



EDS GROUP INC.
LANDSCAPE ARCHITECT
LEAD CONSULTANT



V3 COMPANIES OF CANADA
CIVIL ENGINEERING CONSULTANT



WILLIAMS ENGINEERING STRUCTURAL/ELECTRICAL ENGINEERING CONSULTANT

# **LIST OF DRAWINGS:**

# LANDSCAPE ARCHITECTURAL

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# CIVIL ENGINEERING - V3 COMPANIES OF CANADA

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C500 STANDARD DETAILS

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# ELECTRICAL ENGINEERING - WILLIAMS ENGINEERING

E1 ELECTRICAL PLAN

E1 ELECTRICAL PLAN
E2 ELECTRICAL SCHEDULES

ELECTRICAL DETAILS

E4 ELECTRICAL DETAILS CONTINUED

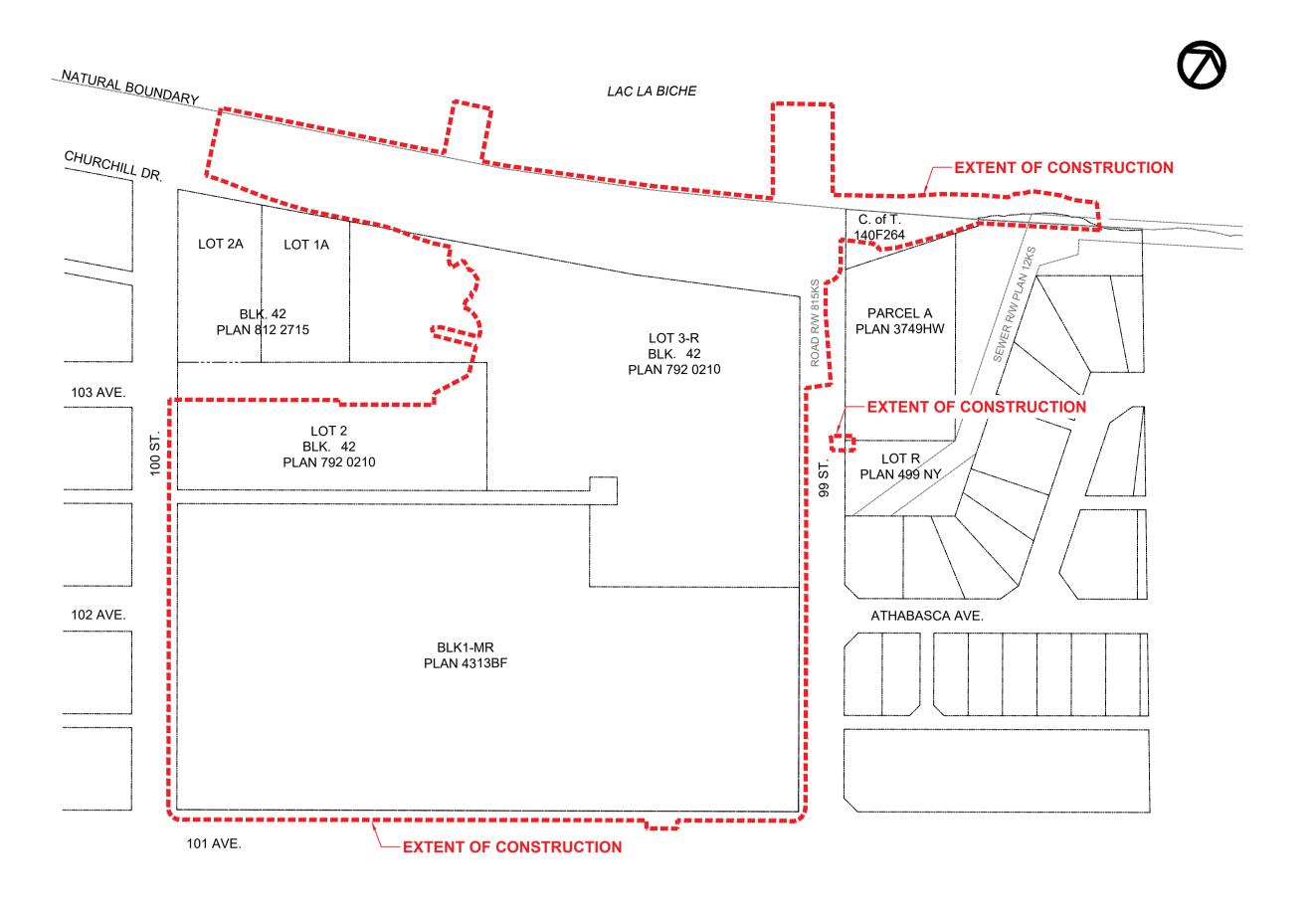
E4 ELECTRICAL SPECIFICATIONS



# MCARTHUR PARK

# PHASE 2 CONSTRUCTION

ISSUED FOR TENDER MARCH 11, 2024





# LAYOUT NOTES:

#### SITE WORK

- 1. CONTRACTOR TO CALL ALBERTA ONE- CALL AT 1-800-242-3447 TO HAVE EXISTING UTILITIES LOCATED PRIOR TO START OF ANY CONSTRUCTION ACTIVITIES.
- 2. CONTRACTOR IS TO VISIT THE SITE TO CONFIRM ALL SITE CONDITIONS PRIOR TO SUBMITTING BIDS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE LANDSCAPE CONSULTANT FOR CLARIFICATION.
- 3. CONTRACTOR IS RESPONSIBLE FOR THE HOARDING OF ALL TREES WITHIN OR ADJACENT TO CONSTRUCTION AREAS.
- 4. CONTRACTOR IS RESPONSIBLE FOR THE ADJUSTMENT OF ALL EXISTING CATCHBASINS, CATCHBASIN MANHOLES, MANHOLES, WATER VALVES, HYDRANTS, ETC. TO MATCH PROPOSED GRADES.
- 5. CONTRACTOR IS RESPONSIBLE FOR HAULING OF ALL EXCESS MATERIALS OFF THE SITE TO A LOCATION DESIGNATED BY THE LANDSCAPE CONSULTANT.
- 6. CONTRACTOR IS RESPONSIBLE FOR GENERAL SITE CLEAN UP.
- 7. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO LANDSCAPED AREAS AND MUST MAKE ALL NECESSARY RESTORATIONS AND REPAIRS.

# PERMITS AND STANDARDS

TO PROCEED IN UNCERTAINTY.

- 1. THE CONTRACTOR IS TO ENSURE THAT ALL NECESSARY ARRANGEMENTS ARE MADE WITH THE PIPELINE COMPANIES CONCERNING THE MOVEMENT OF ANY MATERIALS AND/OR EQUIPMENT NEAR ANY PIPELINE RIGHTS OF WAY.
- 2. ALL ANCILIARY WORK NORMALLY ASSOCIATED WITH THIS TYPE OF CONSTRUCTION SHALL BE DEEMED TO BE PART OF THE CONTRACT.
  ALL WORK IS TO CONFORM TO THE REQUIREMENTS OF THE ENGINEERING SERVICING STANDARDS AND DEVELOPMENT PROCEDURES OF LAC LA BICHE COUNTY

#### **MATERIALS**

- 1. THE CONTRACTOR SHALL SUPPLY ALL MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE THE WORK SHOWN ON THE DRAWINGS. ANY DISCREPANCIES IN QUANTITIES SHALL BE REPORTED TO THE CONSULTANT FOR DIRECTION.
- NO SUBSTITUTIONS OF MATERIALS, PRODUCTS, OR QUANTITIES SHALL BE PERMITTED WITHOUT PRIOR WRITTEN CONSENT OF THE CONSULTANT.
   GENERAL
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE WRITTEN SPECIFICATIONS, DRAWINGS, AND DETAILS FOR THE PROJECT.
   ANY AMBIGUITY IN THIS DRAWING OR ACCOMPANYING DETAILS IS TO BE REPORTED TO THE CONSULTANT FOR DIRECTION. THE CONTRACTOR IS NOT
- 3. LIMITS OF THE WORK ARE TO BE CLEARLY UNDERSTOOD BY THE CONTRACTOR PRIOR TO ANY WORK TAKING PLACE ON SITE. THE CONTRACTOR IS TO CONTACT THE CONSULTANT FOR CLARIFICATION IF REQUIRED.
- 4. THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO CONSULTANT.
- 5. ON-SITE LAYOUT IS TO BE APPROVED BY CONSULTANT PRIOR TO START OF CONSTRUCTION.

6. ALL MEASUREMENTS ARE IN METERS UNLESS OTHERWISE SPECIFIED.

**UTILITY SETBACKS:** 

LANDSCAPE CONTRACTOR TO LOCATE ALL SITE UTILITIES PRIOR TO CONSTRUCTION AND PLANT NO CLOSER THAN THE FOLLOWING DIMENSIONS FROM THE SERVICES:

- 1. 1.0M FROM POWER LINES.
- 3.5M FROM ALL POWER HARDWARE INCLUDING STREET LIGHTS.
   1.5M FROM WATER MAINS, WATER SERVICES, AND WATER VALVES
- & FROM STORM AND SANITARY SERVICES, AND WA
- 4. 1.5M FROM SEWER MAINS, MANHOLES, AND SERVICES.
- 5. 1.2M FROM GAS AND ALL OTHER SERVICES.6. 10.5M FROM STREET CORNERS
- 7. 3.0M FROM FIRE HYDRANTS.
- 3.0M FROM FIRE HYDRANTS.
   1.5M FROM DRIVEWAYS
   7.5M FROM OVERHEAD POWER LINES
- 10. 1.0M FROM PRIVATE PROPERTY11. 3.0M ARTERIAL ROAD BOULEVARD CURB FACE

LIABILITIES INCURRED BY DAMAGES TO SITE UTILITIES.

- 11. 3.0M ARTERIAL ROAD BOULEVARD CURB FA 12. 3.5M FROM YIELD AND STOP SIGNS.
- 13. 3.5M FROM BUS STOP SIGNS.
- 14. 1.8M FROM ALL OTHER SIGNS.

THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGES AND

# **DEMOLITION NOTES**

#### **GENERAL**

- 1. LIMITS OF THE WORK ARE TO BE CLEARLY UNDERSTOOD BY THE CONTRACTOR PRIOR TO ANY WORK TAKING PLACE ON SITE. THE CONTRACTOR WILL BE PRIME CONTRACTOR FOR THE EXTENTS OF TIME AND SPACE REQUIRED FOR CONSTRUCTION. THE CONTRACTOR IS TO CONTACT THE CONSULTANT FOR CLARIFICATION IF REQUIRED
- THE CONSULTANT FOR CLARIFICATION IF REQUIRED

  2. THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND QUANTITIES, AND REPORT ANY DISCREPANCIES TO THE CONSULTANT
- 3. ALL MATERIALS TO BE DIRECTED TO THE CHRISTY CREEK STOCKPILE MUST BE SENT IN A MANNER ACCEPTABLE TO COUNTY STAFF. ACCESS TO THE STOCKPILE SITE CAN BE COORDINATED WITH COUNTY STAFF
- 4. ALL MATERIALS TO BE DIRECTED TO THE COUNTY PUBLIC WORKS YARD MUST BE PROPERLY PROTECTED FROM FURTHER DAMAGE SUCH AS WRAPPED WITH SUITABLE MATERIAL, STACKED AND WRAPPED ON PALLETS, ETC.

#### SITE WORK

- 1. CONTRACTOR TO CALL ALBERTA ONE- CALL AT 1-800-242-3447 TO HAVE EXISTING UTILITIES LOCATED PRIOR TO START OF ANY CONSTRUCTION
- 2. CONTRACTOR IS TO VISIT THE SITE TO CONFIRM ALL SITE CONDITIONS PRIOR TO SUBMITTING BIDS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE CONSULTANT FOR CLARIFICATION
- 3. CONTRACTOR IS RESPONSIBLE FOR THE HOARDING OF ALL TREES TO BE RETAINED THAT ARE WITHIN OR ADJACENT TO CONSTRUCTION AREAS INCLUDING TREES ALONG INTERSECTING STREETS
- 4. CONTRACTOR IS RESPONSIBLE FOR HAULING OF ALL EXCESS MATERIALS OFF THE SITE TO A LOCATION DESIGNATED BY THE CONSULTANT
- CONTRACTOR IS RESPONSIBLE FOR GENERAL SITE CLEAN UP
   CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO PRIVATE PROPERTY SUCH AS BUILDING FACADES, FOUNDATIONS AND SURFACE PAVING AND MUST MAKE ALL NECESSARY RESTORATIONS AND REPAIRS IN COORDINATION WITH THE CONSULTANT AND THE PROPERTY OWNER

#### PERMITS AND STANDARDS

- THE CONTRACTOR IS TO ENSURE THAT ALL NECESSARY ARRANGEMENTS
   ARE MADE WITH ANY UTILITY COMPANIES CONCERNING THE MOVEMENT OF
   ANY MATERIALS AND/OR EQUIPMENT NEAR ANY RIGHTS OF WAY OR UTILITY
   CORRIDORS
- 2. ALL ANCILIARY WORK NORMALLY ASSOCIATED WITH THIS TYPE OF CONSTRUCTION SHALL BE DEEMED TO BE PART OF THE CONTRACT. ALL WORK IS TO CONFORM TO THE REQUIREMENTS OF ANY MUNICIPAL DEVELOPMENT STANDARDS AND PROCEDURES OF LAC LA BICHE COUNTY

# MATERIALS

- WHERE POSSIBLE, CONTRACTOR SHALL RECYCLE MATERIALS FOR REUSE FOR THIS PROJECT, ALTERNATIVELY FOR ANOTHER PROJECT
- CONTRACTOR MUST REPORT ANY SUSPECTED ENCOUNTER WITH CONTAMINATED MATERIALS IMMEDIATELY TO THE CONSULTANT. CONTRACTOR MUST NOT CONTINUE WITH DEMOLITION WORK WITH ANY UNCERTAINTY REGARDING POTENTIAL CONTAMINANTS
- 3. REMOVAL OF SUBGRADE MATERIALS BELOW EXISTING CONCRETE &
  ASPHALT SURFACES ASSUMES A DEPTH OF 200mm OF UNSUITABLE
  MATERIALS TO BE REMOVED. CONTRACTOR IS RESPONSIBLE FOR ALL COSTS
  ASSOCIATED WITH MATERIAL SUPPLY AND REMOVAL AND REPLACEMENT OF
  UNSUITABLE MATERIALS BELOW THIS ASSUMED DEPTH
- 4. MATERIALS QUANTITIES TO BE DEMOLISHED SHALL FOLLOW THE TERMS BELOW

### MEASUREMENT AND PAYMENT

1. REMOVALS SHALL BE BASED ON FIELD COUNT AND BY MEASURED AREAS TAKEN OFF DIGITAL DETAILED DRAWINGS. ITEMS TO BE PAID BASED ON UNIT RATES AS INCLUDED IN THE PROJECT SCHEDULE OF UNITS



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LEGEND			
EXTENT OF	CONSTRUCTIO	DN	

GENERAL NOTES

APPROVAL

LAC LA BICHE COUNTY

DRAWINGS NOT VALID FOR CONSTRUCTION WITHOUT AUTHORIZED "APPROVED FOR CONSTRUCTION" SEAL

K.B.	J.B.	11.03.2
-	K.B.	K.B. J.B.

CEAL			
SEAL			

FILE INFORMATION	
32195 - McArthur Park - PH2.dwg	32195
NAME	PROJECT NO.

CALE			
JALL			
CALE SHOWN REPRESEN	NTS DRAWING	SS PRINTED ON A	1 ONLY

CONTEXT PLAN AND SPECIFICATIONS
PHASE TWO
MCARTHUR PARK

LAC LA BICHE, ALBERTA

LP2-0

SHEET

#### SURFACE WORKS NOTES

#### **GENERAL**

- 1. LIMITS OF THE WORK ARE TO BE CLEARLY UNDERSTOOD BY THE CONTRACTOR PRIOR TO ANY WORK TAKING PLACE ON SITE. THE CONTRACTOR WILL BE PRIME CONTRACTOR FOR THE EXTENTS OF TIME AND SPACE REQUIRED FOR CONSTRUCTION. THE CONTRACTOR IS TO CONTACT THE CONSULTANT FOR CLARIFICATION IF REQUIRED
- 2. THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND QUANTITIES, AND REPORT ANY DISCREPANCIES TO THE CONSULTANT
- 3. THE CONTRACTOR WILL BE WORKING IMMEDIATELY ADJACENT TO, AND DIRECTLY ON PRIVATE PROPERTY. NOTIFICATION OF WORK WILL BE REQUIRED TO ENSURE ALL PARTIES ARE AWARE OF WORK TAKING PLACE, SCHEDULE, SAFETY IMPLICATIONS AND ACCOMMODATION OF PEDESTRIANS ACCESSING THESE PROPERTIES

#### SITE WORK

- 1. CONTRACTOR TO CALL ALBERTA ONE- CALL AT 1-800-242-3447 TO HAVE EXISTING UTILITIES LOCATED PRIOR TO START OF ANY CONSTRUCTION ACTIVITIES
- 2. CONTRACTOR IS TO VISIT THE SITE TO CONFIRM ALL SITE CONDITIONS PRIOR TO SUBMITTING BIDS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE CONSULTANT FOR CLARIFICATION
- 3. CONTRACTOR IS RESPONSIBLE FOR THE HOARDING OF ALL TREES TO BE RETAINED THAT ARE WITHIN OR ADJACENT TO CONSTRUCTION AREAS INCLUDING TREES ALONG INTERSECTING STREETS
- 4. CONTRACTOR IS RESPONSIBLE FOR HAULING OF ALL EXCESS MATERIALS
- OFF THE SITE TO A LOCATION DESIGNATED BY THE CONSULTANT
  5. CONTRACTOR IS RESPONSIBLE FOR GENERAL SITE CLEAN UP
- 6. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO PRIVATE PROPERTY SUCH AS BUILDING FACADES, FOUNDATIONS AND SURFACE PAVING AND MUST MAKE ALL NECESSARY RESTORATIONS AND REPAIRS IN COORDINATION WITH THE CONSULTANT AND THE PROPERTY OWNER

