

CONSULTANT - SUB-CONSULTANT:

SEAL:

CLIENT:



CLIENT REF. #:

PROJECT:

ÉCOLE ÉLÉMENTAIRE
BARRHAVEN-MANOTICK

KEY PLAN:

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DISCLAIMER:

THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND UTILITY LOCATIONS AND REPORT ALL ERRORS AND OMISSIONS PRIOR TO COMMENCING WORK. THIS DRAWING IS NOT TO BE SCALED.

ISSUED FOR - REVISION:

IS.	RV.	DATE	DESCRIPTION
-	10	22 JUL 2022	REISSUED FOR SITE PLAN CONTROL
-	9	18 JUL 2022	REISSUED FOR SPA
-	8	14 JUL 2022	ISSUED FOR ADDENDUM #3
-	7	30 JUN 2022	ISSUED FOR ADDENDUM #3
-	6	21 MAR 2022	ISSUED FOR BID AND PERMIT
-	5	14 JAN 2022	99% CD REVIEW
-	4	19 NOV 2021	85% CD REVIEW
-	3	24 SEP 2021	60% CD REVIEW
-	2	27 AUG 2021	RE-ISSUED FOR 30% CD REVIEW
-	1	04 AUG 2021	30% CD REVIEW

PROJECT NO: 219-00014-00 DATE: MARCH 2022

ORIGINAL SCALE: - IF THIS BAR IS NOT 25 mm LONG, ADJUST YOUR PLOTTING SCALE.

DESIGNED BY: AH

DRAWN BY: SG

CHECKED BY: AH

DISCIPLINE: LANDSCAPE

TITLE: SITE PLAN

SHEET NUMBER: L100

ISSUE: - OF - REV. # 0

DATE OF: -

LEGEND:

- CONCRETE SIDEWALK
- UNIT PAVERS
- LIGHT DUTY ASPHALT PAVING
- HEAVY DUTY ASPHALT PAVING
- SODDED AREA
- PLANTING BED
- ENGINEERED WOOD FIBER
- PROPERTY LINE
- 1.8m HT WOODSCREEN FENCE
- 1.2m HT CHAINLINK FENCE
- CONTOUR LINE
- ENLARGEMENT BOUNDARY
- DECIDUOUS TREE
- CONIFEROUS TREE
- CONIFEROUS SHRUB
- PERENNIAL GRASS
- DETAIL CALLOUT
- PLANT KEY
- NUMBERED PLANTS, REFER TO PLANT LIST
- SCOPE OF WORK LINE

SITE INFORMATION:

LEGAL DESCRIPTION:
BLOCK 261 REGISTERED PLAN
4M-1656, CITY OF OTTAWA

BEARINGS ARE GRID, DERIVED FROM REGISTERED PLAN 4M-1656 AND ARE REFERRED TO THE CENTRAL MERIDIAN OF 101° WEST (1983) WEST (LONGITUDE) NAD-83 (ORIGINAL).

EASEMENTS:
NONE

MUNICIPAL ADDRESS:
989 KILBIRNIE DR

SITE AREA:
28,337m² (305,022.9 FT²)

BUILDING AREA:
3,803.07m² (40,935.99 FT²)

MAX. BUILDING HEIGHT:
18m (59'-4")

ZONING INFORMATION:

ZONING:
MINOR INSTITUTIONAL ZONE (I1B)

PROPOSED LOT COVERAGE:
NO REQUIREMENT

SETBACKS:
MIN FRONT YARD: 6.50m (REQ. 6m)
MIN REAR YARD: 9.75m (REQ. 7.5m)
MIN CORNER SIDE YARD: 3.75m (REQ. 7.5m)
MIN. EXT. SIDE YARD: NO REQUIREMENT

MIN. LANDSCAPED OPEN SPACE:
NO REQUIREMENT

MIN. LANDSCAPED BUFFER FOR PARKING:
3m (REQ. 3m)

PARKING REQUIREMENTS:

1. SCHOOL, ELEMENTARY (SEC. 101, TABLE 1010, N81):
1.5 PER CLASSROOM (INCLUDING PORTABLES, ADMIN, CHILDCARE)
= 55 SPACES REQ.
61 PROVIDED

2. ACCESSIBLE PARKING REQ. (BY-LAW NO. 2017-301, SECTION 1111):
= 1 TYPE A SPOT REQ.
2 PROVIDED

BICYCLE PARKING:
SCHOOL: 1 PER 100m² OF GROSS FLOOR AREA - 47.41 REQ.
DAY CARE: 1 PER 250m² GFA - 1.3 REQ.
= 45 SPACES REQ.
56 PROVIDED

LAYOUT NOTES:

1. CONTRACTOR TO CONFIRM ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO CONTRACTOR ADMINISTRATOR PRIOR TO CONSTRUCTION
2. LAYOUT TO BE APPROVED BY CONTRACT ADMINISTRATOR PRIOR TO ANY CONSTRUCTION OR REMOVALS
3. ALL DIMENSIONS ARE IN METRIC UNLESS OTHERWISE NOTED
4. CONTRACTOR IS RESPONSIBLE FOR ALL EXCAVATIONS, REMOVALS, DISPOSALS AND ROUGH GRADING AS REQUIRED TO CONSTRUCTION ALL WORKS AS SHOWN ON PLANS, DETAILS AND SPECIFICATIONS
5. LOCATION OF ALL UTILITIES SHOWN FOR ILLUSTRATION ONLY. CONTRACTOR MUST CONTACT ALL UTILITIES REGARDING RULES FOR WORKING IN THE AREA OF THE UTILITIES PRIOR TO COMMENCEMENT OF ANY WORK. CONTRACTOR MUST CONFIRM LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION
6. ALL EXISTING ROADS, SIDEWALKS, CURBS, FENCING, PAVING, SODDED RIGHT-OF-WAY AND APPROACHES, ETC. TO REMAIN TO BE PROTECTED DURING CONSTRUCTION TO THE CITY OF OTTAWA STANDARDS AT THE CONTRACTORS OWN COSTS.
7. ALL EXISTING TREES, SHRUB BEDS, MULCH BEDS, AND SOD TO REMAIN TO BE PROTECTED DURING CONSTRUCTION TO CITY OF OTTAWA AREAS DAMAGED DURING CONSTRUCTION TO BE REPAIRED TO CITY OF OTTAWA STANDARDS AT THE CONTRACTORS OWN COST.
8. CONTRACTOR TO LAYOUT PARKING AREAS TO ACHIEVE REQUIRED NUMBER OF STALLS IN EACH ROW. STALLS ARE 2650mm BY 5500mm DEEP (UNLESS OTHERWISE NOTED). CONTRACTOR TO REPORT ANY DISCREPANCIES TO CONTRACT ADMINISTRATOR PRIOR TO CONSTRUCTION.
9. PARKING LOT ROWS TO BE LAID OUT PARALLEL TO BUILDING FACE. CONTRACTOR TO STAKE OUT PARKING ROWS AND ISLANDS FOR REVIEW AND APPROVAL BY PROJECT LANDSCAPE ARCHITECT PRIOR TO EXCAVATION.
10. USE SPECIFIED BACKFILL IN ALL TRENCHES RUNNING BELOW ALL STRUCTURES, PAVING, WALKWAYS, ETC.
11. REFER TO PLANTING PLAN L103 FOR LAYOUT OF ALL SHRUB BEDS AND TREES.
12. ALL PAINTED PAVEMENT MARKINGS AND SIGNS SHOWN, WITHIN LIMIT OF WORK & AS NOTED ON PLANS, TO BE INCLUDED IN WORK UNDER THIS CONTRACT.

