTICK  
OTTAWA, ON

DRAWING:  
ELECTRICAL:  
SYSTEMS

DATE: JUNE 2020  
DESIGNED BY: M.C.  
DRAWN BY: M.C.  
CHECKED BY: G.O.M.  
SCALE: AS SHOWN

No. DWGS. 4  
PROJECT No.  
20104

DRAWING No.  
E-4