#### PERMITS AND STANDARDS

- 1. THE CONTRACTOR IS TO ENSURE THAT ALL NECESSARY ARRANGEMENTS ARE MADE WITH ANY UTILITY COMPANIES CONCERNING THE MOVEMENT OF ANY MATERIALS AND/OR EQUIPMENT NEAR ANY RIGHTS OF WAY OR UTILITY CORRIDORS
- 2. ALL ANCILIARY WORK NORMALLY ASSOCIATED WITH THIS TYPE OF CONSTRUCTION SHALL BE DEEMED TO BE PART OF THE CONTRACT. ALL WORK IS TO CONFORM TO THE REQUIREMENTS OF ANY MUNICIPAL DEVELOPMENT STANDARDS AND PROCEDURES OF LAC LA BICHE COUNTY
- 3. MATERIALS TESTING INCLUDING TOPSOIL COMPOSITION AND GRAVEL SIEVE ANALYSIS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. TEST RESULTS MUST BE PROVIDED TO THE CONSULTANT AND ACCEPTED PRIOR TO HAULING ANY MATERIALS TO THE SITE. COMPACTION TESTING FOR ALL SUBGRADE WORK AND GRANULAR BASE COURSE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY SUBSEQUENT TESTS AS A RESULT OF FAILURE TO MEET REQUIRED SPECIFICATIONS

#### **MATERIALS**

- ALL FINISHED CONCRETE SURFACES MUST BE FREE OF ANY DEFECTS,
   DAMAGES OR OTHER VISUAL BLEMISHES. SHOULD REPAIRS TO ANY
   DAMAGES NOT RESULT IN CONCRETE WORK APPEARING "LIKE NEW" THE
   CONSULTANT SHALL DIRECT WORK TO BE REMOVED AND REPLACED
- 2. CONCRETE MIXES SHALL BE IN ACCORDANCE WITH ANY MUNICIPAL DEVELOPMENT STANDARDS AND PROCEDURES OF LAC LA BICHE COUNTY, OR AS OTHERWISE INDICATED ON DRAWINGS. IN THE INSTANCE OF CONFLICT, SPECIFICATIONS ON DRAWINGS SHALL PREVAIL
- 3. SITE FURNITURE SHALL BE SURFACED MOUNTED PER MANUFACTURER'S RECOMMENDATION. SHOP DRAWINGS OF CONNECTIONS SHALL BE PROVIDED FOR REVIEW AND APPROVAL
- 4. ALL EXCESS THREADED ROD ON CONNECTIONS MUST BE CUT FLUSH WITH TOP OF NUT OR AS OTHERWISE DIRECTED BY DETAILS AND CONSULTANT DIRECTION

#### MEASUREMENT AND PAYMENT

- 1. ALL SURFACE WORK WILL BE FIELD MEASURED FOR PAYMENT
- 2. ANY ANCILLARY WORK OR PRODUCTS REQUIRED TO FULFILL THE INTENT AND PRODUCTS INCLUDED IN THESE DRAWINGS SHALL FORM PART OF THE UNIT RATE COSTS OF EACH ITEM

## **ACCESSIBILITY NOTES**

#### GENERAL

- 1. ALL ELEMENTS, SPACES AND FACILITIES CONSTRUCTED WITHIN THIS CONTRACT TO BE UNIVERSALLY ACCESSIBLE FOR ALL OCCUPANTS
- 2. CONSTRUCTION MUST COMPLY WITH ACCESSIBILITY STANDARDS AND PROVIDE ACCESSIBILITY AND SAFETY FOR PEOPLE WITH DISABILITIES
- 3. ALL SURFACE TRANSITIONS MUST REMAIN EASY TO APPROACH, ENTER, EXIT, OPERATE AND PARTICIPATE WITHIN
- 4. ALL RENOVATIONS AND ALTERATIONS TO EXISTING FACILITIES MUST FOLLOW THE SAME ACCESSIBILITY STANDARDS AS NEW CONSTRUCTION

#### PLANTING & PLANT MAINTENANCE NOTES

#### GENERAL

- 1. THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS OF PLANTING AREAS AND
- REPORT ANY DISCREPANCIES TO THE CONSULTANT FOR FURTHER DIRECTION

  2. TREE LOCATIONS AND SHRUB BEDS TO BE APPROVED BY THE CONSULTANT PRIOR TO THE START OF PLANTING
- 3. ALL MEASUREMENTS ARE METRIC UNLESS OTHERWISE NOTED
- 4. ALL PLANT MATERIAL MUST COME WITH A TWO-YEAR MAINTENANCE AND WARRANTY FROM SUBSTANTIAL PERFORMANCE AND ACCEPTANCE BY THE CONSULTANT. PLANTS SHALL BE MONITORED BY A CERTIFIED ARBORIST RETAINED INDEPENDENTLY BY THE CONTRACTOR, WITH ARBORIST REPORTS PROVIDED TO THE CONSULTANT MONTHLY DURING THE GROWING SEASON WITHIN THE TWO-YEAR MAINTENANCE AND WARRANTY PERIOD

#### SITE WORK

- 1. THE CONTRACTOR IS TO CALL ALBERTA ONE-CALL AT 1-800-242-3447 TO HAVE EXISTING UTILITIES LOCATED PRIOR TO START OF ANY CONSTRUCTION ACTIVITIES. COPIES OF ALL ONE-CALL TICKETS MUST BE PROVIDED TO THE CONSULTANT FOR INFORMATION PURPOSES
- 2. THE CONTRACTOR IS RESPONSIBLE FOR THE HOARDING OF ALL TREES TO BE RETAINED THAT ARE WITHIN OR ADJACENT TO CONSTRUCTION AREAS. THE CONTRACTOR MUST PROVIDE FREE, CLEAR AND SAFE ACCESS FOR LAC LA BICHE COUNTY TO CONDUCT REQUIRED MAINTENANCE TO THESE TREES INSIDE THE LIMITS OF CONSTRUCTION
- 3. THE CONTRACTOR IS RESPONSIBLE FOR THE HAULING OF ALL EXCESS
  MATERIALS OFF THE SITE TO A LOCATION DESIGNATED BY THE CONSULTANT
- OR AS NOTED IN THESE DRAWINGS

  4. THE CONTRACTOR IS RESPONSIBLE FOR GENERAL SITE CLEAN UP
- 5. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO LANDSCAPED AREAS AND MUST MAKE ALL NECESSARY RESTORATIONS AND REPAIRS

## PERMITS AND STANDARDS

- 1. THE CONTRACTOR IS TO ENSURE THAT ALL NECESSARY ARRANGEMENTS ARE MADE WITH THE PIPELINE COMPANIES CONCERNING THE MOVEMENT OF MATERIALS AND EQUIPMENT NEARANY PIPELINE OR UTILITY RIGHTS OF WAY
- 2. A TOPSOIL TEST IS REQUIRED BEFORE INSTALLATION. THE SOIL'S ANALYSIS REPORT IS TO BE SUBMITTED TO THE CONSULTANT PRIOR TO INSTALLATION. TOPSOIL PARAMETERS MUST FALL WITHIN THE FOLLOWING RANGES:

SOIL CHARACTERISTIC	MANDATORY RANGE
SOIL pH	6.0 TO 7.5%
ORGANIC MATTER	5-8%
COMPOSITION: SAND	20-40%
COMPOSITION: SILT	20-40%
COMPOSITION: CLAY	20-40%
NITROGEN CONTENT	TO BE EVALUATED
PHOSPHOROUS CONTENT	TO BE EVALUATED
POTASSIUM CONTENT	TO BE EVALUATED
ELECTRICAL CONDUCTIVITY	NOT TO EXCEED 1.5 OHMS PER m²

3. ALL PLANT MATERIAL IS TO BE NURSERY GROWN STOCK SOURCED FROM A CENTRAL OR NORTHERN ALBERTA-BASED SUPPLIER AND SHALL MEET OR EXCEED THE SPECIFICATIONS OF THE CANADIAN NURSERY TRADES ASSOCIATION FOR SIZE, HEIGHT, SPREAD, GRADING, QUALITY, AND METHOD OF CULTIVATION. PROOF OF SOURCE IS REQUIRED

#### MATERIALS

- 1. PLANT MATERIAL MUST BE PLANTED AT THE MINIMUM SIZES AS NOTED ON THE SCHEDULE OF UNITS AND DETAILED DRAWINGS
- 2. ALL PLANTS MUST BE TRANSPORTED TO LAC LA BICHE FROM ITS ORIGIN IN A MANNER THAT ENSURES THE HEALTH AND INTEGRITY OF ALL PLANT STOCK. THE CONSULTANT MUST BE NOTIFIED PRIOR TO TRANSPORT OF ALL PLANT MATERIAL TO THE SITE
- 3. DURING THE MAINTENANCE AND WARRANTY PERIOD, PLANTS MUST BE GROWING VIGOROUSLY AND BEING ACTIVELY MAINTAINED UNDER THE SUPERVISION OF A CERTIFIED ARBORIST. ANY TREES WITH NOTED DEFECTS OR SHOWING SIGNS OF MORTALITY MUST BE REPLACED WITHIN 30 DAYS OF NOTICE. REPLACING TREES WILL CONSTITUTE A MINIMUM ONE YEAR ADDITIONAL WARRANTY AND MAINTENANCE PERIOD FOR THE REPLACED UNIT
- 4. ALL TREES MUST BE PRE-SELECTED BY THE CONSULTANT AND TAGGED AT THE TREE FARM / NURSERY. ONLY PRE-APPROVED TREES WILL BE ACCEPTED ON SITE
- 5. ALL PLANT BEDS TO HAVE DEVRINOL OR APPROVED ALTERNATE PRE-EMERGENT HERBICIDE APPLIED PRIOR TO PLANTING
- 6. ALL PLANTED TREES MUST BE PROTECTED FROM CONSTRUCTION ACTIVITIES INCLUDING ROOT COMPACTION, BENDING OR BREAKING OF ANY BRANCHES, SCARRING OF TREE TRUNKS, ETC. DAMAGED TREES MUST BE REPLACED AT
- THE DISCRETION OF THE CONSULTANT

  7. ALL WOOD MULCH MATERIAL SHALL BE A CONIFEROUS TREE-BASED SHREDDED MULCH. WOOD CHIPS WILL NOT BE SUITABLE. CONTRACTOR SHALL PROVIDE A MIN. 20L SAMPLE OF MULCH FOR REVIEW AND
- ACCEPTANCE PRIOR TO DELIVERY TO SITE

  8. ALL WOOD MULCH TO BE PLACED TO A DEPTH OF 100mm AFTER SETTLEMENT.
  A TOP-UP OF MULCH WILL BE REQUIRED ANNUALLY UNTIL THE END OF THE
  MAINTENANCE AND WARRANTY PERIOD. CONTRACTOR TO ENSURE MULCH IS
  PULLED BACK FROM THE TRUNKS OF TREES AND STEMS OF ALL PERENNIALS
- 9. PERENNIALS MAY ONLY BE PLANTED IN APRIL, MAY OR JUNE IN ORDER TO ENSURE ESTABLISHMENT PRIOR TO WINTER SEASON

#### MEASUREMENT AND PAYMENT

- 1. PAYMENT FOR PLANT MATERIALS WILL BE BASED ON FIELD COUNT AT THE TIME OF PLANTING. UPON PLANTING THE CONTRACTOR SHALL BE ELIGIBLE FOR 75% PAYMENT OF PLANT MATERIALS, WITH THE REMAINING 25% PAID AT THE END OF THE MAINTENANCE AND WARRANTY PERIOD
- 2. THE CONTRACTOR WILL NOT BE ELIGIBLE FOR PAYMENT OF ANY PERCENTAGE FOR ANY PLANT MATERIAL UNTIL IT HAS BEEN PLANTED IN PLACE

#### SEED MIX / NOTES:

CERTIFIED CANADA NO. 1 MIXTURE, MINIMUM GERMINATION OF 75%, MINIMUM PURITY OF 97%. ALL SEED MUST BE FROM A RECOGNIZED SEED FIRM, MEETING THE REQUIREMENTS FOR THE SEEDS ACT FOR CANADA NO. 1 SEED. SEED SHALL BE CERTIFIED NO. 1 GRADE. A GERMINATION TEST MUST BE REQUESTED AND ALL LAWN SEED MUST COMPLY WITH FEDERAL AND PROVINCIAL SEED LAWS.

#### TYPE 1: NATURALIZATION DRY MEADOW AREA SEED MIX A

30% NORTHERN WHEAT GRASS (Agropyron dasystachyum)
20% FOWL BLUEGRASS (Poa palustris)
20% SLOUGHGRASS (Beckmannia syzigachne)
10% TUFTED HAIRGRASS (Deschampsia cespitosa)
10% COMMON YARROW (Achillea millefolium)
10% ANNUAL RYE (Lolium multiflorum)

#### APPLICATION RATE

BROADCASTER = 120 kg/ha HYDRO SEEDER = 250 kg/ha

TOPSOIL DEPTH 150mm

#### SOD MIX / NOTES:

SOD TO BE INSTALLED FOR GENERAL USE SHALL BE A NORTHERN GRASS MIX AND SHALL
BE OF NO. 1 NURSERY SOD CONSISTING OF A UNIFORM MIXTURE IN THE FOLLOWING

#### PROPORTIONS:

NUGGET BLUEGRASS – 55% BY WEIGHT
 CREEPING RED FESCUE – 45% BY WEIGHT

#### THE SOD SHALL BE:

- A MINIMUM OF EIGHTEEN (18) MONTHS OLD;
- FREE OF NOXIOUS WEEDS AND DEBRIS;
- 30 MM 50 MM IN THICKNESS;
- CUT IN STRIPS OF UNIFORM WIDTH:
- SHALL BE SUFFICIENTLY MOIST;
  FRESHLY CUT AND HEALTHY WITH STRONG FIBROUS ROOT SYSTEM;
- CULTIVATED IN NURSERY FIELD AS TURF CROP CONTAINING MAXIMUM
- 2% OF OTHER GRASS SPECIES.
- SODDED AREAS TO HAVE TOPSOIL TO A DEPTH OF 100mm, REFER TO SECTION 4/L7



LEGEND

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GENERAL NO	DIES		

DRAWINGS NOT VALID FOR CONSTRUCTION WITHOUT AUTHORIZED "APPROVED FOR CONSTRUCTION" SEAL	

APPROVAL		
LAC LA BICHE COUNTY	APPVD.	DD.MM.Y
SUBMISSION		

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FILE INFORMATION	
32195 - McArthur Park - PH2.dwg	32195
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SCALE

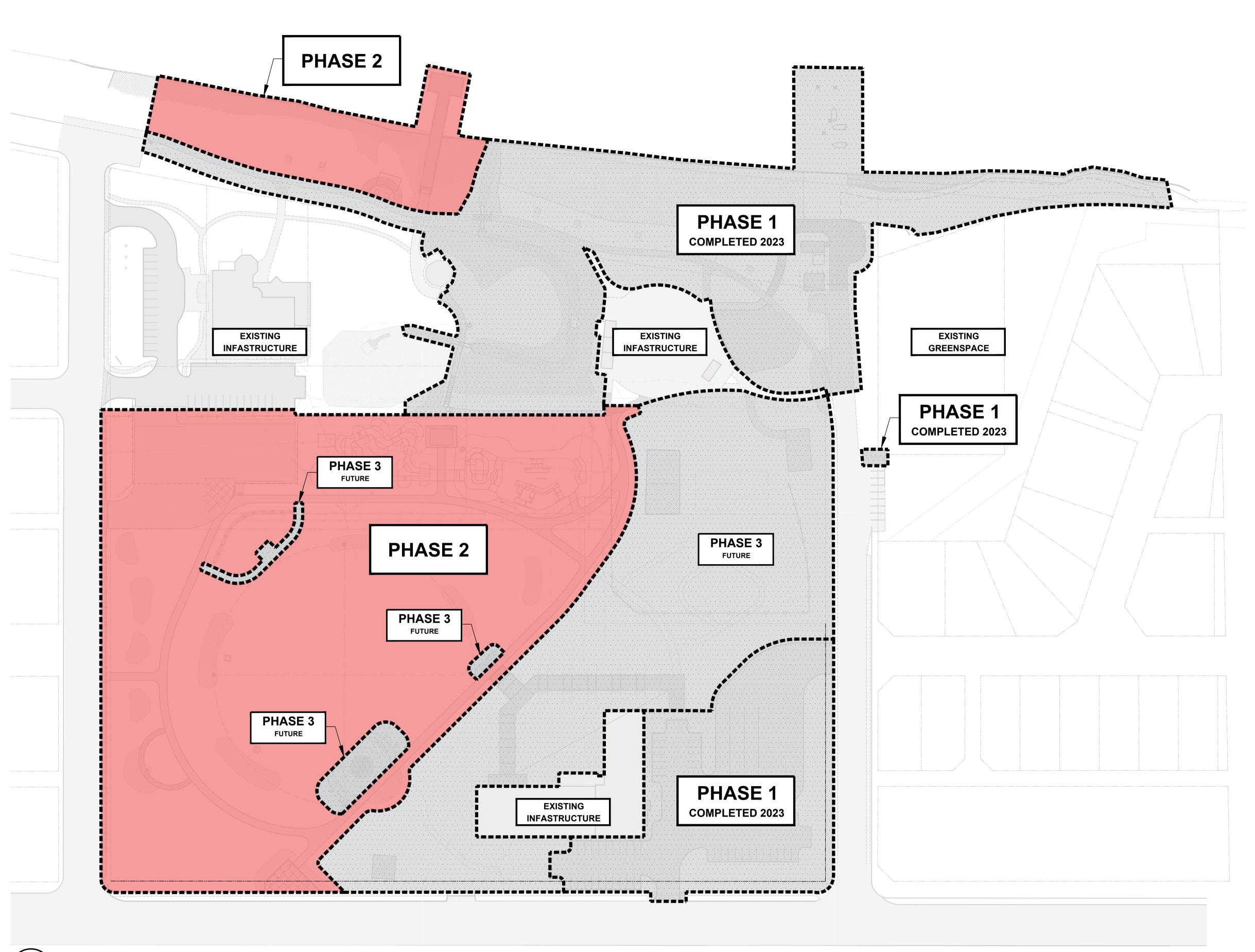
SCALE SHOWN REPRESENTS DRAWINGS PRINTED ON A1 ONLY

SPECIFICATIONS
PHASE TWO
MCARTHUR PARK

LAC LA BICHE. ALBERTA

1 P2\_02





1 OVERALL PHASING PLAN LP2-03 SCALE: 1:750

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LEGEND	PHASE BOUNDARY		
	EXISTING / FUTURE P	PHASING	
	CURRENT PHASE 2	TIMOING	
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GENERAL NOTES