KEYNOTES:

1. CONCRETE SIDEWALK. REFER TO DETAIL 10/L200
2. ASPHALT SIDEWALK. REFER TO DETAIL 11/L200
3. UNIT PAVING ON CONCRETE BASE. REFER TO DETAIL 12/L200
4. 150mm HT CONCRETE CURB. REFER TO DETAIL 15/L200
5. SIDEWALK RAMP WITH TACTILE WARNING SURFACE INDICATOR (TWS) TO CITY OF OTTAWA CONSTRUCTION STANDARDS
6. ASPHALT PARKING LOT (61 STALLS, INCLUDING 2 TYPE A ACCESSIBLE STALLS)
7. SODDED AREA. REFER TO DETAIL 13/L200
8. NEW VEHICLE GATE. REFER TO DETAIL 28/L201
9. NEW PEDESTRIAN GATE. REFER TO DETAIL 25/L201
10. WALL MOUNTED BASKETBALL HOOP AND BACKBOARD. REFER TO DETAIL 27/L201
11. OUTDOOR CLASSROOM. REFER TO ENLARGEMENT 4, L104
12. NEW MINI-SOCCER GOALS
13. LINE PAINTING. REFER TO SPECIFICATIONS.
14. SODDED BERM. REFER TO CIVIL GRADING PLAN.
15. TRIPLE HOOP AND POST
16. STRUCTURAL CONCRETE PAD.
17. ASPHALT PAVING. REFER TO CIVIL GRADING PLAN.
18. FUTURE PARKING EXPANSION
19. SOCCER FIELD LINES FOR SPATIAL LAYOUT PURPOSES ONLY, NOT TO BE PAINTED
20. SPACING FOR FUTURE PORTABLE CLASSROOMS
21. EXTERIOR FREE STANDING SIGN
22. ELECTRIC VEHICLE CHARGING STATION
23. LOADING SPACE
24. FIRE ROUTE

prom. Kilbirnie Dr.

prom. Robin Eassey Avenue

2 STOREY SCHOOL WING

1 STOREY SCHOOL WING

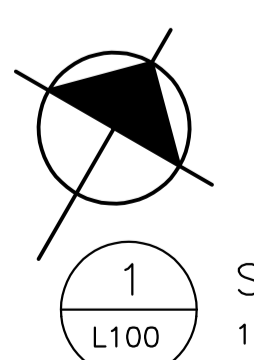
KINDERGARTEN PLAY AREA

PRESCHOOL PLAY AREA

PRESCHOOL PLAY AREA

PLANT LIST:

KEY	QTY	BOTANICAL NAME	COMMON NAME	SPACING (mm) (75%)	SIZE	COMMENTS
TREES - Deciduous						
As	4	<i>Acer saccharum</i> 'Endowment'	Endowment Sugar Maple	as shown	65mm Cal. B&B	TREES TO BE BALL & BURLAP. SOURCED IN SAME GROWING ZONE. ALL TREES SHOULD HAVE 5 TO 7 MAIN BRANCHES WITH DOMINANT LEADER BRANCH AND WITHOUT DEFECT. MIN ROOT ZONE VOLUME PER TREE: 30 CU. M.
Gt	3	<i>Gleditsia triacanthos</i> 'Draves'	Street Keeper Honeylocust	as shown	75mm Cal. B&B	
Af	7	<i>Acer x freemantii</i> 'Armstrong Gold'	Armstrong Gold Maple	as shown	75mm Cal. B&B	
Bp	3	<i>Betula pendula</i> 'Dalecarlica'	Culzeave Weeping Birch	as shown	75mm Cal. B&B	
Ta	7	<i>Tilia americana</i>	American Linden / Lime Tree	as shown	75mm Cal. B&B	
Ap	1	<i>Acer platanoides</i> 'Drummond'	Hartbeek Norway Maple	as shown	75mm Cal. B&B	
Al	1	<i>Aralianthus laevis</i>	Amblethorpe Serviceberry	as shown	50mm Cal. B&B	
Co	1	<i>Celtis occidentalis</i>	Common Hackberry	as shown	75mm Cal. B&B	
Qr	3	<i>Quercus rubra</i>	Red Oak	as shown	75mm Cal. B&B	
Ua	3	<i>Ulmus americana</i>	American Elm	as shown	75mm Cal. B&B	
Pv	1	<i>Malus 'Spring Snow'</i>	Spring Snow Flowering Crabapple	as shown	50mm Cal. B&B	
Pd	3	<i>Populus deltoides</i>	Plains Cottonwood	as shown	75mm Cal. B&B	
Sf	7	<i>Sorbus x hybrida</i> 'Fastigiata'	Columnar Oakleaf Mountain Ash	as shown	75mm Cal. B&B	
Cc	1	<i>Cercis canadensis</i>	Eastern Redbud	as shown	75mm Cal. B&B	
Cr	3	<i>Cotoneaster x mordenensis</i> 'Snowbird'	Snowbird Hawthorn	as shown	50mm Cal. B&B	
TREES - Coniferous						
Pp	12	<i>Picea pungens</i> 'Fastigiata'	Colorado Blue Spruce	as shown	180mm HT. B&B	TREES TO BE BALL & BURLAP. SOURCED IN SAME GROWING ZONE. ALL TREES SHOULD HAVE 5 TO 7 MAIN BRANCHES WITH DOMINANT LEADER BRANCH AND WITHOUT DEFECT. MIN ROOT ZONE VOLUME PER TREE: 30 CU. M.
Ps	19	<i>Pinus strobus</i>	White Pine	as shown	180mm HT. B&B	
SHRUBS - Coniferous						
Ss	126	<i>Juniperus sabina</i> 'Skandil'	Skandil Juniper	900	2 gal.	SHRUBS TO BE IN POTS. SOURCED IN SAME GROWING ZONE. ALL SHRUBS SHOULD HAVE DENSE GROWTH, WELL ROOTED AND WITHOUT DEFECT. MIN ROOT ZONE VOLUME PER SHRUB: 5 CU. M.
SHRUBS - Deciduous						
Ca	23	<i>Cornus alba</i> 'Little Rebel'	Little Rebel Dogwood	900	2 gal.	SHRUBS TO BE IN POTS. SOURCED IN SAME GROWING ZONE. ALL SHRUBS SHOULD HAVE DENSE GROWTH, WELL ROOTED AND WITHOUT DEFECT. MIN ROOT ZONE VOLUME PER SHRUB: 5 CU. M.
PERENNIALS						
Ep	13	<i>Echinacea purpurea</i> 'PowWow White'	PowWow White Coneflower	450	2 gal.	PERENNIALS TO BE IN POTS. SOURCED IN SAME GROWING ZONE. ALL PERENNIALS SHOULD HAVE DENSE GROWTH, WELL ROOTED AND WITHOUT DEFECT. MIN ROOT ZONE VOLUME PER SHRUB: 5 CU. M.
Am	14	<i>Achillea millefolium</i> 'Cerise Queen'	Cerise Queen Yarrow	450	2 gal.	
Rq	27	<i>Rutbeckia 'Goldquelle'</i>	Goldquelle Coneflower	300	2 gal.	
Ab	21	<i>Armeria maritima</i> 'Bloodstone'	Armeria maritima 'Bloodstone'	300	2 gal.	
Pb	12	<i>Hemerocallis 'Prairie Belle'</i>	Prairie Belle Daylily	750	2 gal.	