APPROVAL

LAC LA BICHE COUNTY

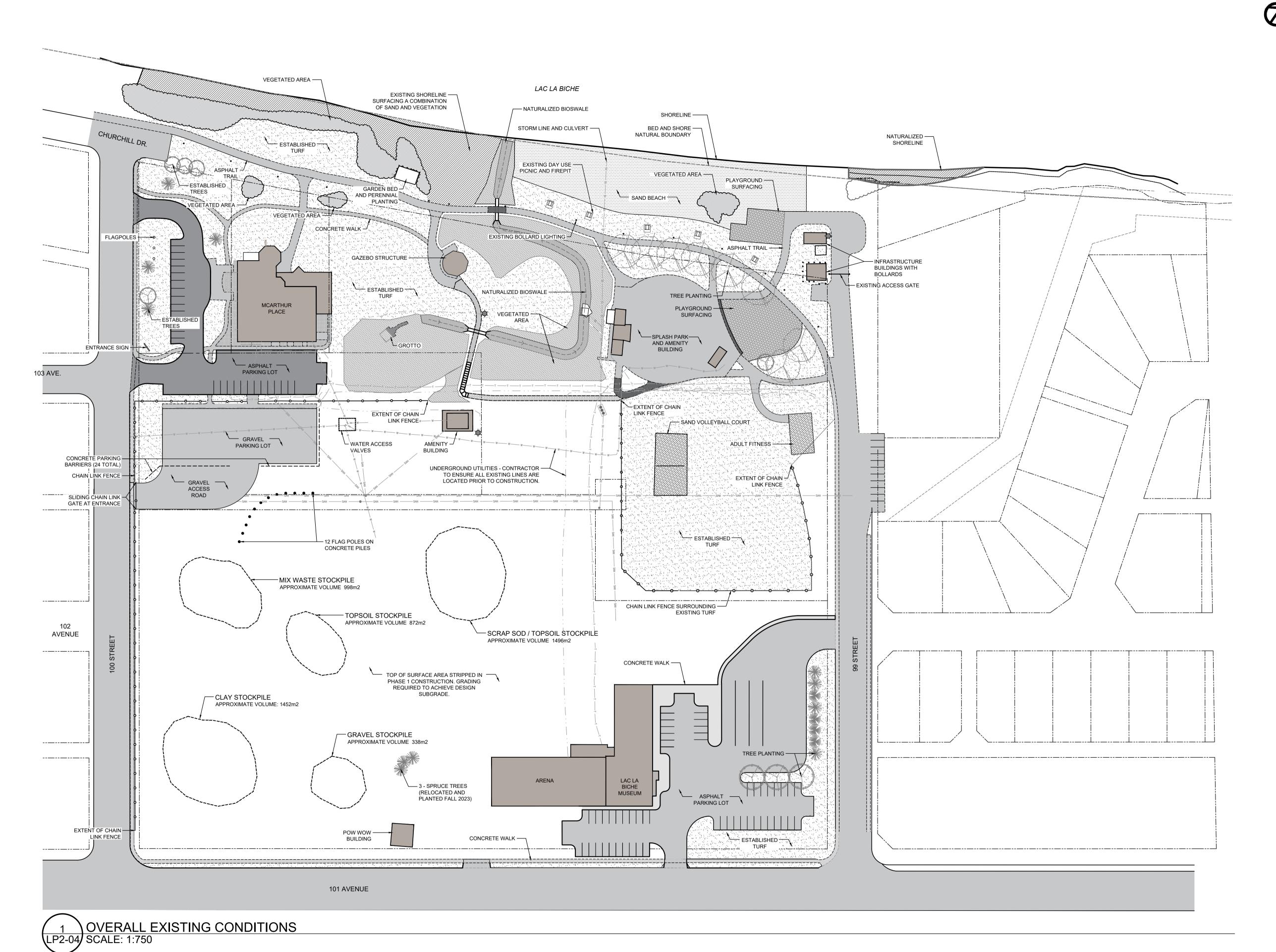
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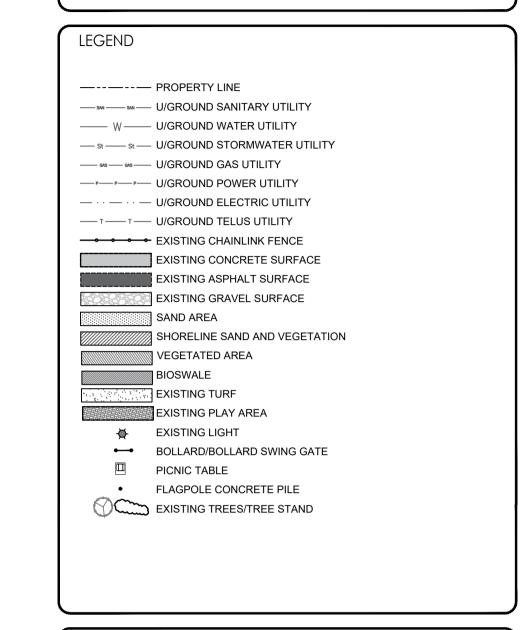
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LAC LA BICHE, ALBERTA	SHEET
MCARTHUR PARK	
PHASING PLAN PHASE TWO	



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GENER/	al notes			
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APPROVAL

LAC LA BICHE COUNTY

SUBMISSION			
ISSUED FOR TENDER	K.B.	J.B.	11.03.24

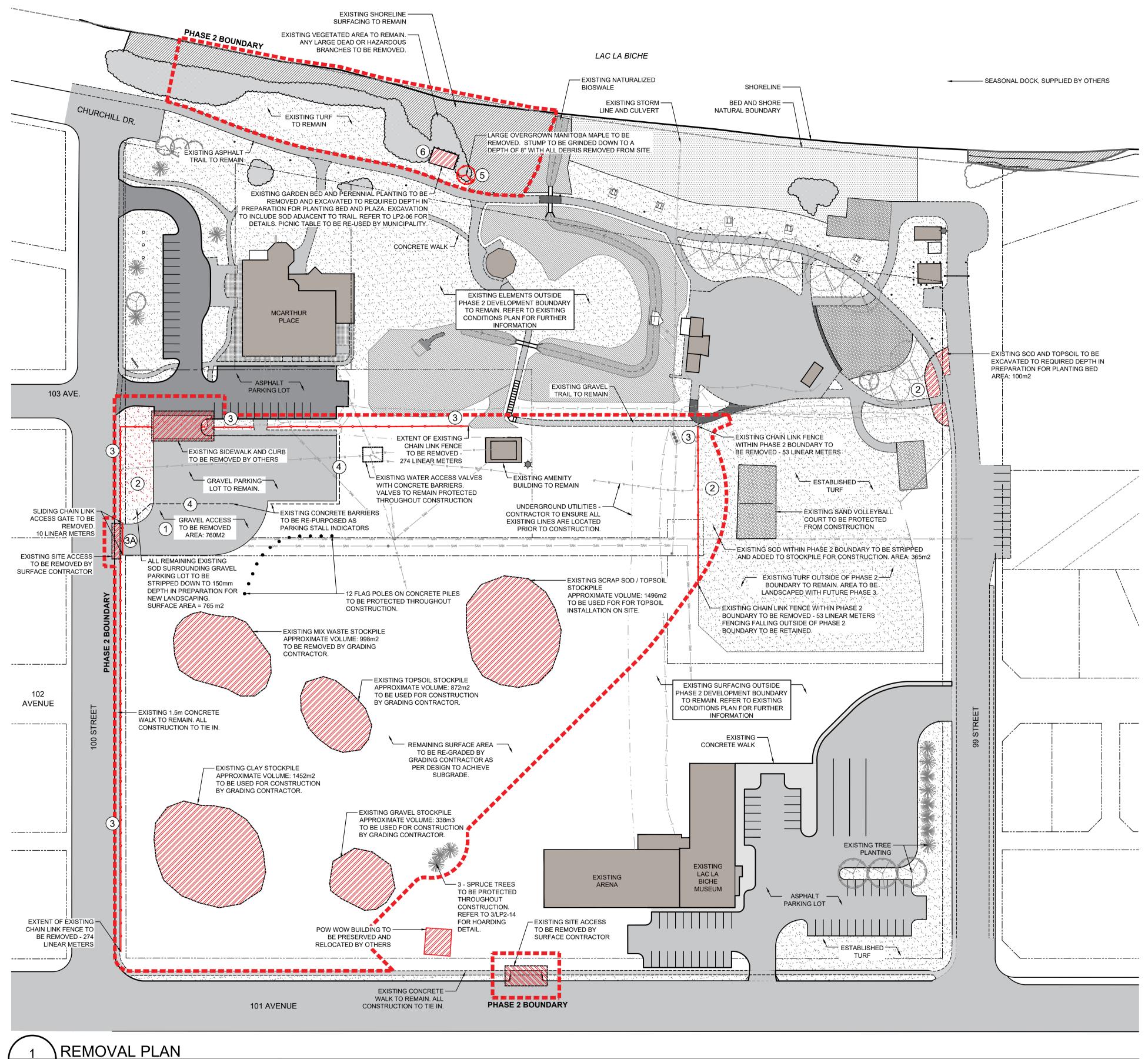
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32195 - McArthur Park - PH2.dwg	32195
NAME	PROJECT NO.

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1:750	W	كالالالا						
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EXISTING CONDITIONS PLAN PHASE TWO	
MCARTHUR PARK	





LP2-05 SCALE: 1:750

# PHASE ONE EXISTING MATERIAL DISPOSAL

PHASE 1 MATERIAL DISPOSAL COMPLETE
REFER TO PHASE 1 DRAWING SET FOR DETAILS

F	PHASE TWO EXISTI	NG MATER	RIAL DISPOSAL
ITEM#	DESCRIPTION	Est. Qty.	REMOVE FROM SITE
1	GRAVEL AREA	760m²	STOCKPILED ON SITE
2	SOD AREA	970m²	DISPOSAL BY CONTRACTOR
3	CHAIN LINK FENCE	327 lin. m.	DISPOSAL BY CONTRACTOR
3A)	CHAIN LINK SLIDING GATE	10 lin. m.	DISPOSAL BY CONTRACTOR
4	CAR BARRICADES	24	RELOCATE WITHIN GRAVEL PARKING LOT FOR USE AS PARKING STALL INDICATORS
5	MAPLE TREE + GENERAL HAZARD BRANCH REMOVAL WITHIN PROXIMITY OF NEW NATURALIZED AREA	1	DISPOSAL BY CONTRACTOR
6	EXISTING GARDEN BED	1	DISPOSAL BY CONTRACTOR



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GENERAL NOTES

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LAC LA BICHE COUNTY

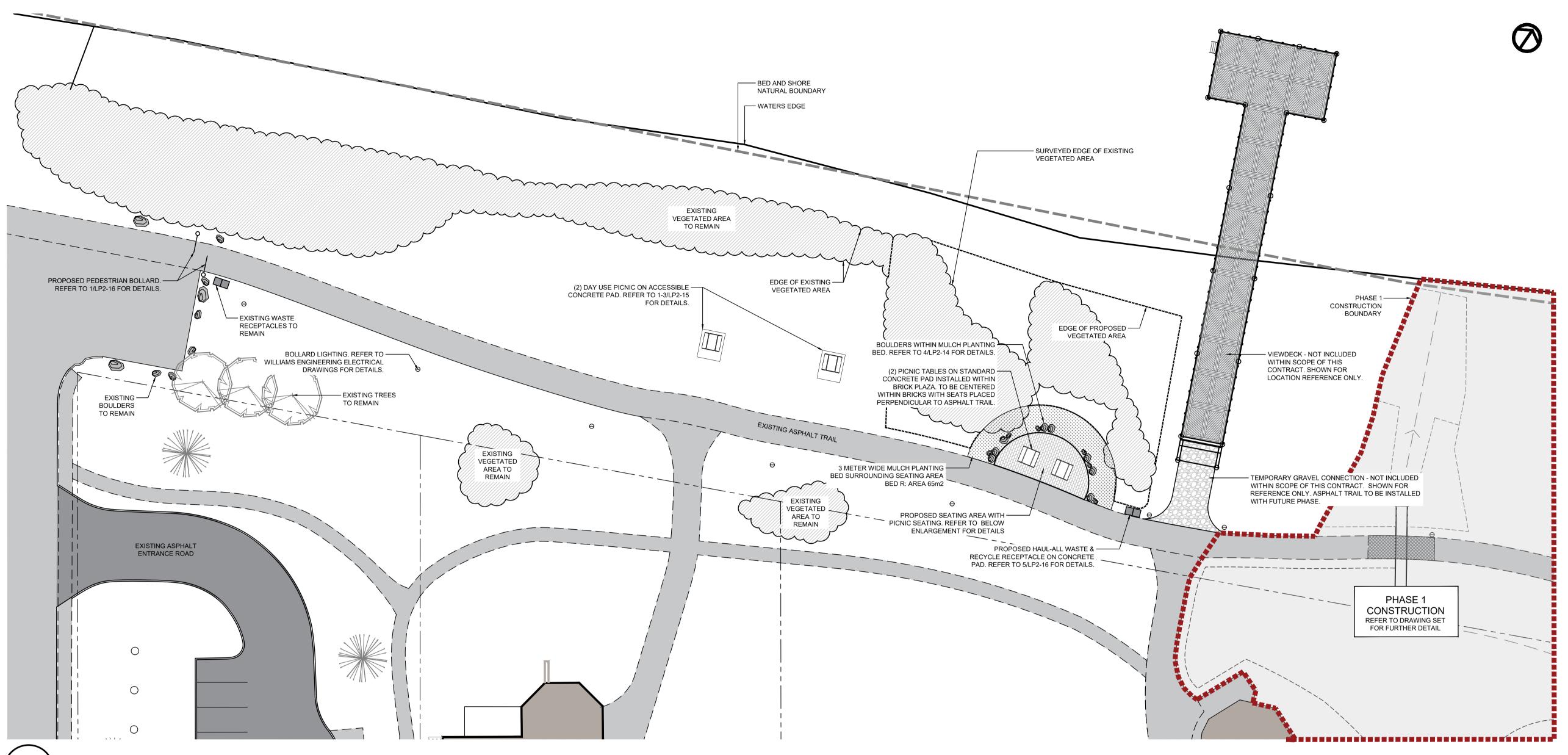
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SUBMISSION			
ISSUED FOR TENDER	K.B.	J.B.	11.03.24
	BY	APPVD.	DD.MM.YY

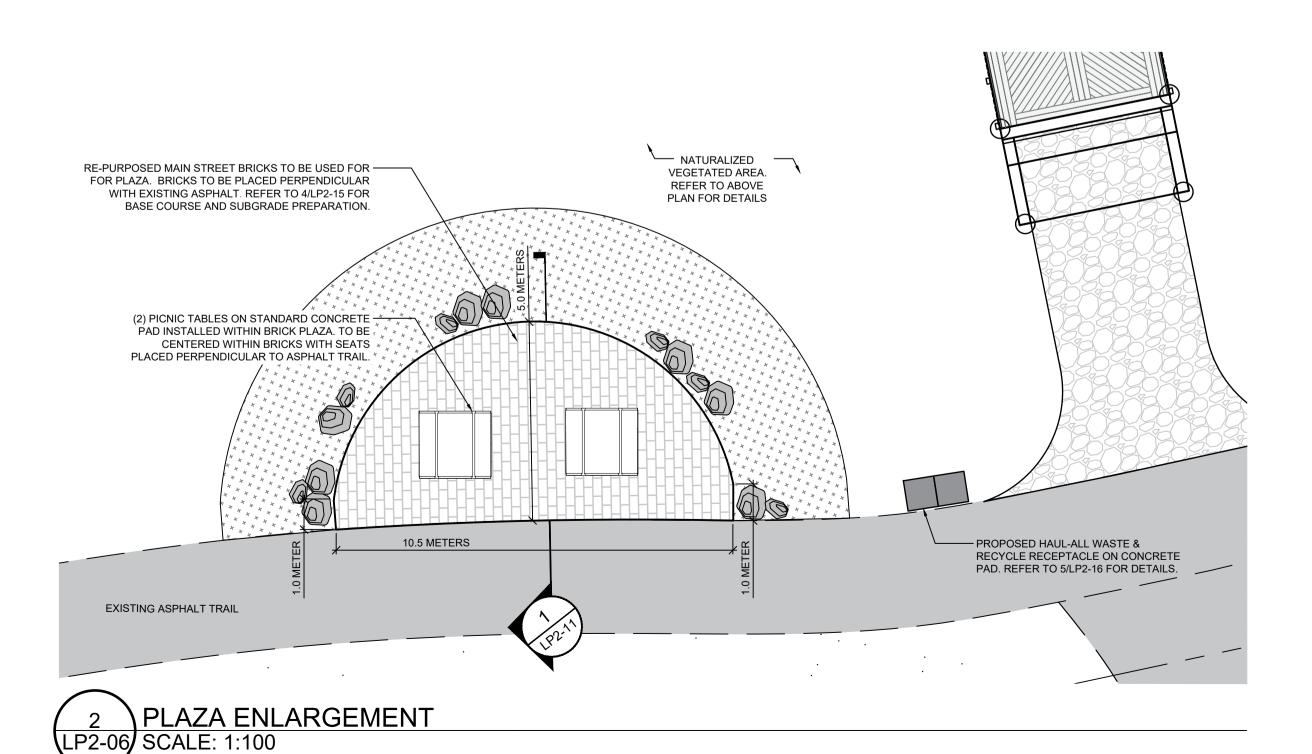
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32195 - McArthur Park - PH2.dwg	32195
IAME	PROJECT NO.