1 SITE PLAN
L100 1:400

LEGEND:

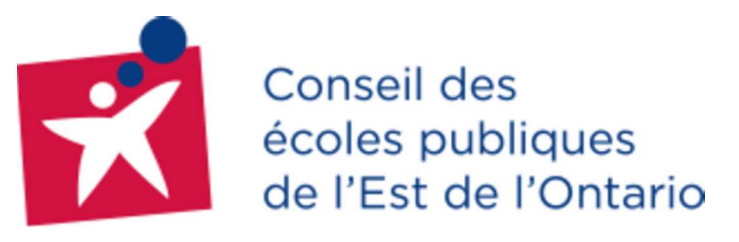
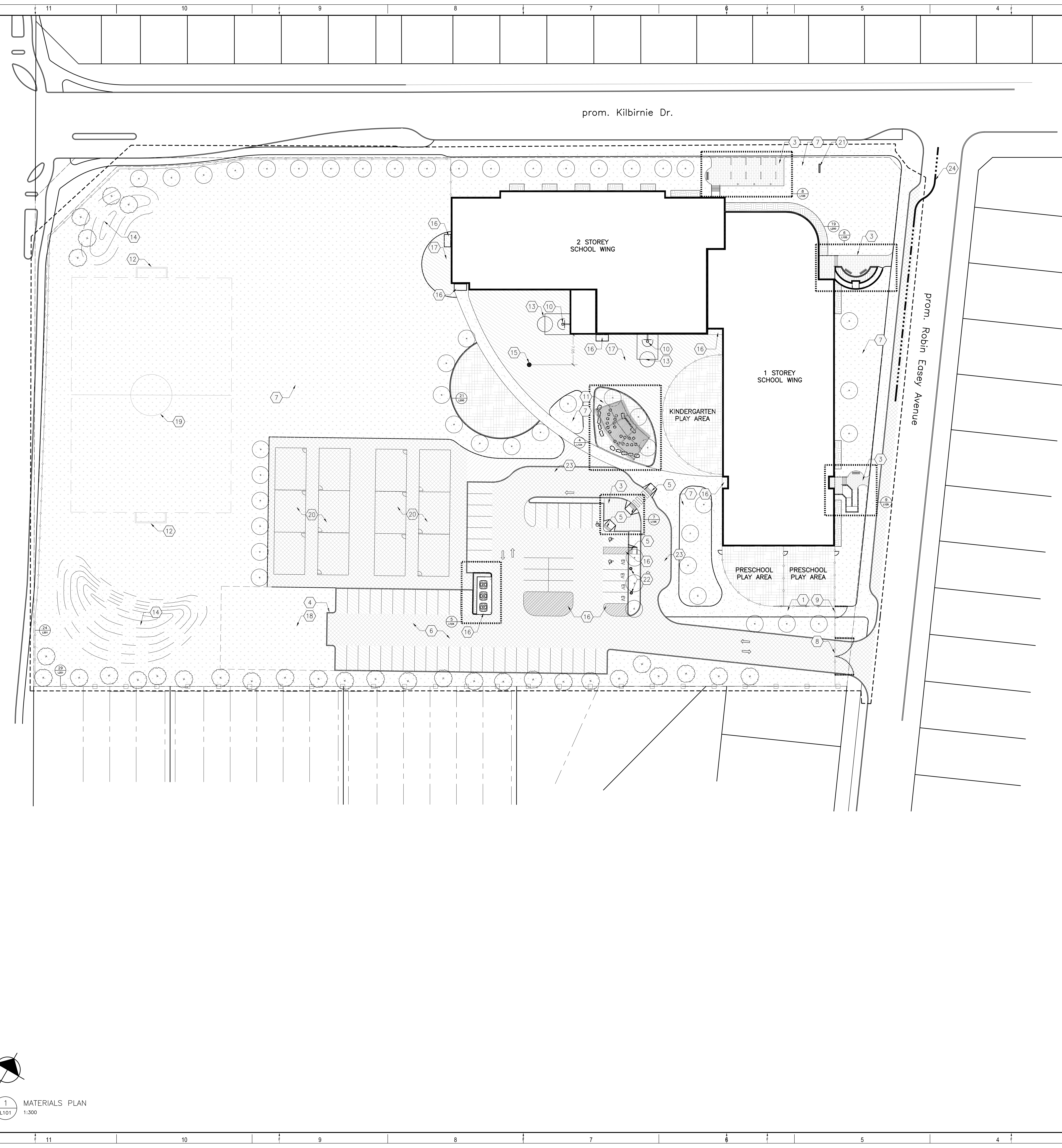
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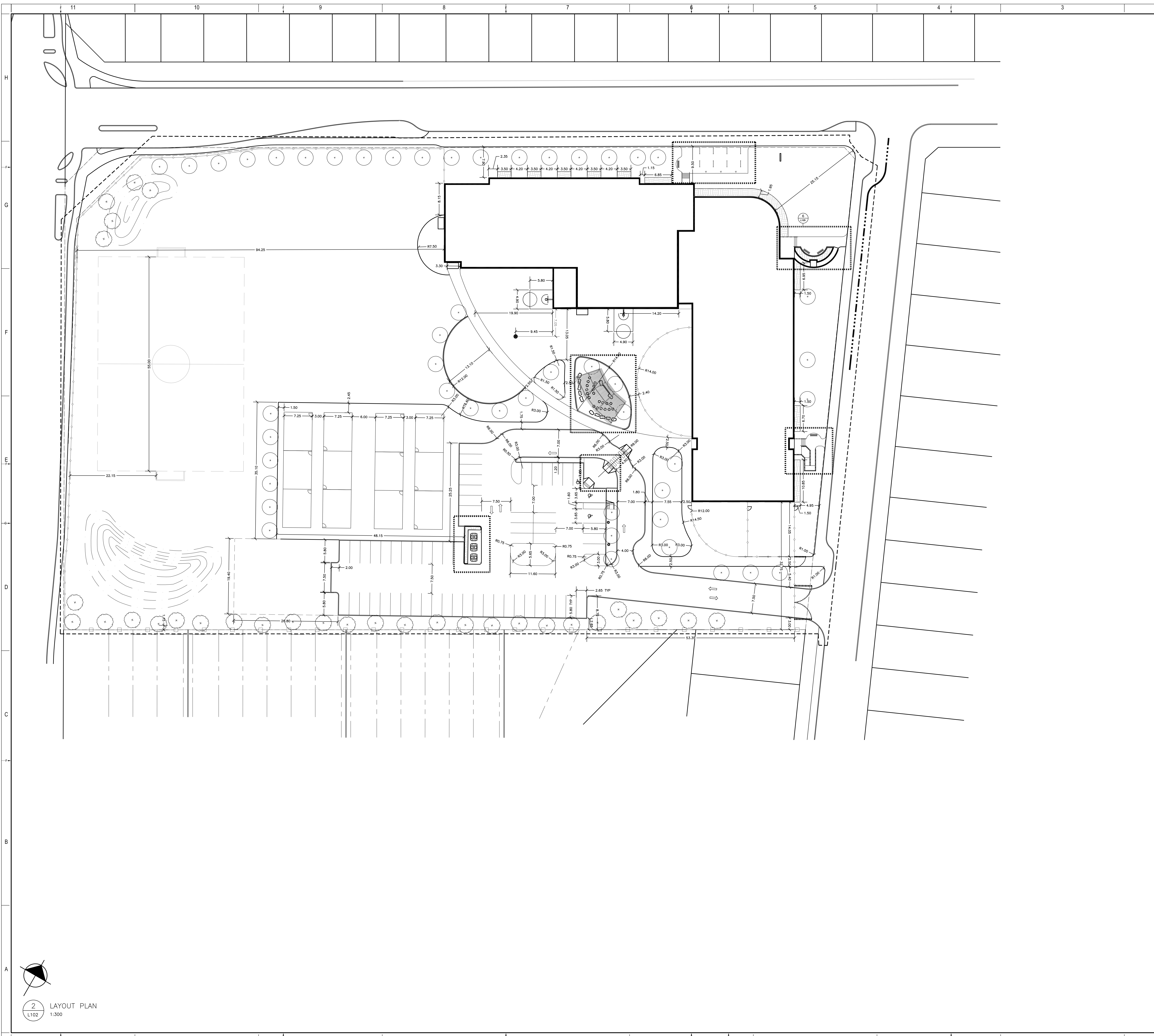
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ISSUED FOR: REVISION