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1:750				



1 LAYOUT PLAN - NORTH LP2-06 SCALE: 1:500



BED	AREA	SURFACE TREATMENT
Α	77m²	500mm DEPTH TOPSOIL C/W 100mm DEPTH MULCH
В	117m²	500mm DEPTH TOPSOIL C/W 100mm DEPTH MULCH
С	77m²	500mm DEPTH TOPSOIL C/W 100mm DEPTH MULCH
D	77m²	500mm DEPTH TOPSOIL C/W 100mm DEPTH MULCH
E	5m²	500mm DEPTH TOPSOIL C/W 100mm DEPTH MULCH
F	104m²	500mm DEPTH TOPSOIL C/W 100mm DEPTH MULCH
G	145m²	500mm DEPTH TOPSOIL C/W 100mm DEPTH MULCH
Н	85m²	500mm DEPTH TOPSOIL C/W 100mm DEPTH MULCH
1	203m²	500mm DEPTH TOPSOIL C/W 100mm DEPTH MULCH
J	201m²	500mm DEPTH TOPSOIL C/W 100mm DEPTH MULCH
К	154m²	500mm DEPTH TOPSOIL C/W 100mm DEPTH MULCH
L	121m²	500mm DEPTH TOPSOIL C/W 100mm DEPTH MULCH
М	106m²	500mm DEPTH TOPSOIL C/W 100mm DEPTH MULCH
N	70m²	500mm DEPTH TOPSOIL C/W 100mm DEPTH MULCH
0	16m²	500mm DEPTH TOPSOIL C/W 100mm DEPTH MULCH
Р	60m²	500mm DEPTH TOPSOIL C/W 100mm DEPTH MULCH
Q	100m²	500mm DEPTH TOPSOIL C/W 100mm DEPTH MULCH
R	65m²	500mm DEPTH TOPSOIL C/W 100mm

BOULDERS					
BOULDERS TO BE SET IN PLACE PRIOF SLIGHTLY BURIED TO					
STONE TYPE	QUANTITY				
FIELDSTONE LARGE (3' - 4' dia.)	32				
FIELDSTONE SMALL (1' - 2' dia.)	34				

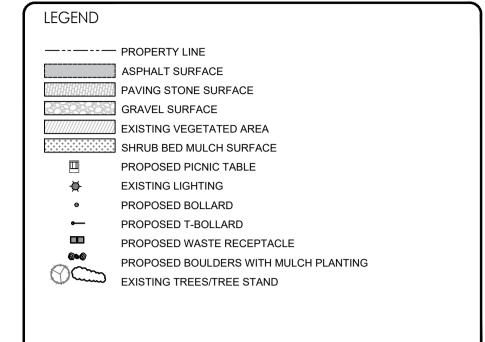


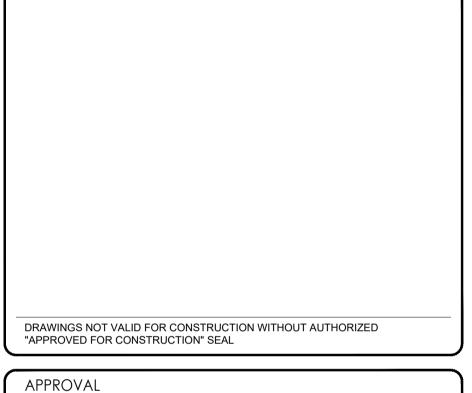
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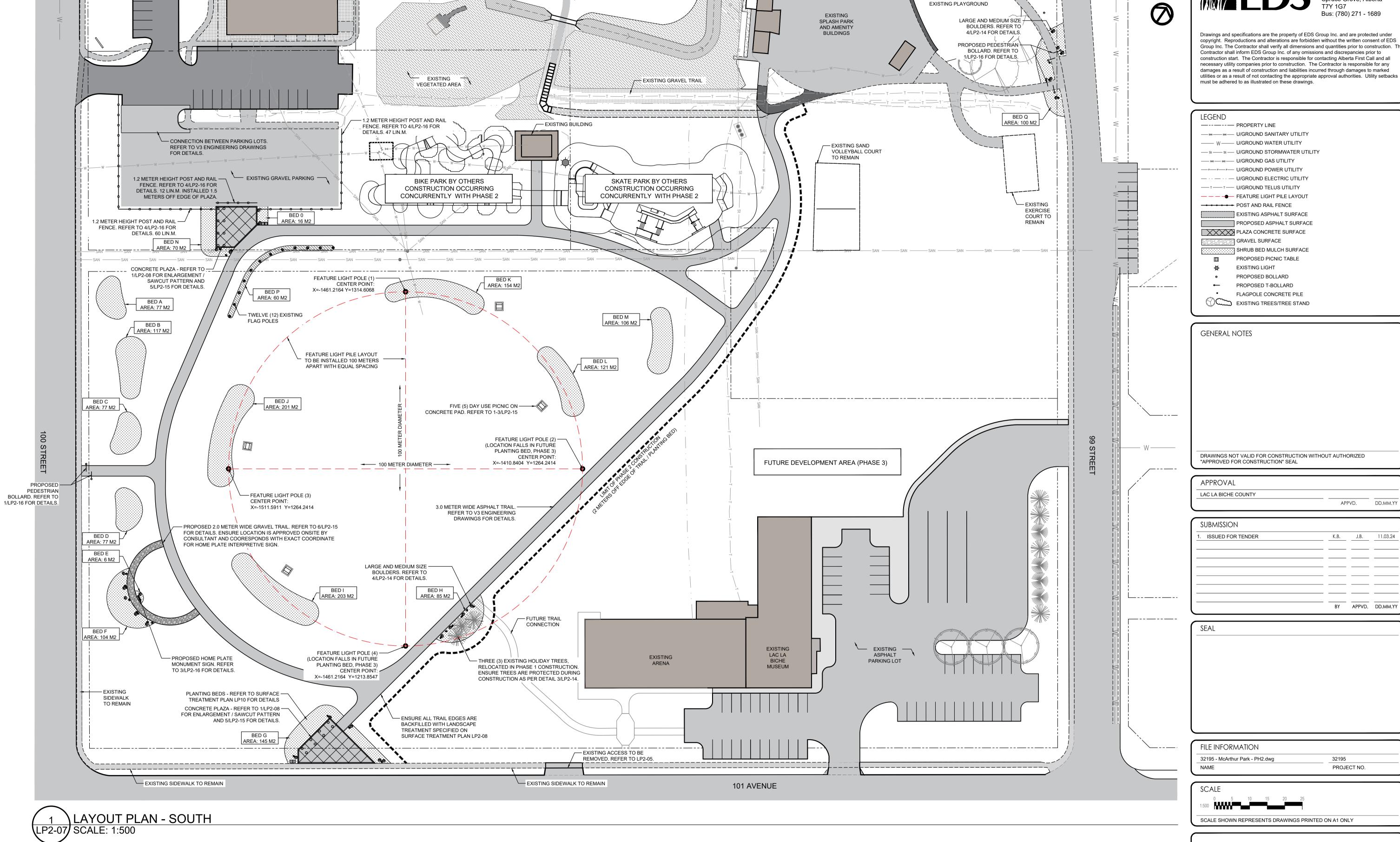
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ISSUED FOR TENDER	 K.B.	J.B.	11.03.24
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FILE INFORMATION	
32195 - McArthur Park - PH2.dwg	32195
NAME	PROJECT NO.

SCALE AS SHOWN

SCALE SHOWN REPRESENTS DRAWINGS PRINTED ON A1 ONLY

LAYOUT PLAN - NORTH PHASE TWO MCARTHUR PARK LAC LA BICHE, ALBERTA



Spruce Grove, Alberta

Group Inc. The Contractor shall verify all dimensions and quantities prior to construction. The damages as a result of construction and liabilities incurred through damages to marked utilities or as a result of not contacting the appropriate approval authorities. Utility setbacks

LEGEND
——sw—— U/GROUND SANITARY UTILITY
—— W—— U/GROUND WATER UTILITY
— P— P— U/GROUND POWER UTILITY
— · · — · · — U/GROUND ELECTRIC UTILITY
— Ţ—Ţ— U/GROUND TELUS UTILITY
— — — FEATURE LIGHT PILE LAYOUT
POST AND RAIL FENCE
EXISTING ASPHALT SURFACE
PROPOSED ASPHALT SURFACE
PLAZA CONCRETE SURFACE
GRAVEL SURFACE
SHRUB BED MULCH SURFACE
PROPOSED PICNIC TABLE
PROPOSED BOLLARD
→ PROPOSED T-BOLLARD
• FLAGPOLE CONCRETE PILE
EXISTING TREES/TREE STAND

LAC LA BICHE COUNTY		
	APPVD.	DD.MM.Y

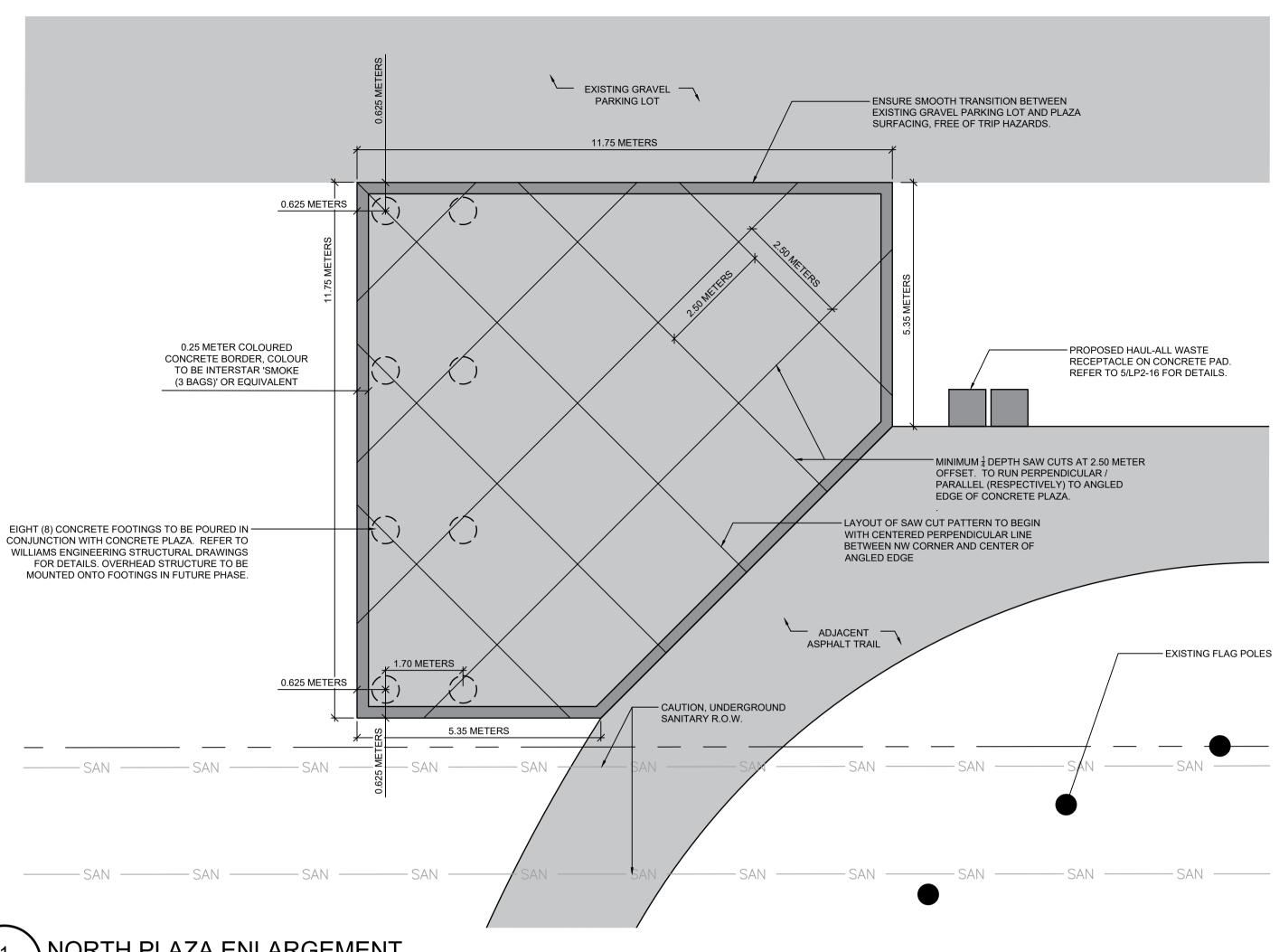
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	BY	APPVD.	DD.MM.YY

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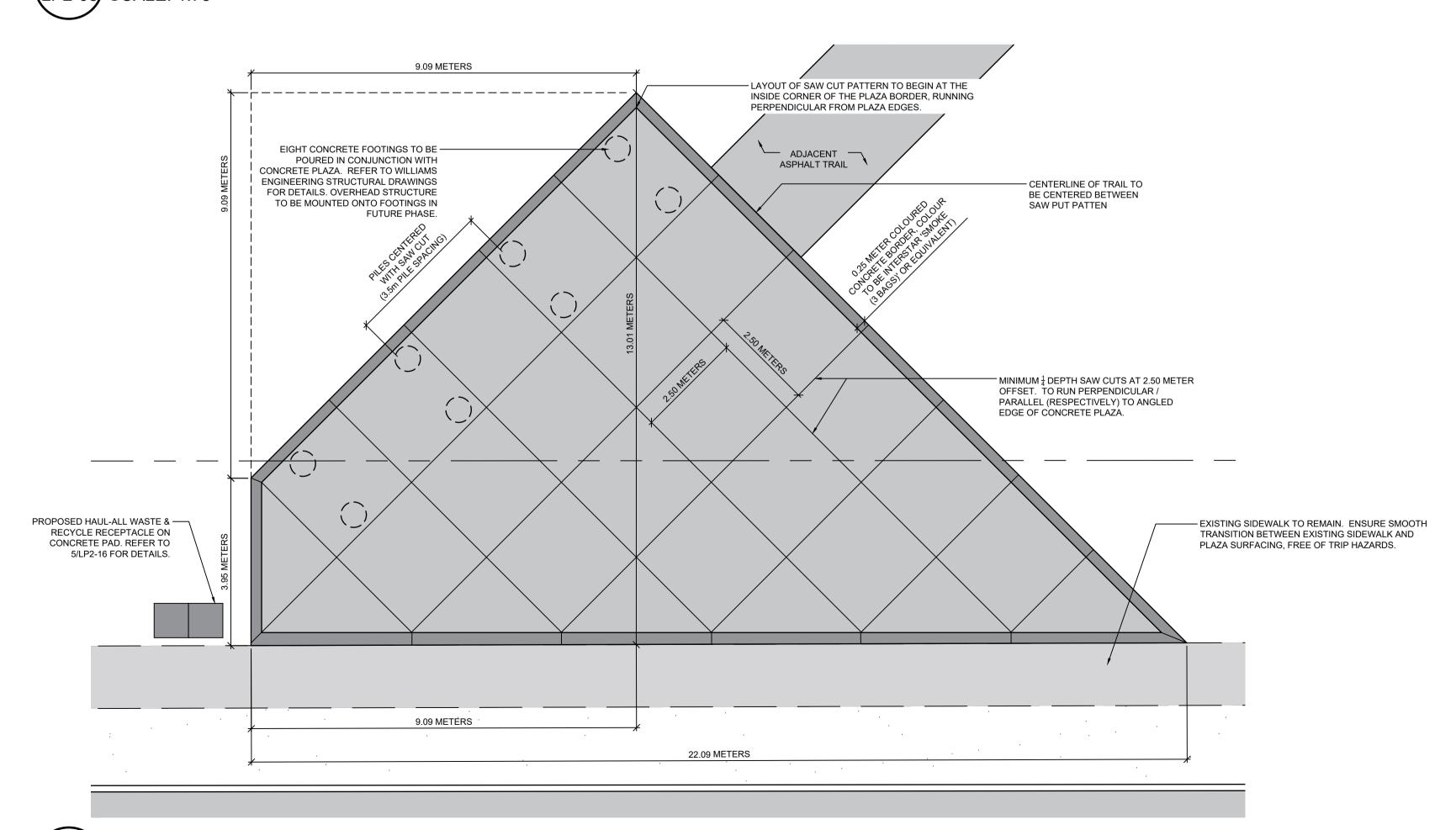
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32195 - McArthur Park - PH2.dwg	32195
NAME	PROJECT NO.