REV.	DATE	DESCRIPTION
1	04 AUG 2021	30% CD REVIEW
2	27 AUG 2021	RE-ISSUED FOR 30% CD REVIEW
3	24 SEP 2021	60% CD REVIEW
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7	30 JUN 2022	ISSUED FOR ADDENDUM #3
8	14 JUL 2022	ISSUED FOR ADDENDUM #6
9	22 JUL 2022	REISSUED FOR SITE PLAN CONTROL

PROJECT NO:	219-0010401	DATE:	MARCH 2022
ORIGINAL SCALE:	AS NOTED	IF THIS DRAWING IS NOT PLOTTED AT THE ORIGINAL SCALE:	
DESIGNED BY:	AH		
DRAWN BY:	SG		
CHECKED BY:	AH		
DISCIPLINE:	LANDSCAPE		
TITLE:	MATERIALS PLAN		
SHEET NUMBER:	L101		
DATE OF: --		REV. #	0

1 MATERIALS PLAN
L101 1:300



LAYOUT NOTES:

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- ALL EXISTING ROADS, SIDEWALKS, CURBS, FENCING, PAVING, SOGGED RIGHT-OF-WAY, AND APPROACHES, ETC. TO REMAIN TO BE PROTECTED DURING CONSTRUCTION TO THE CITY OF OTTAWA STANDARDS AT THE CONTRACTOR'S OWN COSTS.
- ALL EXISTING TREES, SHRUB BEDS, MULCH BEDS, AND SOIL TO REMAIN TO BE PROTECTED DURING CONSTRUCTION TO CITY OF OTTAWA STANDARDS DURING CONSTRUCTION TO BE REPAIRED TO CITY OF OTTAWA STANDARDS AT THE CONTRACTOR'S OWN COST.
- CONTRACTOR TO LAYOUT PARKING AREAS TO ACHIEVE REQUIRED NUMBER OF SPACES IN EACH ROW. SPACES ARE 2500mm BY 5000mm DEEP (UNLESS OTHERWISE NOTED). CONTRACTOR TO REPORT ANY DISCREPANCIES TO CONTRACT ADMINISTRATOR PRIOR TO CONSTRUCTION.
- PARKING LOT ROWS TO BE LAID OUT PARALLEL TO BUILDING FOOTPRINT. CONTRACTOR TO STAKE OUT PARKING SPACES AND ISLANDS FOR REVIEW AND APPROVAL BY PROJECT LANDSCAPE ARCHITECT PRIOR TO EXCAVATION.
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LEGEND:

- PROPERTY LINE
- 1.8m HT WOODSCREEN FENCE
- 1.2m HT CHAINLINK FENCE
- BERM HILL
- NEW CONCRETE CURB
- EXISTING CURB
- DECIDUOUS TREE
- CONIFEROUS TREE
- CONIFEROUS SHRUB
- PERENNIAL GRASS

1545 ROSEMOUNT AVENUE
 CORNWALL, ONTARIO, CANADA, K4L 8E8
 TEL: 613-935-5644 FAX: 613-938-5338 WWW.ARCHITECTURE49.COM

CONSULTANT - SUB-CONSULTANT:
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CLIENT REF: E -
 PROJECT:
ÉCOLE ÉLÉMENTAIRE BARRHAVEN-MANOTICK

KEY PLAN

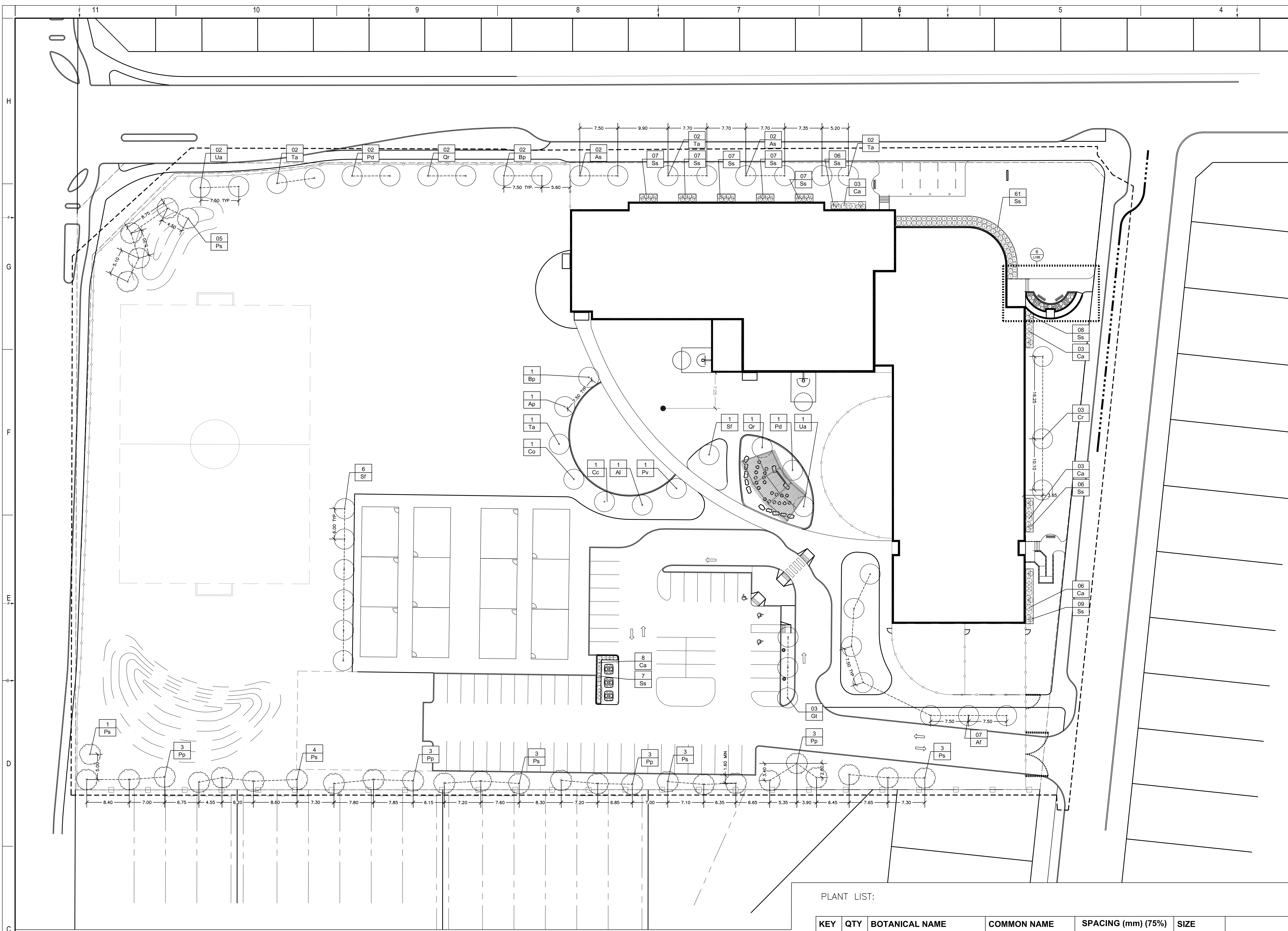
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7	14 JUL 2022	ISSUED FOR ADDENDUM #8
8	22 JUL 2022	REISSUED FOR SITE PLAN CONTROL

PROJECT NO:	219-2021-0401	DATE:	MARCH 2022
ORIGINAL SCALE:	AS NOTED	IF THIS BAR IS NOT FULFILLING SCALE:	
DESIGNED BY:	JM		
DRAWN BY:	SG		
CHECKED BY:	JM		
DISCIPLINE:	LANDSCAPE		
TITLE:	LAYOUT PLAN		
SHEET NUMBER:	L102		
SHEET #	102	OF #	102
DATE OF		REV #	0



PLANTING NOTES:

- LOCATION OF ALL PLANTS MATERIAL TO BE MARKED OUT ON SITE AND APPROVED BY CONTRACT ADMINISTRATOR PRIOR TO PLANTING
- TREE SPACING, UNLESS OTHERWISE NOTED:**
 • DECIDUOUS TREES: 6.0m MIN.
 • CONIFEROUS TREES: 3.0m MIN.
- SHRUB SPACING, UNLESS OTHERWISE NOTED:**
 • SMALL DECIDUOUS: 600mm O.C.
 • LARGE DECIDUOUS: 900mm O.C.
 • CONIFEROUS: 750mm O.C.
 • GRASSES: 450mm O.C.
- ALL PLANT MATERIAL TO BE BEST QUALITY, REVIEWED ON SITE BY LANDSCAPE ARCHITECT PRIOR TO PLANTING. UNACCEPTABLE PLANTS TO BE REPLACED AND NEW PLANTS APPROVED PRIOR TO PLANTING. REWORKS ARE AT CONTRACTOR'S OWN COST
- ALL PLANTING EXCAVATIONS ARE TO BE REVIEWED AND APPROVED BY LANDSCAPE ARCHITECT PRIOR TO PLACEMENT OF DRAINAGE COURSE, FILTER FABRIC AND/OR SOIL.
- LANDSCAPE ARCHITECT IN ALL REFERENCES REFERS TO PROJECT LANDSCAPE ARCHITECT (ARCHITECTURE 45)

KEYNOTES:

- REFER TO 6/1105 ENLARGEMENT FOR PLANTING WITHIN ACCESSIBILITY RAMP

LEGEND:

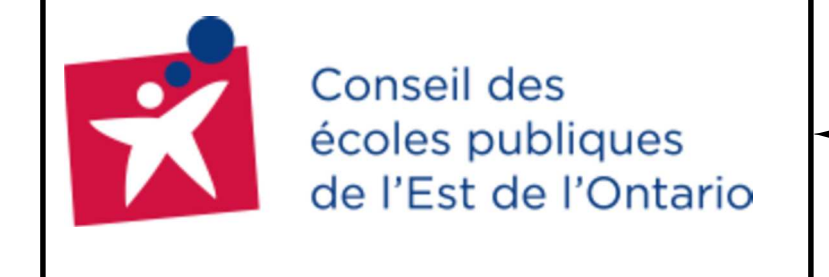
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- PERENNIAL GRASS

PLANT KEY:
 - NUMBER PLANTS
 - PLANT SPECIES, REFER TO PLANT LIST

PLANT LIST:

KEY	QTY	BOTANICAL NAME	COMMON NAME	SPACING (mm) (75%)	SIZE	COMMENTS
TREES - Deciduous						
As	4	Acer saccharum 'Endowment'	Endowment Sugar Maple	as shown	65mm Cal. B&B	TREES TO BE BALL & BURLAP. SOURCED IN SAME GROWING ZONE. ALL TREES SHOULD HAVE 5 TO 7 MAIN BRANCHES WITH DOMINANT LEADER BRANCH AND WITHOUT DEFECT. MIN ROOT ZONE VOLUME PER TREE: 30 CU. M.
Gt	3	Gleditsia triacanthos 'Draves'	Street Keeper Honeylocust	as shown	75mm Cal. B&B	
Af	7	Acer x freemanii 'Armstrong Gold'	Armstrong Gold Maple	as shown	75mm Cal. B&B	
Bp	3	Betula pendula 'Dalecarlica'	Cuteleaf Weeping Birch	as shown	75mm Cal. B&B	
Ta	7	Tilia americana	American Linden / Lime Tree	as shown	75mm Cal. B&B	
Ap	1	Acer platanoides 'Dummondii'	Harlequin Norway Maple	as shown	75mm Cal. B&B	
Al	1	Amelanchier laevis	Amelanchier Serviceberry	as shown	50mm Cal. B&B	
Co	1	Celtis occidentalis	Common Hackberry	as shown	75mm Cal. B&B	
Qr	3	Quercus rubra	Red Oak	as shown	75mm Cal. B&B	
Ua	3	Ulmus americana	American Elm	as shown	75mm Cal. B&B	
Pv	1	Malus 'Spring Snow'	Spring Snow Flowering Crabapple	as shown	50mm Cal. B&B	
Pd	3	Populus deltoides	Plains Cottonwood	as shown	75mm Cal. B&B	
Sf	7	Sorbus x hybrida 'Fastigata'	Columnar Oakleaf Mountain Ash	as shown	75mm Cal. B&B	
Cc	1	Cercis canadensis	Eastern Redbud	as shown	75mm Cal. B&B	
Cr	3	Crataegus x mordenensis 'Snowbird'	Snowbird Hawthorn	as shown	50mm Cal. B&B	
TREES - Coniferous						
Pp	12	Picea pungens 'Fastigiata'	Colorado Blue Spruce	as shown	180mm HT. B&B	TREES TO BE BALL & BURLAP. SOURCED IN SAME GROWING ZONE. ALL TREES SHOULD HAVE 5 TO 7 MAIN BRANCHES WITH DOMINANT LEADER BRANCH AND WITHOUT DEFECT. MIN ROOT ZONE VOLUME PER TREE: 30 CU. M.
Ps	19	Pinus strobus	White Pine	as shown	180mm HT. B&B	
SHRUBS - Coniferous						
Ss	126	Juniperus sabina 'Skandia'	Skandia Juniper	900	2 gal.	SHRUBS TO BE IN POTS. SOURCED IN SAME GROWING ZONE. ALL SHRUBS SHOULD HAVE DENSE GROWTH, WELL ROOTED AND WITHOUT DEFECT. MIN ROOT ZONE VOLUME PER SHRUB: 5 CU. M.
SHRUBS - Deciduous						
Ca	23	Comus alba 'Little Rebel'	Little Rebel Dogwood	900	2 gal.	SHRUBS TO BE IN POTS. SOURCED IN SAME GROWING ZONE. ALL SHRUBS SHOULD HAVE DENSE GROWTH, WELL ROOTED AND WITHOUT DEFECT. MIN ROOT ZONE VOLUME PER SHRUB: 5 CU. M.
PERENNIALS						
Ep	13	Echinacea purpurea 'PowWow White'	PowWow White Coneflower	450	2 gal.	PERENNIALS TO BE IN POTS. SOURCED IN SAME GROWING ZONE. ALL PERENNIALS SHOULD HAVE DENSE GROWTH, WELL ROOTED AND WITHOUT DEFECT. MIN ROOT ZONE VOLUME PER SHRUB: 5 CU. M.
Am	14	Achillea millefolium 'Cerise Queen'	Cerise Queen Yarrow	450	2 gal.	
Rg	27	Rudbeckia 'Goldquelle'	Goldquelle Coneflower	300	2 gal.	
Ab	21	Armeria maritima 'Bloodstone'	Armeria maritima 'Bloodstone'	300	2 gal.	
Pb	12	Hemerocallis 'Prairie Belle'	Prairie Belle Daylily	750	2 gal.	