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1:500							

LAYOUT PLAN - SOUTH PHASE TWO MCARTHUR PARK



NORTH PLAZA ENLARGEMENT







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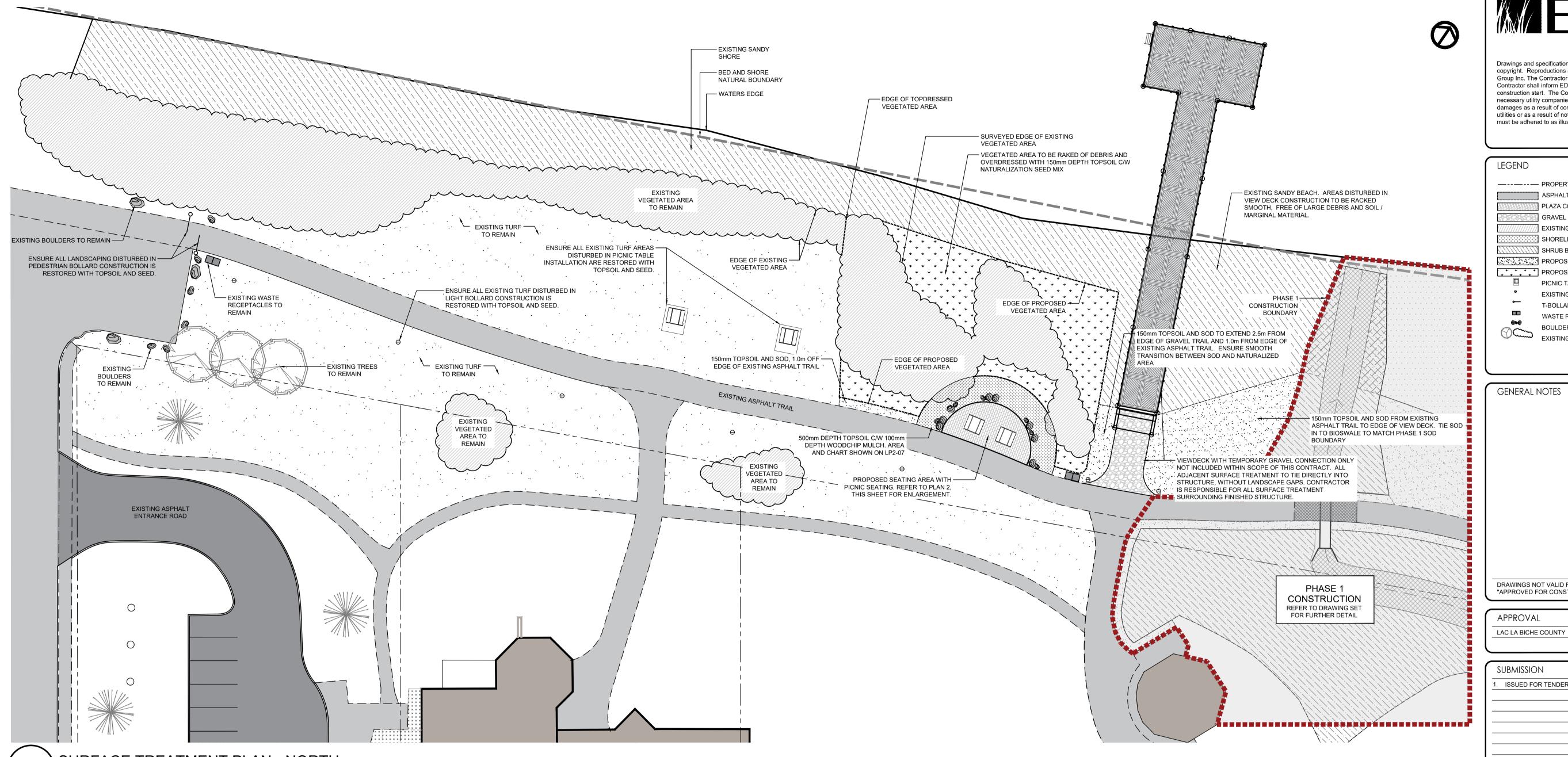
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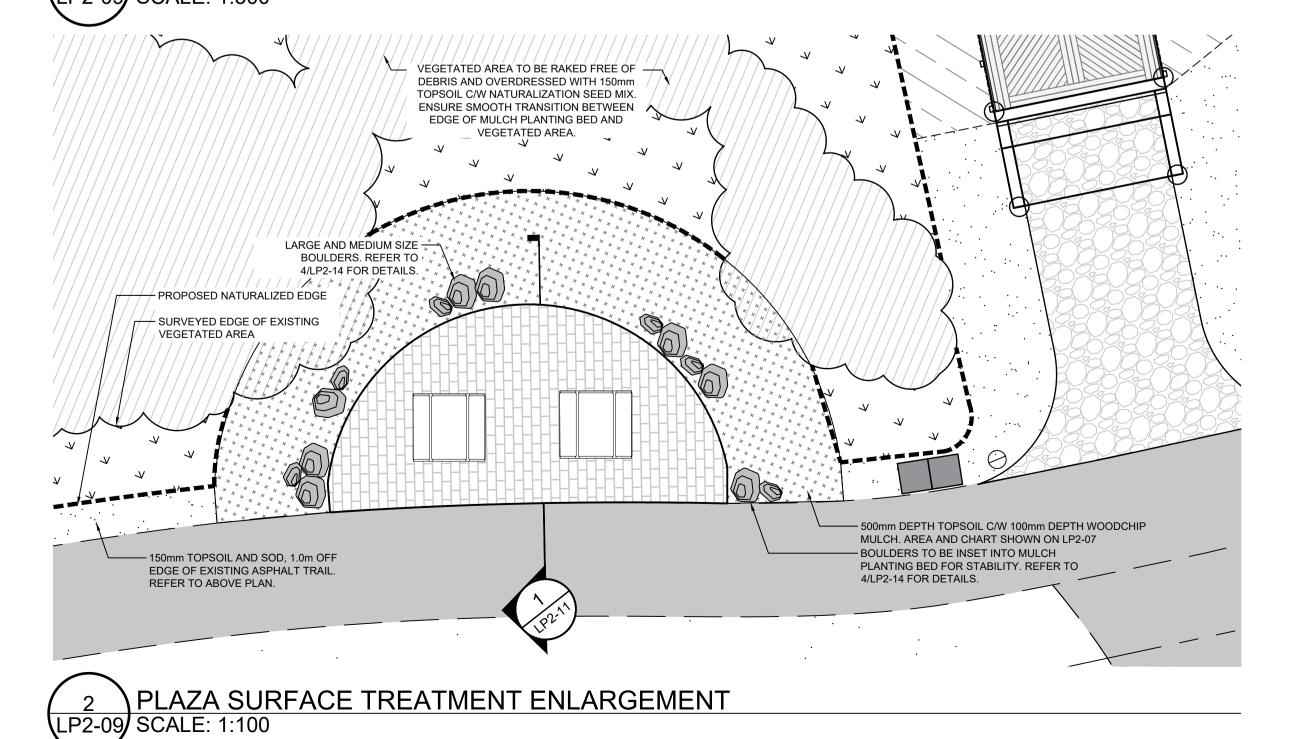
SCALE AS SHOWN SCALE SHOWN REPRESENTS DRAWINGS PRINTED ON A1 ONLY

PLAZA LAYOUT AND SAWCUT PLAN PHASE TWO

MCARTHUR PARK



1 SURFACE TREATMENT PLAN - NORTH LP2-09 SCALE: 1:500

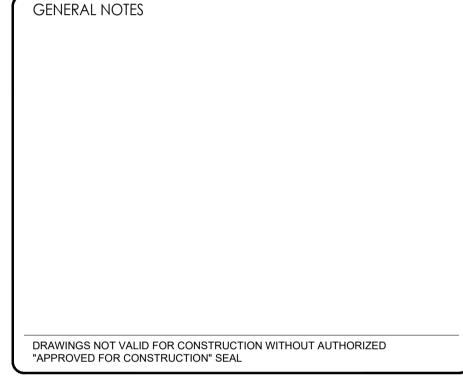


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LEGEND	
	- PROPERTY LINE
	ASPHALT SURFACE
	PLAZA CONCRETE SURFACE
	GRAVEL SURFACE
///////////////////////////////////////	EXISTING VEGETATED AREA
	SHORELINE SAND AND VEGETATION
	SHRUB BED MULCH SURFACE
	PROPOSED SOD AREA
· + + + + + + + + + + + + + + + + + + +	PROPOSED NATURALIZED SEED
	PICNIC TABLE
θ	EXISTING BOLLARD
•	T-BOLLARD
-	WASTE RECEPTACLE
600	BOULDERS WITH MULCH PLANTING
	EXISTING TREES/TREE STAND



SUBMISSION			
ISSUED FOR TENDER	K.B.	J.B.	11.03.24
	BY	APPVD.	DD.MM.YY

APPVD. DD.MM.YY

SEAL		

32195 - McArthur Park - PH2.dwg	32195
NAME	PROJECT NO.

SCALE

AS SHOWN

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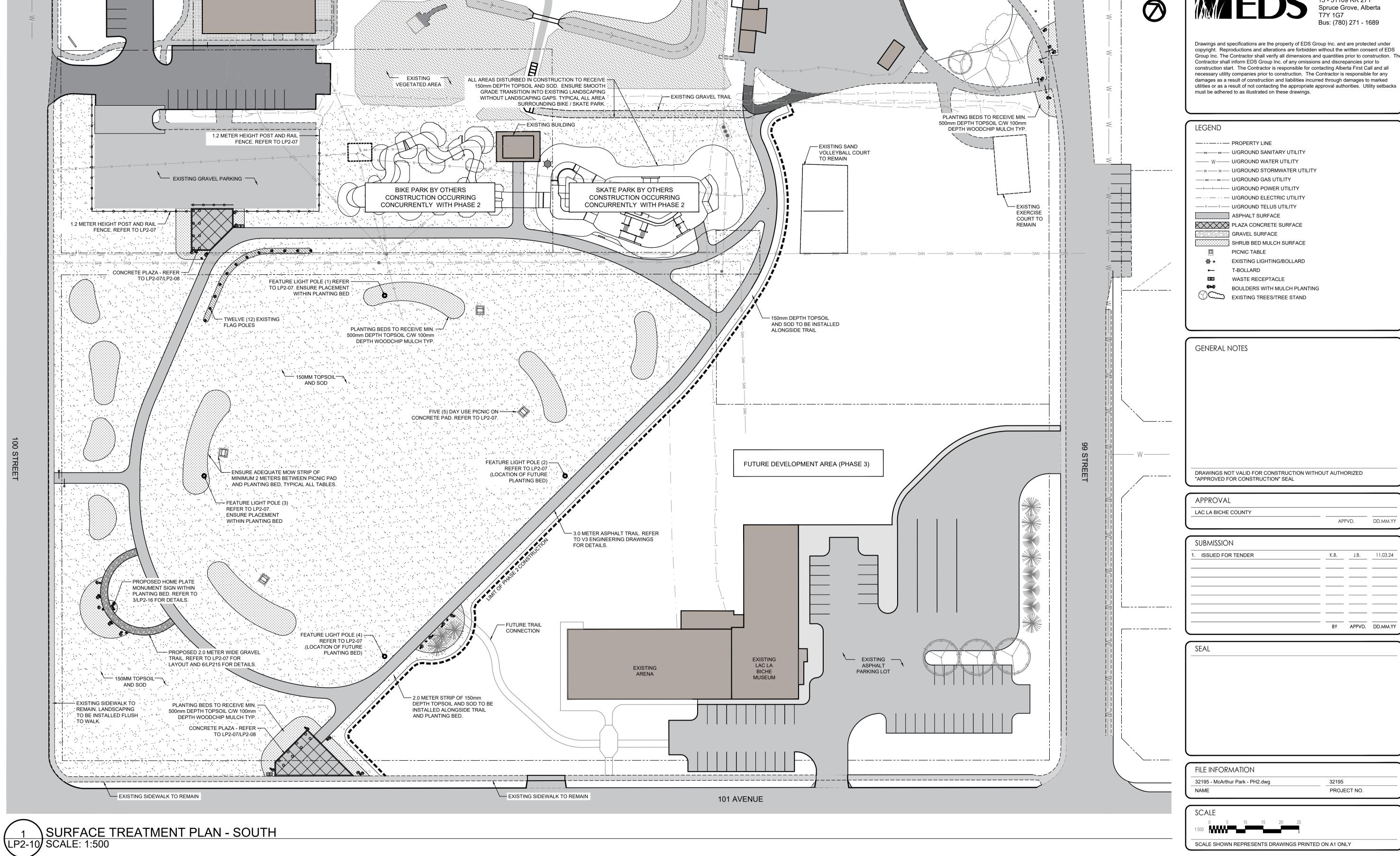
SURFACE TREATMENT PLAN - NORTH

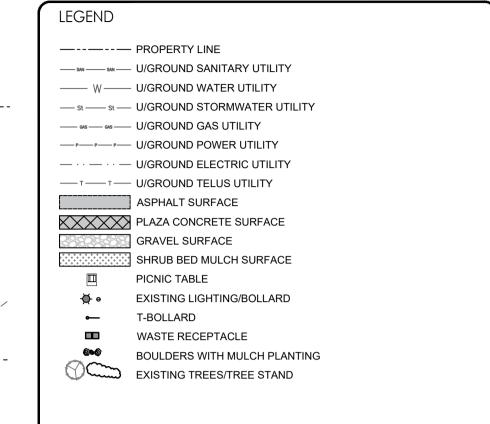
PHASE TWO

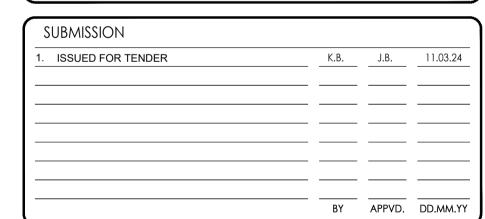
MCARTHUR PARK

LAC LA BICHE, ALBERTA

LP2-09

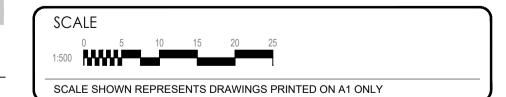




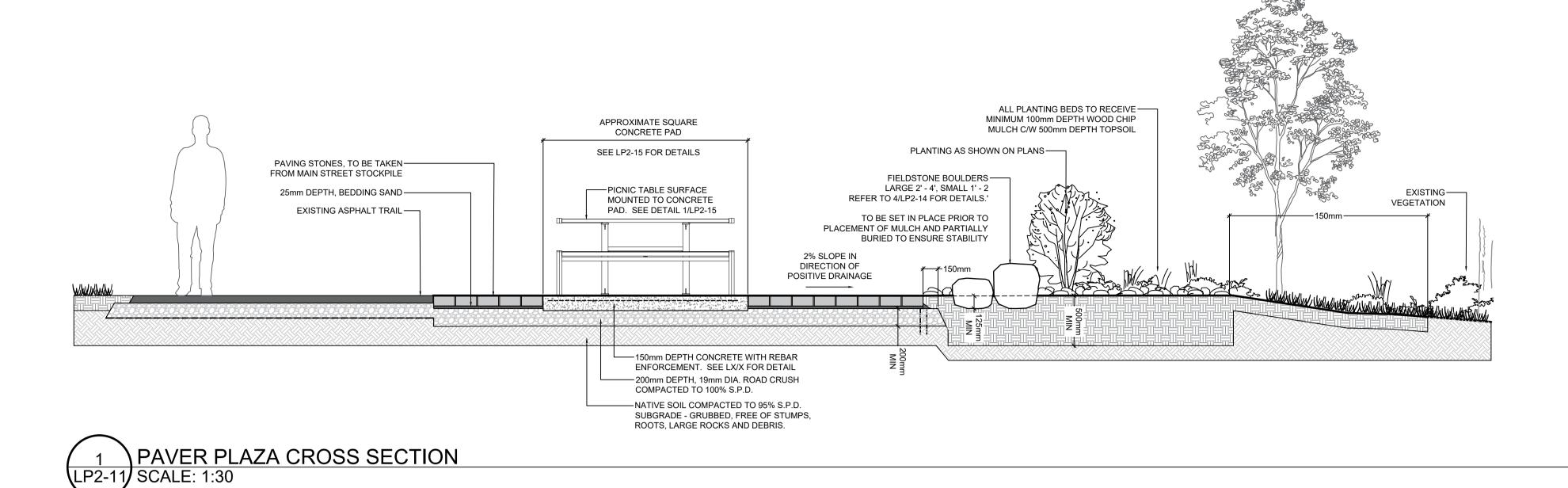




FILE INFORMATION	
32195 - McArthur Park - PH2.dwg	32195
NAME	PROJECT NO.



SURFACE TREATMENT PLAN - SOUTH PHASE TWO MCARTHUR PARK

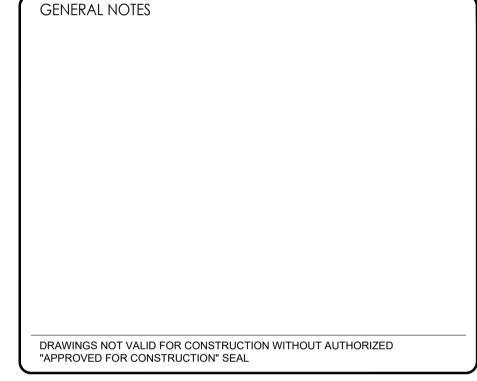


LARGE 2' - 4', SMALL 1' - 2' PLAZA AREA CONCRETE SURFACE TO BE SET IN PLACE PRIOR TO PLACEMENT OF MULCH SEE LP2-08 FOR DETAILS AND PARTIALLY BURIED TO ENSURE STABILITY TIMBER OVERHEAD STRUCTURE
INSTALLED IN FUTURE PHASE — ALL PLANTING BEDS TO RECEIVE MINIMUM 100mm DEPTH WOOD CHIP MULCH C/W 500mm DEPTH TOPSOIL ALL PLANTING BEDS TO RECEIVE —— MINIMUM 100mm DEPTH WOOD CHIP MULCH C/W 500mm DEPTH TOPSOIL PLANTING AS SHOWN ON PLANS HAUL-ALL WASTE RECEPTACLES ON CONCRETE BASE. PROVIDED BY THE COUNTY PLANTING AS SHOWN ON PLANS SURFACE DIRECTLY UNDER WASTE RECEPTACLES TO BE COMPACTED TO 95% S.P.D. FUTURE BENCH, TO BE SURFACE MOUNTED ONTO CONCRETE PAD -500Ø x 600mm DEPTH, CONCRETE -150mm DEPTH CONCRETE WITH REBAR PILE. MOUNTED TO HELICAL (SCREW) ENFORCEMENT. REFER TO 5/LP2-15 FOR DETAILS. PILE. SEE STRUCTURAL DRAWINGS The state of the s - 200mm DEPTH, 19mm DIA. ROAD CRUSH COMPACTED TO 100% S.P.D. -NATIVE SOIL COMPACTED TO 95% S.P.D. SUBGRADE - GRUBBED, FREE OF STUMPS, ROOTS, LARGE ROCKS AND

2 CONCRETE PLAZA CROSS SECTION LP2-11 SCALE: 1:30 EDS Group Inc.
15 - 51109 RR 271
Spruce Grove, Alberta
T7Y 1G7
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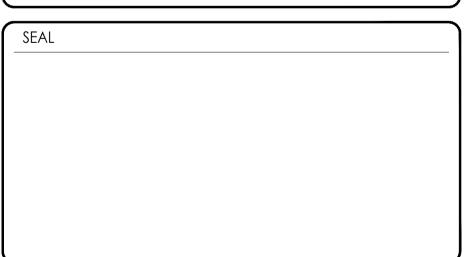
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APPROVAL		
LAC LA BICHE COUNTY		
	APPVD.	DD.MM

SUBMISSION			
1. ISSUED FOR TENDER	K.B.	J.B.	11.03.24
	BY	APPVD.	DD.MM.YY



FILE INFORMATION	
32195 - McArthur Park - PH2.dwg	32195
NAME	PROJECT NO.