3 PLANTING PLAN
 L103 1:300



ÉCOLE ÉLÉMENTAIRE BARRHAVEN-MANOTICK

REVISIONS:

NO.	DATE	DESCRIPTION
1	04 AUG 2021	30% CD REVIEW
2	27 AUG 2021	RE-ISSUED FOR 30% CD REVIEW
3	24 SEP 2021	65% CD REVIEW
4	19 NOV 2021	85% CD REVIEW
5	14 JAN 2022	99% CD REVIEW
6	21 MAR 2022	ISSUED FOR BID AND PERMIT
7	30 JUN 2022	ISSUED FOR ADDENDUM #3
8	14 JUL 2022	ISSUED FOR ADDENDUM #6
9	22 JUL 2022	REISSUED FOR SITE PLAN CONTROL

PROJECT INFO:
 PROJECT NO: 219-0001402
 ORIGINAL SCALE: AS NOTED
 DRAWN BY: JAH
 CHECKED BY: SG
 DATE: MARCH 2022

LANDSCAPE
PLANTING PLAN

SHEET NUMBER: L103
SHEET: 0
DATE OF: 0

LAYOUT NOTES:

- 1. CONTRACTOR TO CONFIRM ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO CONTRACTOR ADMINISTRATOR PRIOR TO CONSTRUCTION.
- 2. LAYOUT TO BE APPROVED BY CONTRACT ADMINISTRATOR PRIOR TO ANY CONSTRUCTION OR REMOVALS.
- 3. ALL DIMENSIONS ARE IN METRIC UNLESS OTHERWISE NOTED.
- 4. CONTRACTOR IS RESPONSIBLE FOR ALL EXCAVATIONS, REMOVALS, DISPOSALS AND ROUGH GRADING AS REQUIRED TO CONSTRUCT ALL WORKS AS SHOWN ON ALL PLANS, DETAILS AND SPECIFICATIONS.
- 5. LOCATION OF ALL UTILITIES SHOWN FOR ILLUSTRATION ONLY. CONTRACTOR MUST CONTACT ALL UTILITIES REGARDING RULES FOR WORKING IN THE AREA OF THE UTILITIES PRIOR TO COMMENCEMENT OF ANY WORK. CONTRACTOR MUST CONFIRM LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.
- 6. ALL EXISTING ROADS, SIDEWALKS, CURBS, FENCING, PAVING, SOCCEDS RIGHT-OF-WAY, AND APPROACHES, ETC TO REMAIN TO BE PROTECTED DURING CONSTRUCTION TO THE CITY OF OTTAWA STANDARDS AT THE CONTRACTORS OWN COSTS.
- 7. ALL EXISTING TREES, SHRUB BEDS, MULCH BEDS AND SOO TO REMAIN TO BE PROTECTED DURING CONSTRUCTION TO BE REPAIRED TO CITY OF OTTAWA STANDARDS AT THE CONTRACTORS OWN COST.
- 8. CONTRACTOR TO LAYOUT PARKING AREAS TO ACHIEVE REQUIRED NUMBER OF STALLS IN EACH ROW. STALLS ARE 2650mm BY 5620mm DEEP (UNLESS OTHERWISE NOTED). CONTRACTOR TO REPORT ANY DISCREPANCIES TO CONTRACT ADMINISTRATOR PRIOR TO CONSTRUCTION.
- 9. PARKING LOT ROWS TO BE LAID OUT PARALLEL TO BUILDING FACE. CONTRACTOR TO STAKE OUT PARKING ROWS AND SPACES FOR REVIEW AND APPROVAL BY PROJECT LANDSCAPE ARCHITECT PRIOR TO EXCAVATION.
- 10. USE SPECIFIED BACKFILL IN ALL TRENCHES RUNNING BELOW ALL STRUCTURES, PAVING, WALKWAYS, ETC.
- 11. REFER TO PLANTING PLAN L103 FOR LAYOUT OF ALL SHRUB BEDS AND TREES.
- 12. ALL PAINTED PAVEMENT MARKING AND SIGNS SHOWN WITHIN LIMIT OF WORK & AS NOTED ON PLANS, TO BE INCLUDED IN WORK UNDER THIS CONTRACT.

KEYNOTES:

- 1. OUTDOOR CHALKBOARD AND SIGN PANEL.
- 2. LIMESTONE BOULDER SEAT. REFER TO DETAIL 23/L200.
- 3. LOG STUMP SEAT. REFER TO DETAIL 22/L200.
- 4. SHADE CANOPY. REFER TO DETAIL 20/L200.
- 5. LANDSCAPE CURB DETAIL. REFER TO DETAIL 21/L200.
- 6. IN CONCRETE FILLED BOLLARD.
- 7. IN GROUND WASTE COLLECTION BIN. REFER TO SPECIFICATIONS.
- 8. BARRIER CURB. REFER TO DETAIL 15/L200.

LEGEND:

- [Symbol] CONCRETE
- [Symbol] ENGINEERED FIBRE SAFETY SURFACE
- [Symbol] LIGHT DUTY ASPHALT PAVING
- [Symbol] HEAVY DUTY ASPHALT PAVING
- [Symbol] DECIDUOUS TREE

1345 ROSEMOUNT AVENUE
OTTAWA, ONTARIO, CANADA K1J 8E8
TEL: 613-933-5041 FAX: 613-938-0333 WWW.ARCHITECTURE49.COM

CONSULTANT - SUBCONSULTANT

CONSULTANT - SUBCONSULTANT

CONSULTANT - SUBCONSULTANT

CONSULTANT - SUBCONSULTANT

CONSULTANT - SUBCONSULTANT

DATE:



CLIENT REF: # -

PROJECT:

ÉCOLE ÉLÉMENTAIRE BARRHAVEN-MANOTICK

KEY PLAN:

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DISCLAIMER: THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND UTILITY LOCATIONS AND REPORT ALL ERRORS AND OMISSIONS PRIOR TO COMMENCING WORK. THE DIMENSIONS MAY VARY SLIGHTLY.

ISSUED FOR: REVISION:

NO.	DATE	DESCRIPTION
9	22 JUL 2022	REISSUED FOR SITE PLAN CONTROL.
8	14 JUL 2022	ISSUED FOR ADDENDUM #8
7	30 JUN 2022	ISSUED FOR ADDENDUM #5
6	21 MAR 2022	ISSUED FOR BID AND PERMIT
5	14 JAN 2022	99% CD REVIEW
4	19 NOV 2021	85% CD REVIEW
3	24 SEP 2021	63% CD REVIEW
2	27 AUG 2021	REISSUED FOR 30% CD REVIEW
1	04 AUG 2021	30% CD REVIEW

PROJECT NO: 219-2021-0421 DATE: MARCH 2022

ORIGINAL SCALE: AS NOTED IF THIS DRAWING IS NOT TO BE PLOTTED AT SCALE.

DESIGNED BY: JAH

DRAWN BY: SG

CHECKED BY: JAH

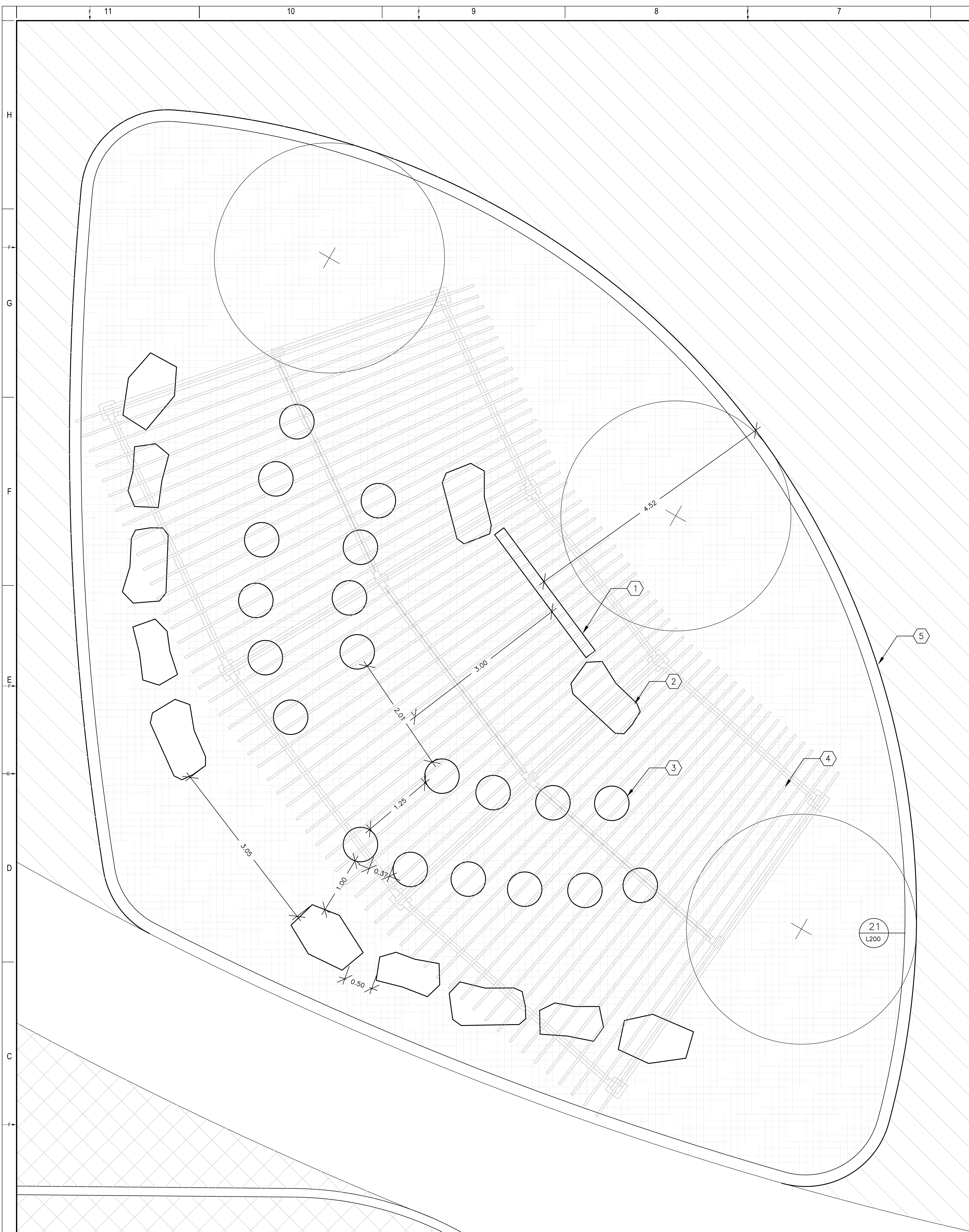
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TITLE: ENLARGEMENT PLANS

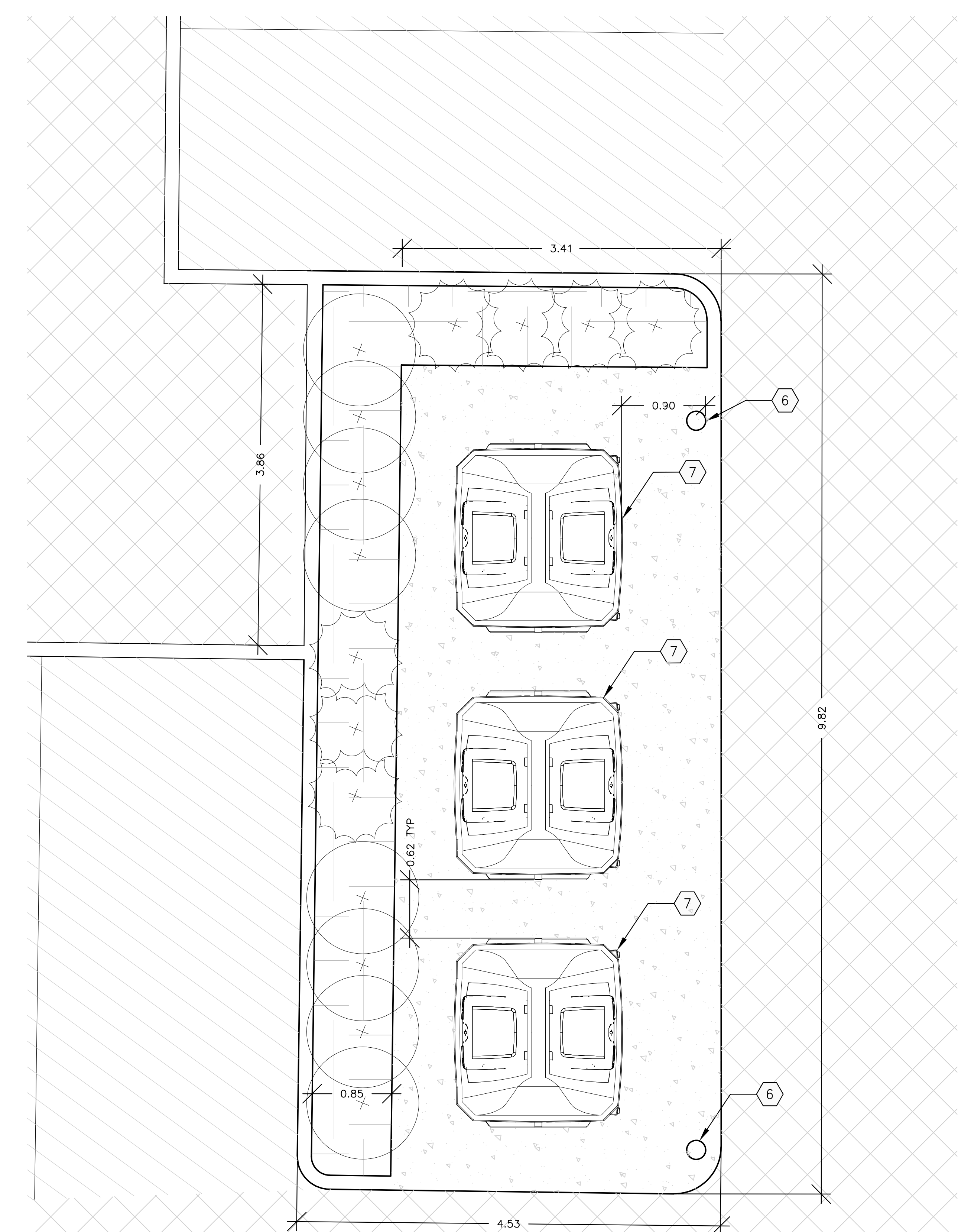
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SHEET # OF #