SCALE AS SHOWN

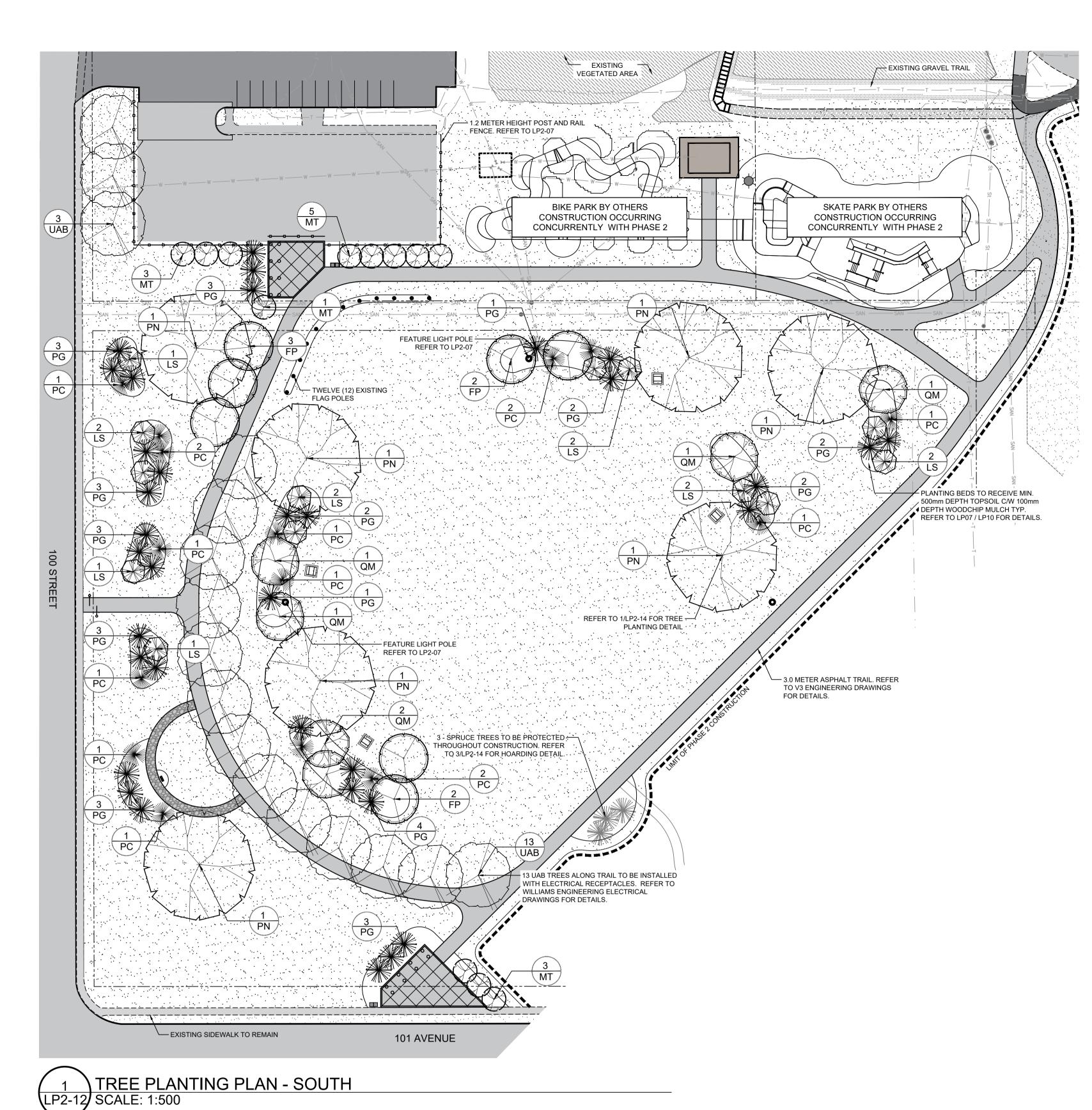
CROSS SECTIONS AND PLAZA ENLARGEMENT PLAN PHASE TWO

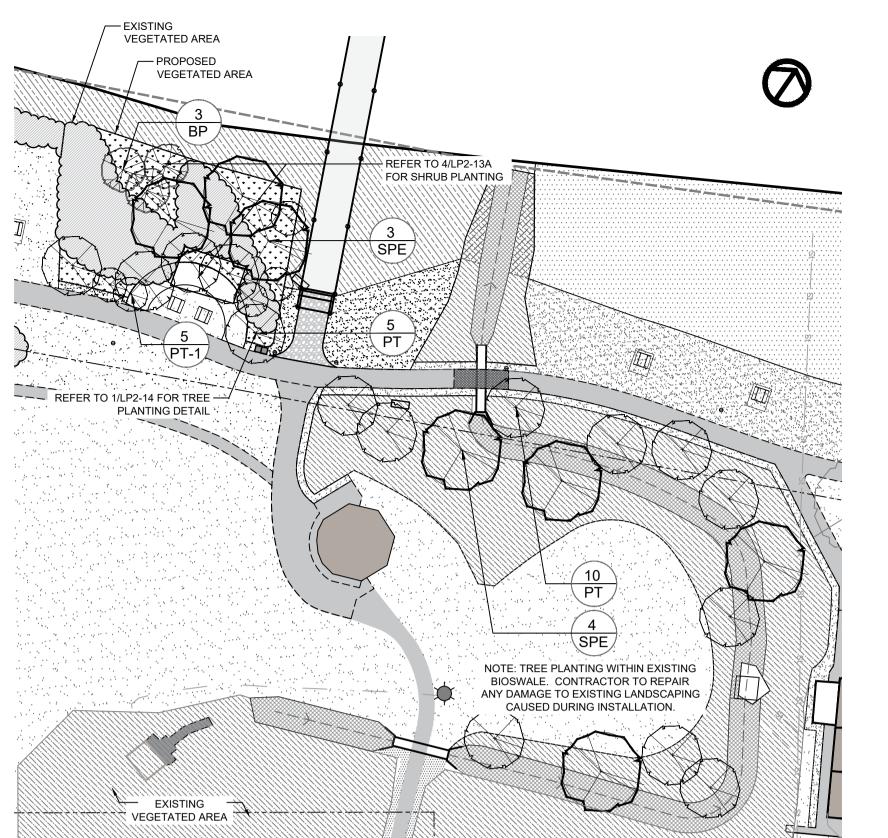
SCALE SHOWN REPRESENTS DRAWINGS PRINTED ON A1 ONLY

MCARTHUR PARK

LAC LA BICHE, ALBERTA

I P2-1





TREE PLANTING PLAN - NORTH LP2-12 SCALE: 1:500

SIZE CONDITION QTY./KEY **BOTANICAL NAME** 

#### DECIDIONIC TREEC

DECIDUOUS TRE	ES		
3 BP	Betula papyrifera PAPER BIRCH	15-20mm Cal.	OVERALL BRANCHING HEIGHT TO BE 1500-2000mm LOWEST BRANCHING HEIGHT TO BE 800mm MINIMUM 7 (SEVEN) BRANCHES PER TREE TREE TO BE BALLED & BURLAP WITH WIRE BASKET ROOT BALL TO HAVE A MIN. 500mmØ
(7) FP	Fraxinus pennsylvanica GREEN ASH	60mm Cal.	OVERALL BRANCHING HEIGHT TO BE 3000-3500mm LOWEST BRANCHING HEIGHT TO BE 1200mm MINIMUM 10 (TEN) BRANCHES PER TREE TREE TO BE BALLED & BURLAP WITH WIRE BASKET ROOT BALL TO HAVE A MIN. 700mmØ
MT MT	Malus adstringens 'Thunderchild' THUNDERCHILD FLOWERING CRAB	60mm Cal.	OVERALL BRANCHING HEIGHT TO BE 3000-3500mm LOWEST BRANCHING HEIGHT TO BE 1200mm MINIMUM 10 (TEN) BRANCHES PER TREE TREE TO BE BALLED & BURLAP WITH WIRE BASKET ROOT BALL TO HAVE A MIN. 700mmØ
PN PN	Populus x jackii 'Northwest' NORTHWEST POPLAR	60mm Cal.	OVERALL BRANCHING HEIGHT TO BE 3000-3500mm LOWEST BRANCHING HEIGHT TO BE 1200mm MINIMUM 10 (TEN) BRANCHES PER TREE TREE TO BE BALLED & BURLAP WITH WIRE BASKET ROOT BALL TO HAVE A MIN. 700mmØ
PT PT	Populus tremuloides TREMBLING ASPEN	15-20mm Cal.	OVERALL BRANCHING HEIGHT TO BE 1500-2000mm LOWEST BRANCHING HEIGHT TO BE 800mm MINIMUM 7 (SEVEN) BRANCHES PER TREE TREE TO BE BALLED & BURLAP WITH WIRE BASKET ROOT BALL TO HAVE A MIN. 500mmØ
5 PT-1	Populus tremuloides TREMBLING ASPEN	5 GALLON POT	OVERALL BRANCHING HEIGHT TO BE 1500-2000mm LOWEST BRANCHING HEIGHT TO BE 600mm MINIMUM 5 (FIVE) BRANCHES PER TREE TREE TO BE POTTED
6 QM	Quercus macrocarpa BUR OAK	60mm Cal.	OVERALL BRANCHING HEIGHT TO BE 3000-3500mm LOWEST BRANCHING HEIGHT TO BE 1200mm MINIMUM 10 (TEN) BRANCHES PER TREE TREE TO BE BALLED & BURLAP WITH WIRE BASKET ROOT BALL TO HAVE A MIN. 700mmØ
7 SPE	Salix pentandra LAUREL LEAF WILLOW	15-20mm Cal.	OVERALL BRANCHING HEIGHT TO BE 1500-2000mm LOWEST BRANCHING HEIGHT TO BE 800mm MINIMUM 7 (SEVEN) BRANCHES PER TREE TREE TO BE BALLED & BURLAP WITH WIRE BASKET ROOT BALL TO HAVE A MIN. 500mmØ
UAB	Ulmus americana ' Brandon' BRANDON ELM	60mm Cal.	OVERALL BRANCHING HEIGHT TO BE 3000-3500mm LOWEST BRANCHING HEIGHT TO BE 1200mm MINIMUM 10 (TEN) BRANCHES PER TREE

# **CONIFEROUS TREES**

LS LS	Larix sibirica SIBERIAN LARCH	2000 Ht.	OVERALL BRANCHING HEIGHT TO BE 2000mm LOWEST BRANCHING HEIGHT TO BE 300mm TREE TO BE BALLED & BURLAP WITH WIRE BASKET ROOT BALL TO HAVE A MIN. 700mmØ
35 PG	Picea glauca WHITE SPRUCE	2000 Ht.	OVERALL BRANCHING HEIGHT TO BE 2000mm LOWEST BRANCHING HEIGHT TO BE 300mm TREE TO BE BALLED & BURLAP WITH WIRE BASKET ROOT BALL TO HAVE A MIN. 700mmØ
15 PC	Pinus cembra SWISS STONE PINE	2000 Ht.	OVERALL BRANCHING HEIGHT TO BE 2000mm LOWEST BRANCHING HEIGHT TO BE 300mm TREE TO BE BALLED & BURLAP WITH WIRE BASKET ROOT BALL TO HAVE A MIN. 700mmØ

ROOT BALL TO HAVE A MIN. 700mmØ

TREE TO BE BALLED & BURLAP WITH WIRE BASKET



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LEGEND		
	— PROPERTY LINE	
SAN SAN -	— U/GROUND SANITARY UTILITY	
—— W—	— U/GROUND WATER UTILITY	
St St -	— U/GROUND STORMWATER UTILITY	
——— GAS ——— GAS —	— U/GROUND GAS UTILITY	
P	— U/GROUND POWER UTILITY	
_ · · · _ · ·	— U/GROUND ELECTRIC UTILITY	
— т — т —	— U/GROUND TELUS UTILITY	
	ASPHALT SURFACE	
$\times\!\!\!\times\!\!\!\times\!\!\!\times$	PLAZA CONCRETE SURFACE	
	GRAVEL SURFACE	
	PICNIC TABLE	
₩•	EXISTING LIGHTING/BOLLARD	
•—	T-BOLLARD	
	WASTE RECEPTACLE	
<b>ର</b> କ୍ତ	BOULDERS WITH MULCH PLANTING	

GENERAL NOTES				
DRAWINGS NOT VALID F		WITHOUT A	UTHORIZED	

APPROVAL

LAC LA BICHE COUNTY

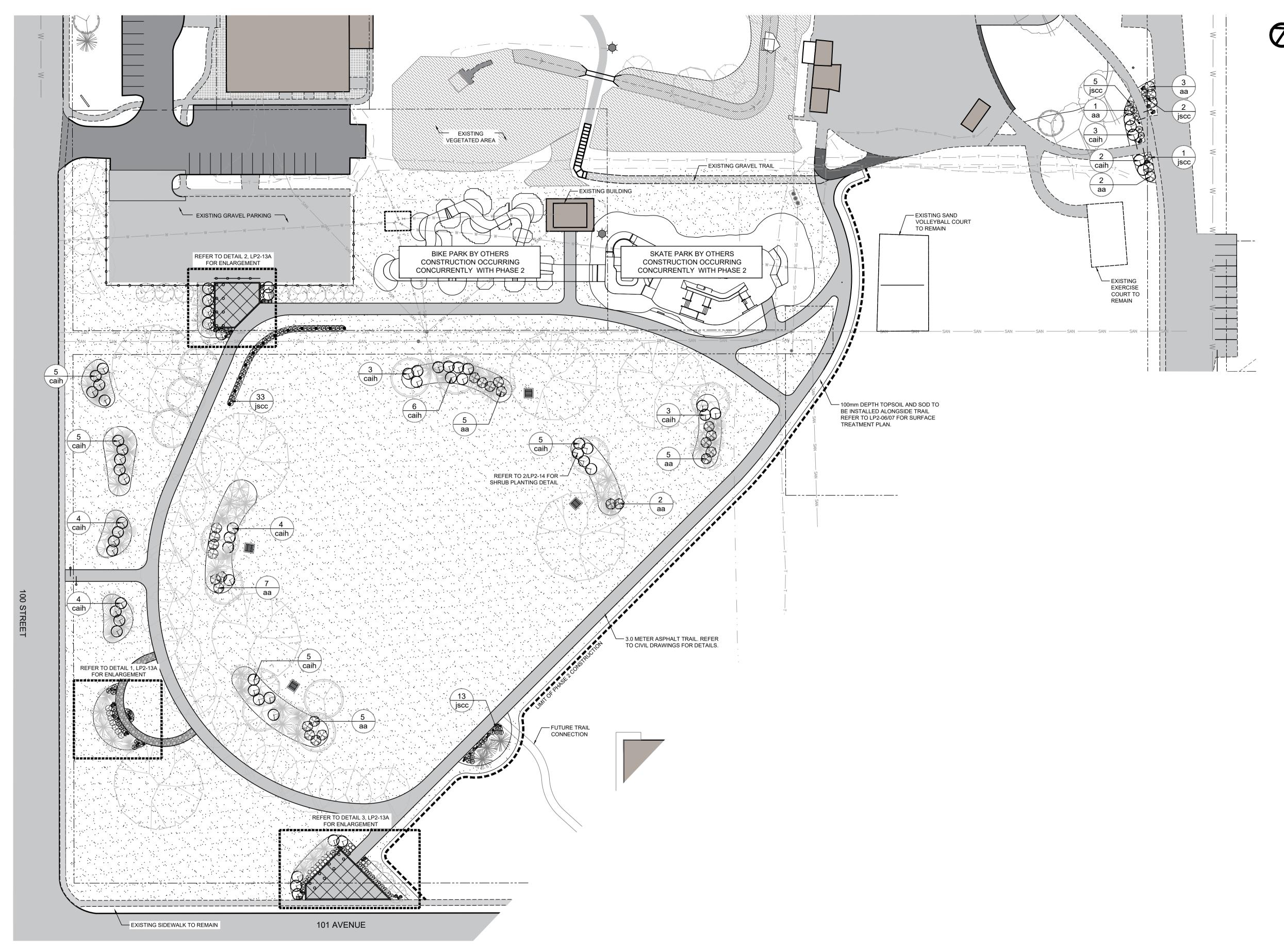
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SEAL			

FILE INFORMATION	
32195 - McArthur Park - PH2.dwg	32195
NAME	PROJECT NO.

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1:500							

TREE PLANTING PLAN PHASE TWO	
MCARTHUR PARK	



1 SHRUB PLANTING PLAN LP2-13 SCALE: 1:500

GENERAL NOTES

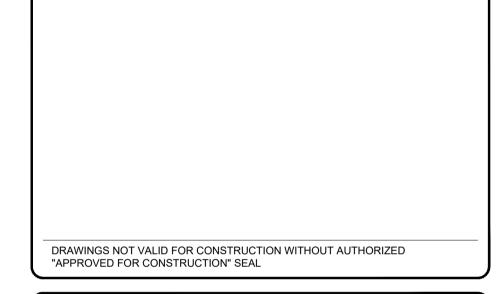
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Spruce Grove, Alberta

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	— PROPERTY LINE
SAN SAN	— U/GROUND SANITARY UTILITY
—— W—	— U/GROUND WATER UTILITY
St St	<ul> <li>U/GROUND STORMWATER UTILITY</li> </ul>
—— GAS —— GAS —	— U/GROUND GAS UTILITY
P P P	— U/GROUND POWER UTILITY
	<ul> <li>U/GROUND ELECTRIC UTILITY</li> </ul>
	— U/GROUND TELUS UTILITY
	ASPHALT SURFACE
$\times\!\!\times\!\!\times\!\!\times$	PLAZA CONCRETE SURFACE
	GRAVEL SURFACE
	PICNIC TABLE
₩ •	EXISTING LIGHTING/BOLLARD
•	T-BOLLARD
	WASTE RECEPTACLE
<b>ର</b> •୬	BOULDERS WITH MULCH PLANTING



K.B.	J.B.	11.03.24
	K.B.	K.B. J.B.

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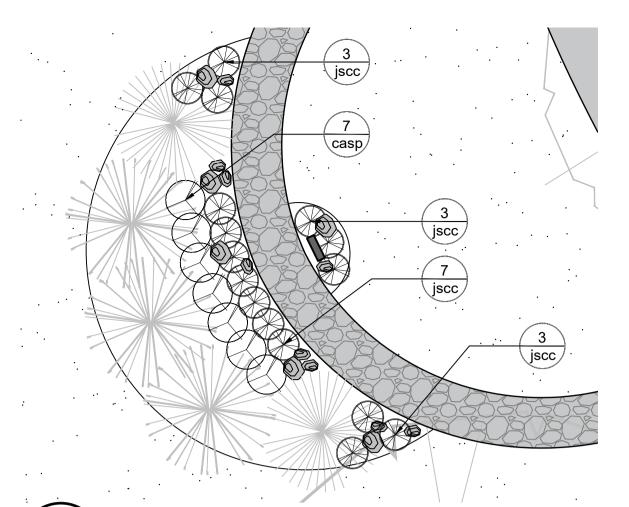
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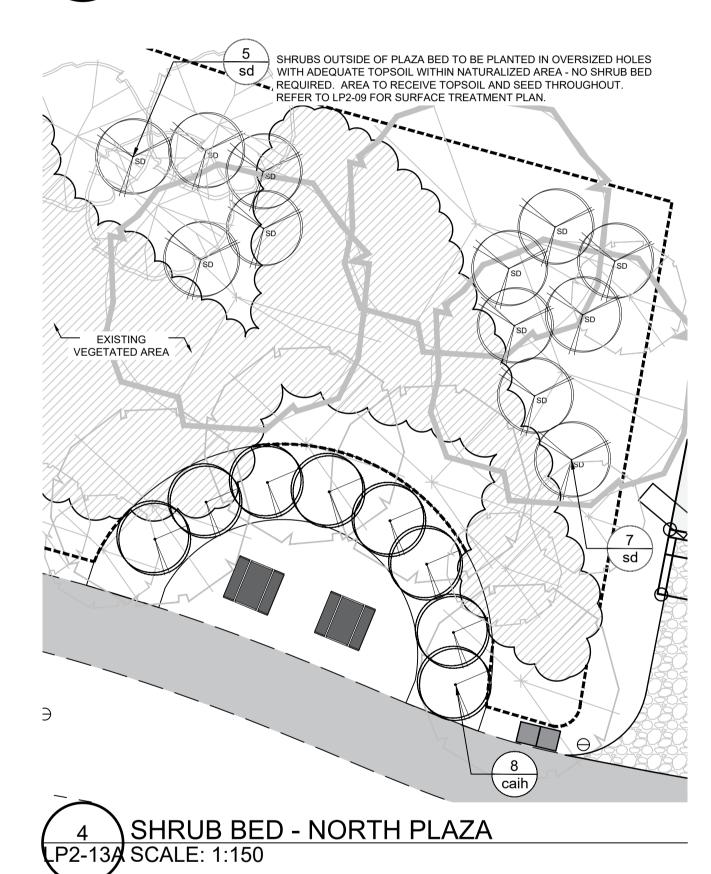
SHRUB PLANTING PLAN PHASE TWO	
MCARTHUR PARK	

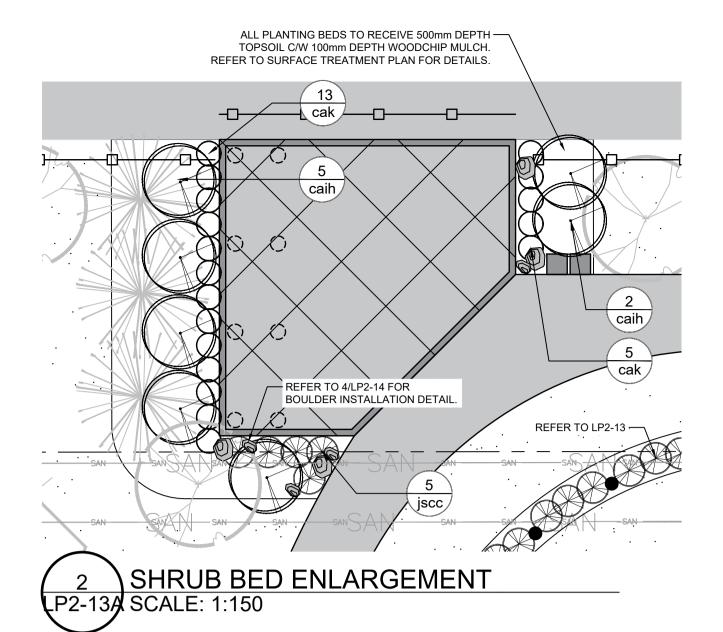
LAC LA BICHE, ALBERTA

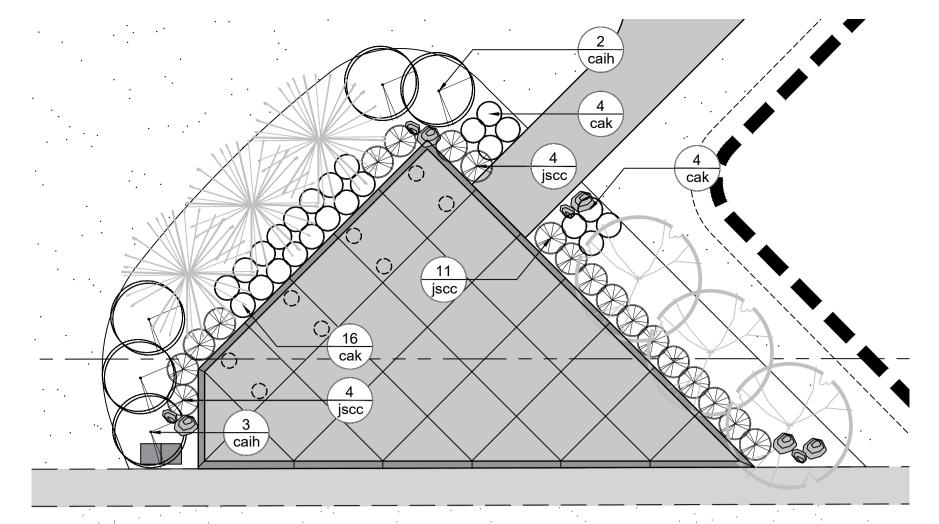
LP2-13



1 SHRUB BED ENLARGEMENT P2-134 SCALE: 1:150







3 SHRUB BED ENLARGEMENT P2-134 SCALE: 1:150

QTY./KEY	BOTANICAL NAME	SIZE	CONDITION
DECIDUOU	IS SHRUBS		
30 aa	Amelanchier alnifolia NATIVE SASKATOON	500mm Ht.	MINIMUM 10 (TEN) CANES PER SHRUB SHRUB SHALL BE CONTAINER GROWN MINIMUM ROOT SPREAD TO BE 300mm
69 caih	Cornus alba 'Baihalo" IVORY HALO DOGWOOD	500mm Ht.	MINIMUM 10 (TEN) CANES PER SHRUB SHRUB SHALL BE CONTAINER GROWN MINIMUM ROOT SPREAD TO BE 300mm
7 casp	Cornus alba 'Siberian Pearls' SIBERIAN PEARLS DOGWOOD	500mm Ht.	MINIMUM 10 (TEN) CANES PER SHRUB SHRUB SHALL BE CONTAINER GROWN MINIMUM ROOT SPREAD TO BE 300mm
12 sd	Salix disolor PUSSY WILLOW	500mm Ht.	MINIMUM ROOT SPREAD TO BE 300mm MINIMUM 10 (TEN) CANES PER SHRUB SHRUB SHALL BE CONTAINER GROWN
CONIFERO	US SHRUBS		
94 jscc	Juniperus sabina 'Calgary Carpet' CALGARY CARPET JUNIPER	600mm spr.	MINIMUM 10 (TEN) CANES PER SHRUB SHRUB SHALL BE CONTAINER GROWN MINIMUM ROOT SPREAD TO BE 300mm
PERENNIA	L GRASSES		
42 cak	Calamagrostis x acutiflora 'Karl Foerster' KARL FOERSTER FEATHER REED GRASS	6" POT	PERENNIAL SHALL BE CONTAINER GROW MINIMUM ROOT SPREAD TO BE 150mm



GENERAL NOTES

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LEGEND		

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LAC LA BICHE COUNTY		
	APPVD.	DD.MM.YY

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FILE INFORMATION	
32195 - McArthur Park - PH2.dwg	32195
NAME	PROJECT NO.

SCALE

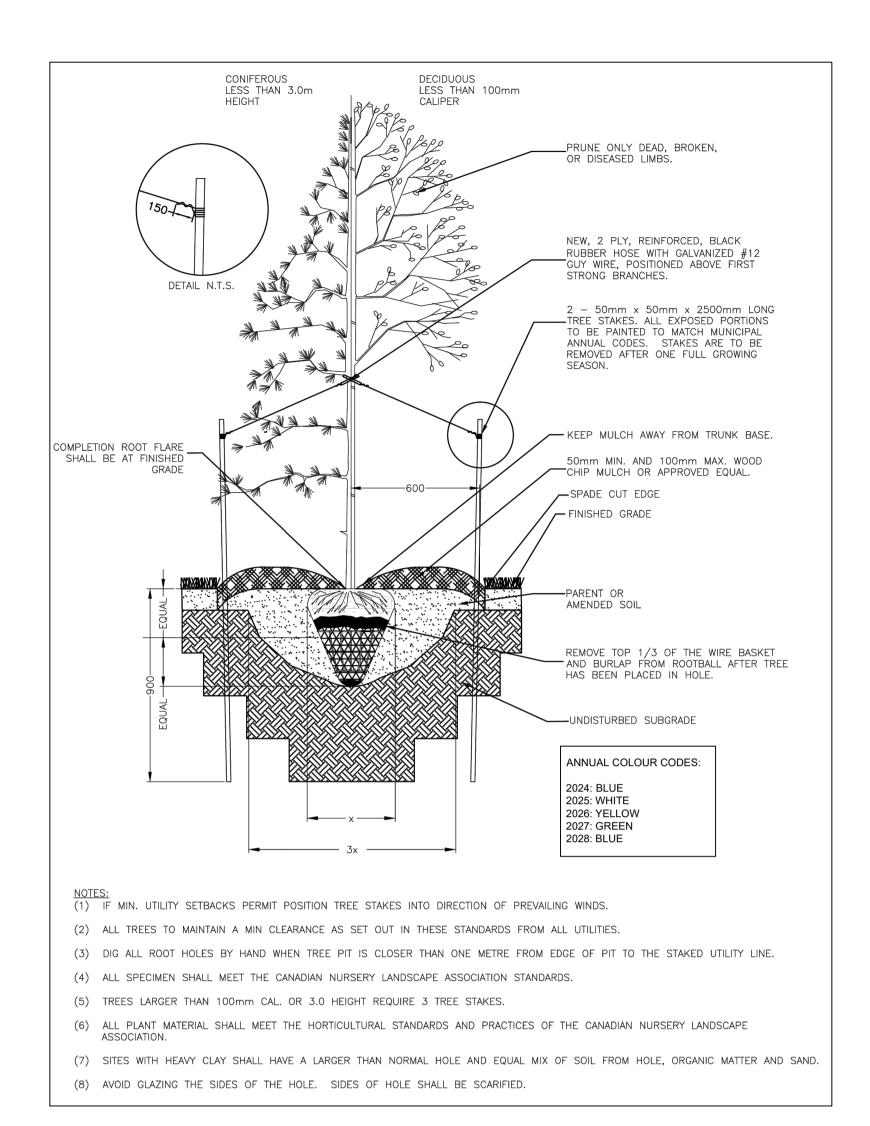
**AS SHOWN** 

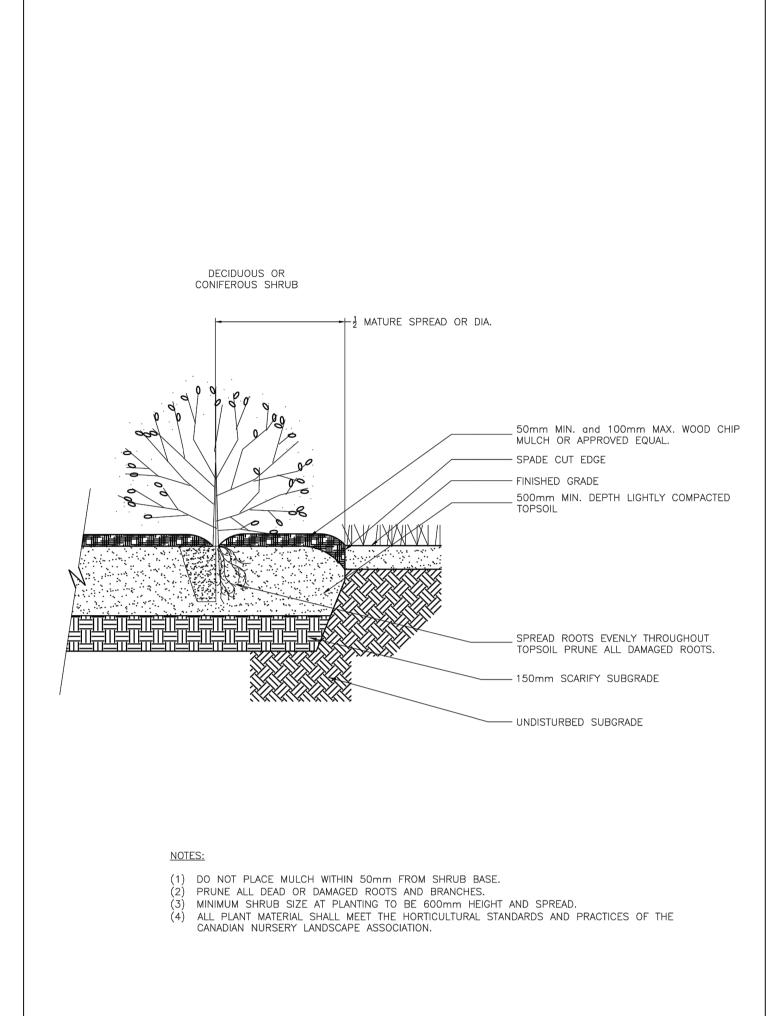
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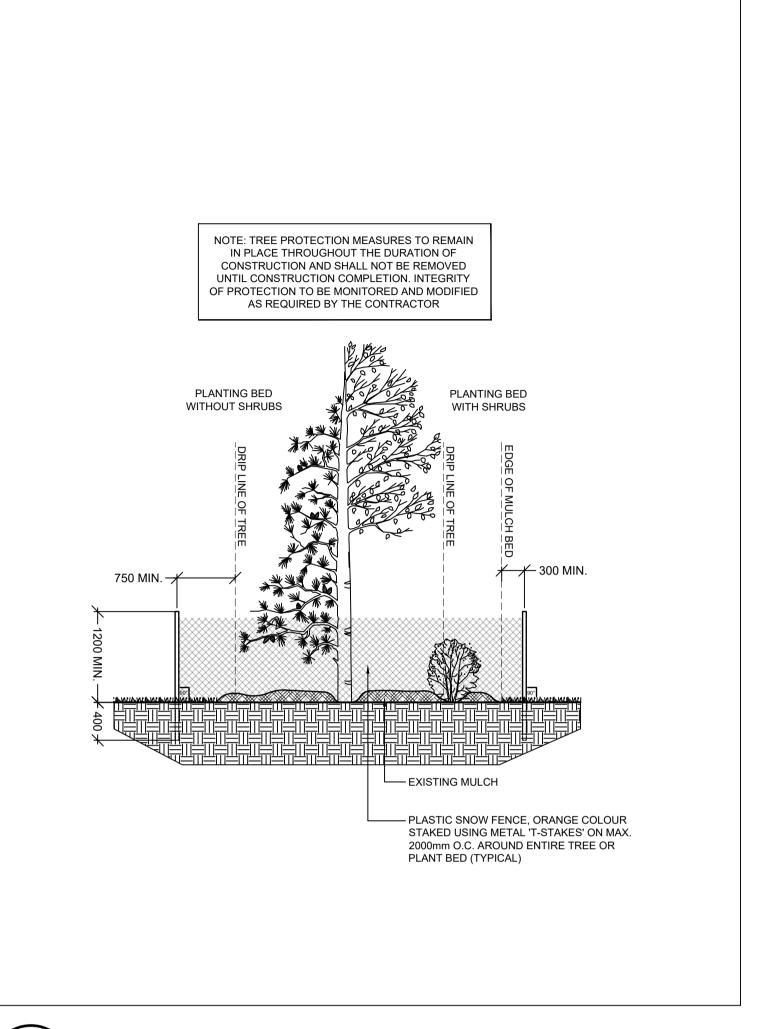
SHRUB PLANTING PLAN
PHASE TWO
MCARTHUR PARK

LAC LA BICHE, ALBERTA

I P2-1







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32195 PROJECT NO.

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PHASE TWO

DETAILS - PLANTING

MCARTHUR PARK

LAC LA BICHE, ALBERTA

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LAC LA BICHE COUNTY

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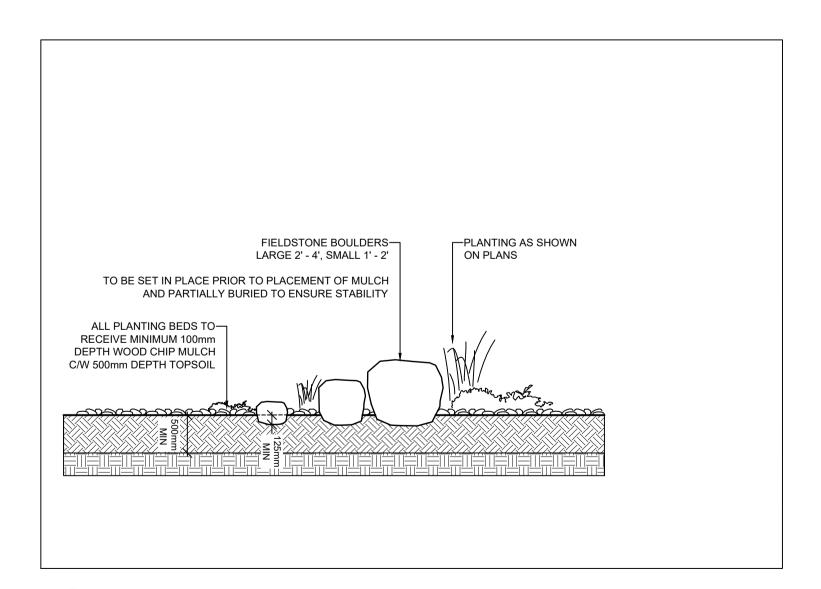
Group Inc. The Contractor shall verify all dimensions and quantities prior to construction. The Contractor shall inform EDS Group Inc. of any omissions and discrepancies prior to construction start. The Contractor is responsible for contacting Alberta First Call and all necessary utility companies prior to construction. The Contractor is responsible for any damages as a result of construction and liabilities incurred through damages to marked utilities or as a result of not contacting the appropriate approval authorities. Utility setbacks

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TREE HOARDING DETAIL
LP2-14 SCALE: 1:50



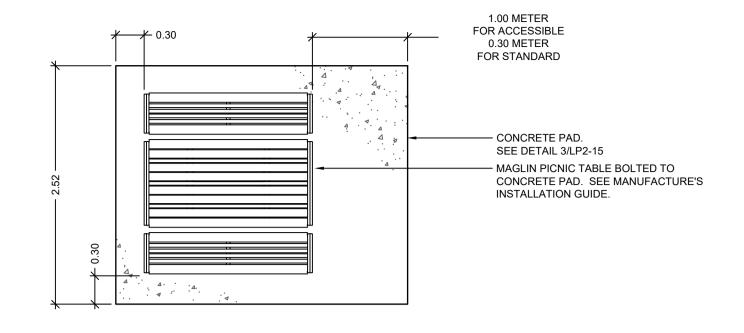


(4) BOULDER INSTALLATION DETAIL LP2-14) SCALE: 1:50

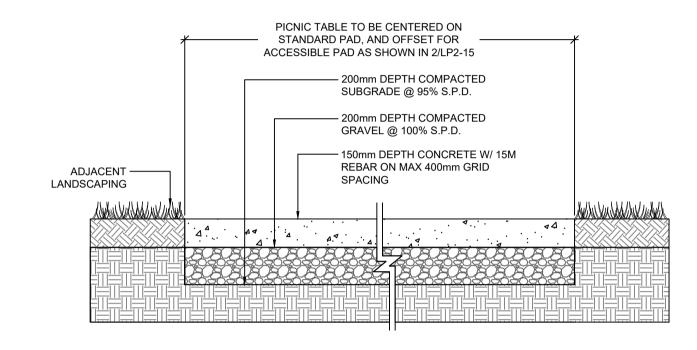






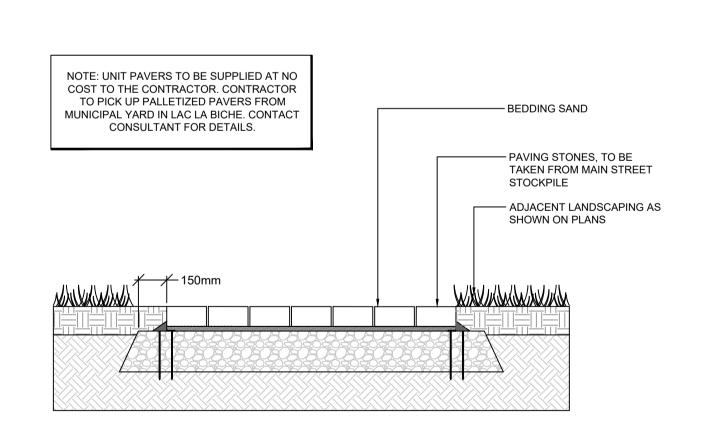


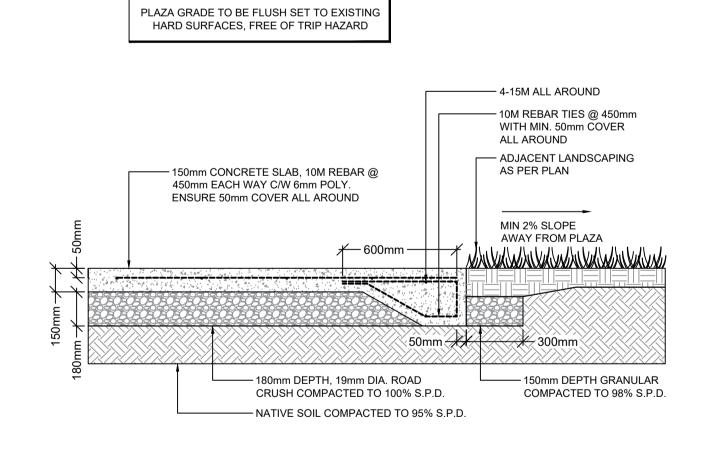
2 CONCRETE PAD LAYOUT - PICNIC TABLE LP2-15 SCALE: 1:20

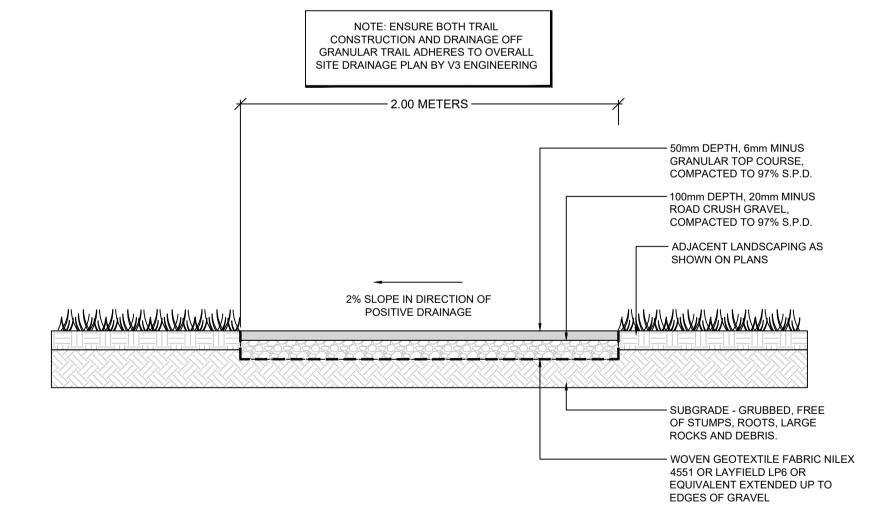


CONCRETE PAD DETAIL - PICNIC TABLE
LP2-15 SCALE: 1:20

NOTE: ENSURE BOTH PLAZA AND DRAINAGE OFF PLAZA ADHERES TO OVERALL SITE DRAINAGE PLAN BY V3 ENGINEERING







4 PAVER DETAIL SCALE: 1:20

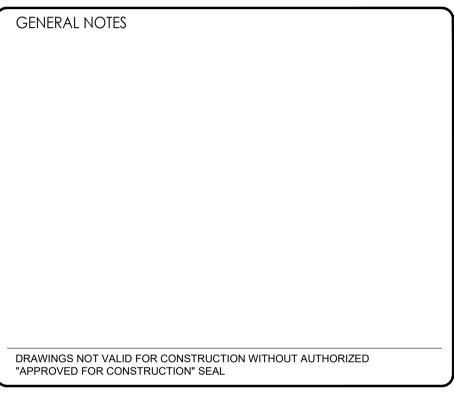
5 CONCRETE PLAZA DETAIL LP2-15 SCALE: 1:20

6 GRAVEL TRAIL DETAIL LP2-15 SCALE: 1:20

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FILE INFORMATION	
32195 - McArthur Park - PH2.dwg	32195
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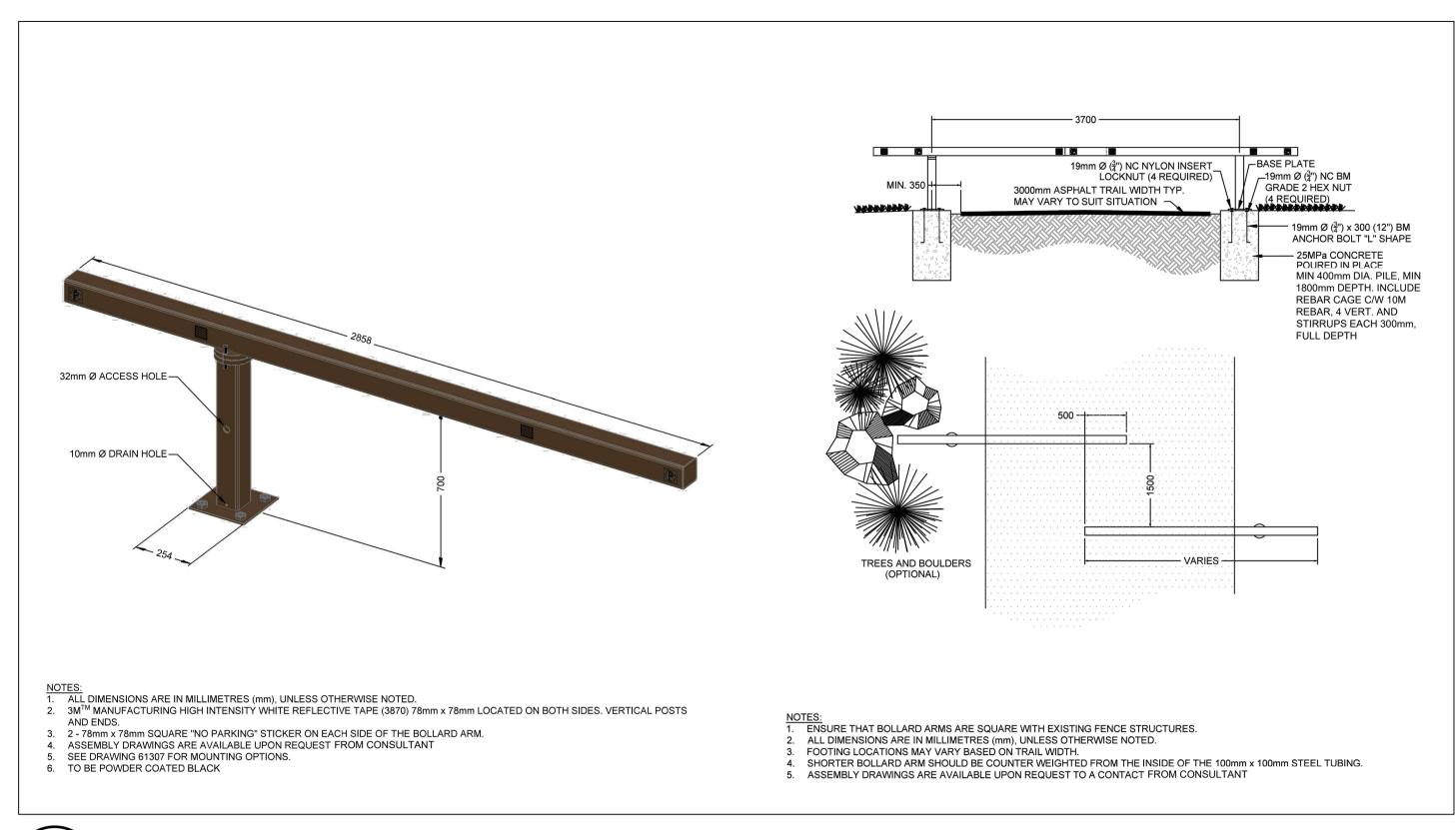
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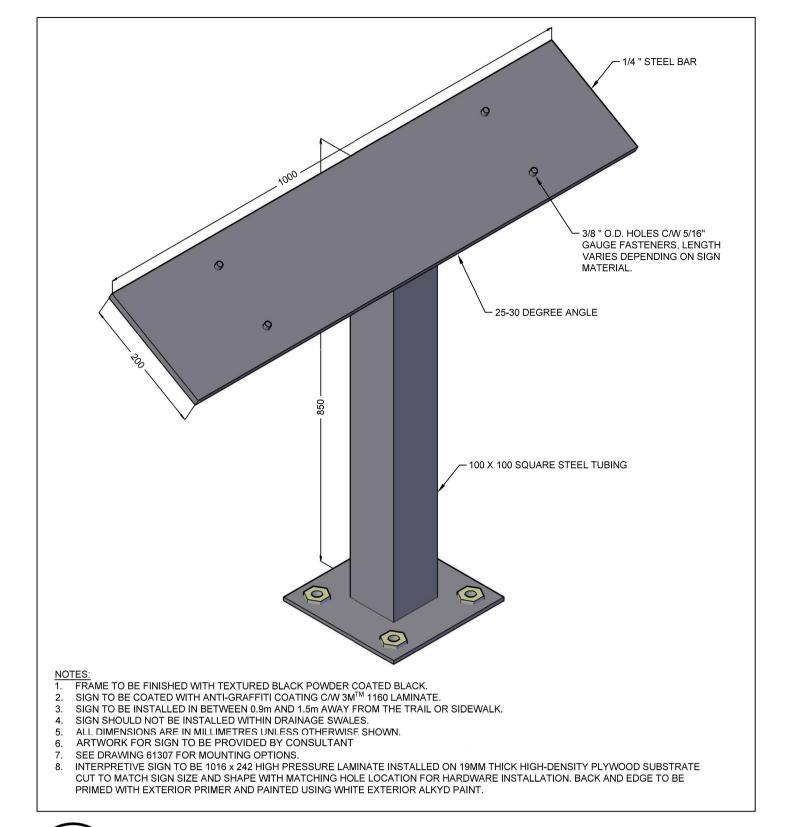
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DETAILS - SURFACE / AMENITY PHASE TWO MCARTHUR PARK

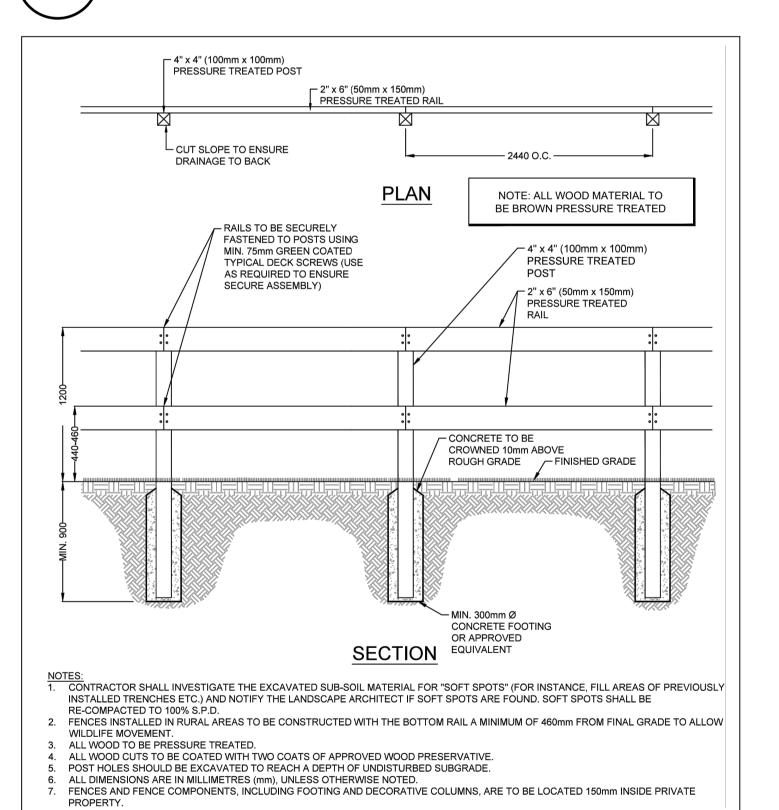
LAC LA BICHE, ALBERTA

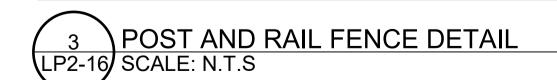
LP2-1

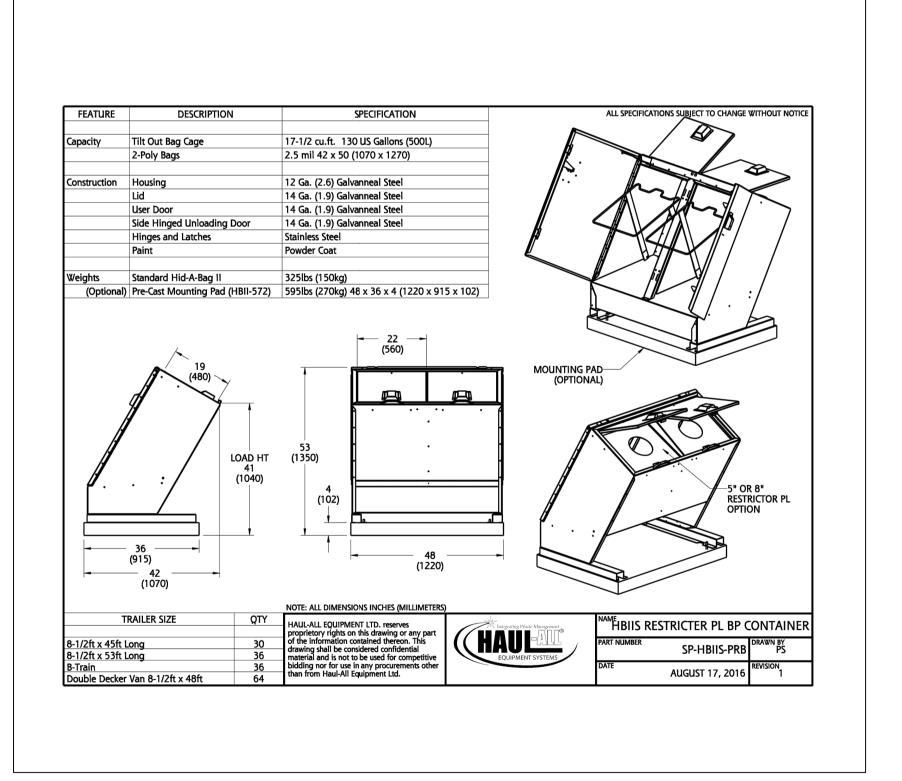




1 PEDESTRIAN BOLLARD DETAIL P2-16 SCALE: N.T.S 2 INTERPRETIVE SIGN BASE DETAIL LP2-16 SCALE: N.T.S







4 HAUL-ALL WASTE DETAIL LP2-16 SCALE: N.T.S



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SUBMISSION			
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FILE INFORMATION	
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NAME	PROJECT NO.

SCALE AS SHOWN

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DETAILS - AMENITY
PHASE TWO

MCARTHUR PARK

LAC LA BICHE, ALBERTA

IP2-16