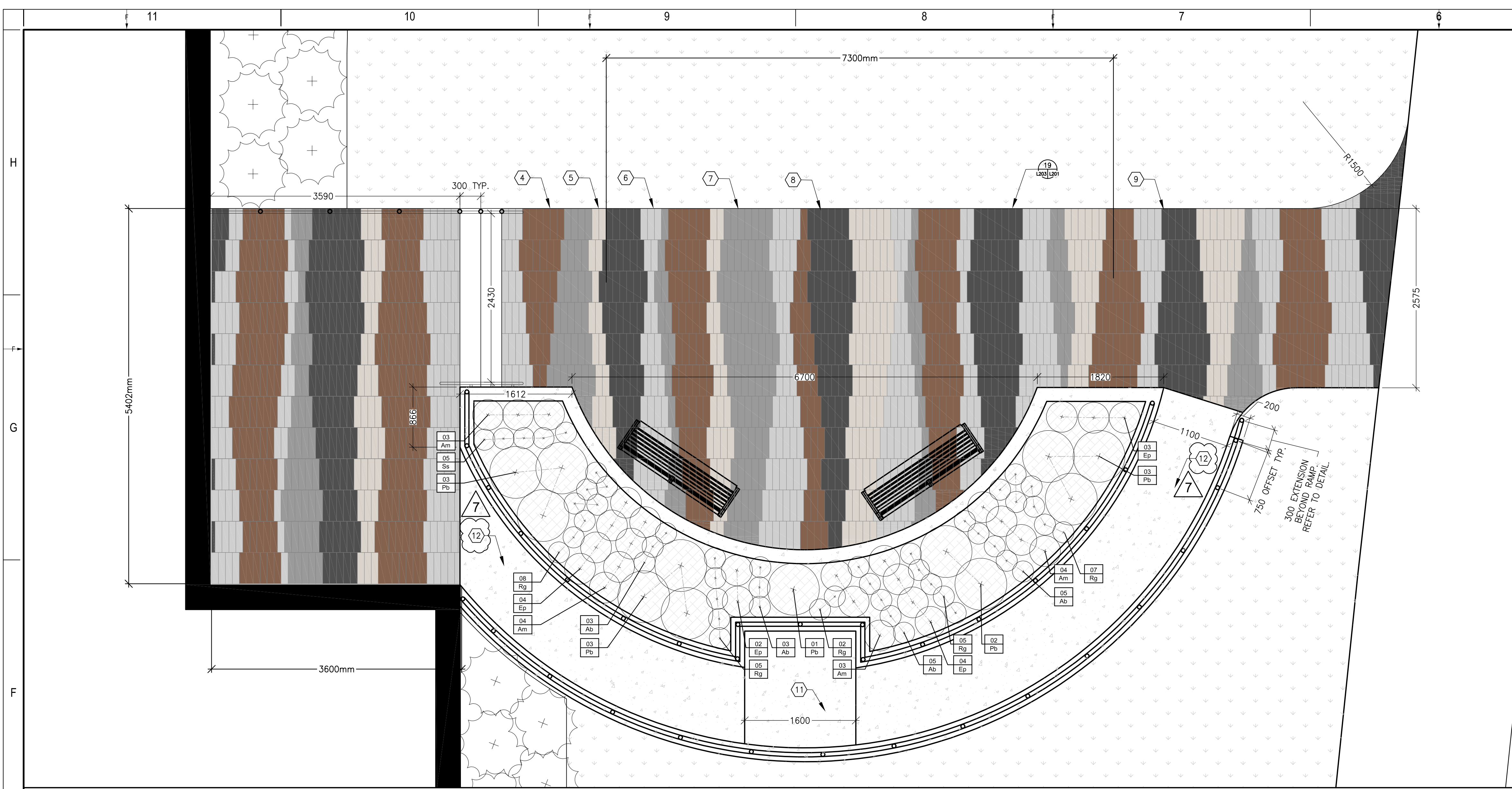
DATE OF: 0



4 OUTDOOR CLASSROOM
L101/L104 1:30

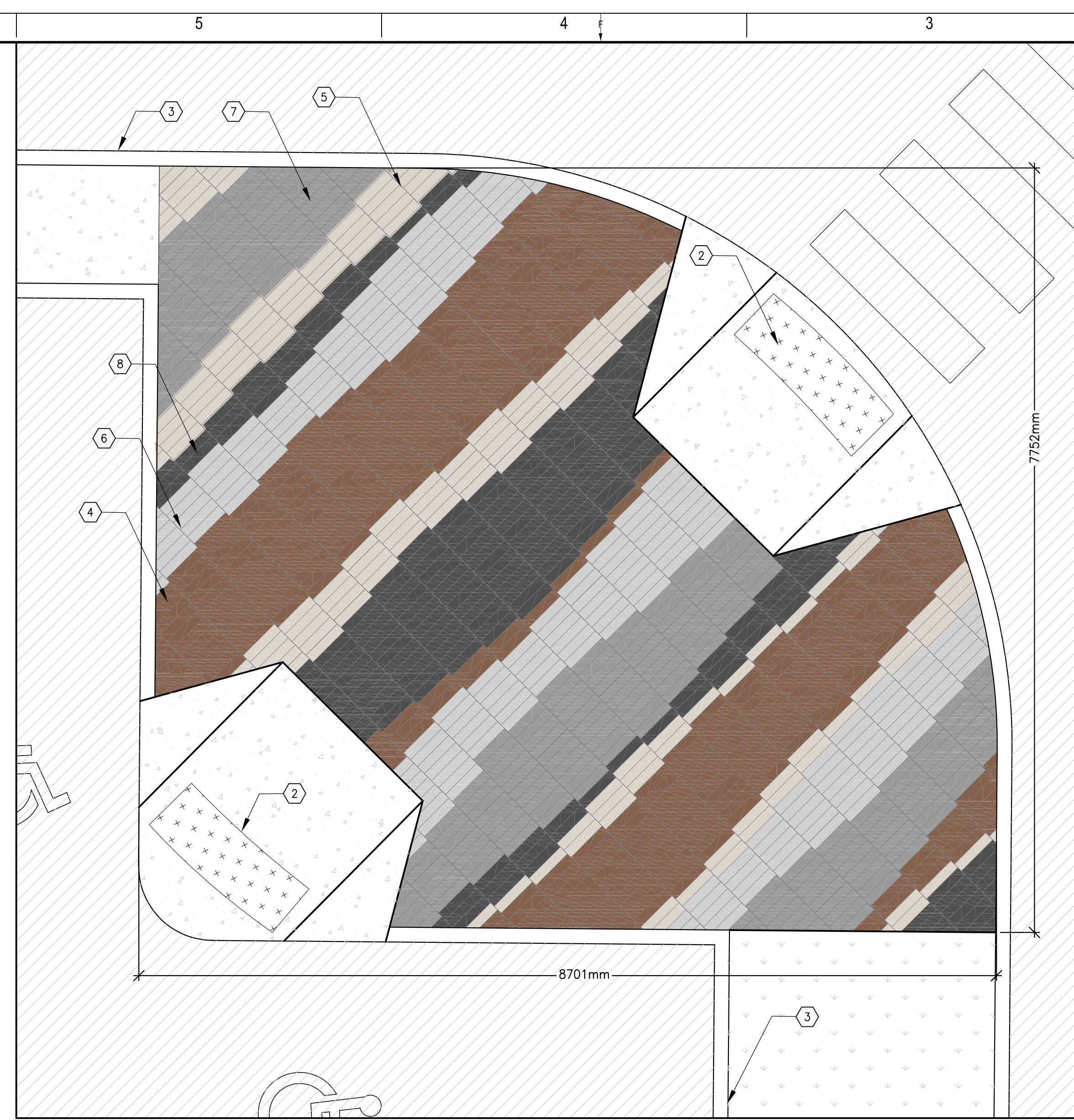


5 WASTE COLLECTION AREA
L101/L104 1:30

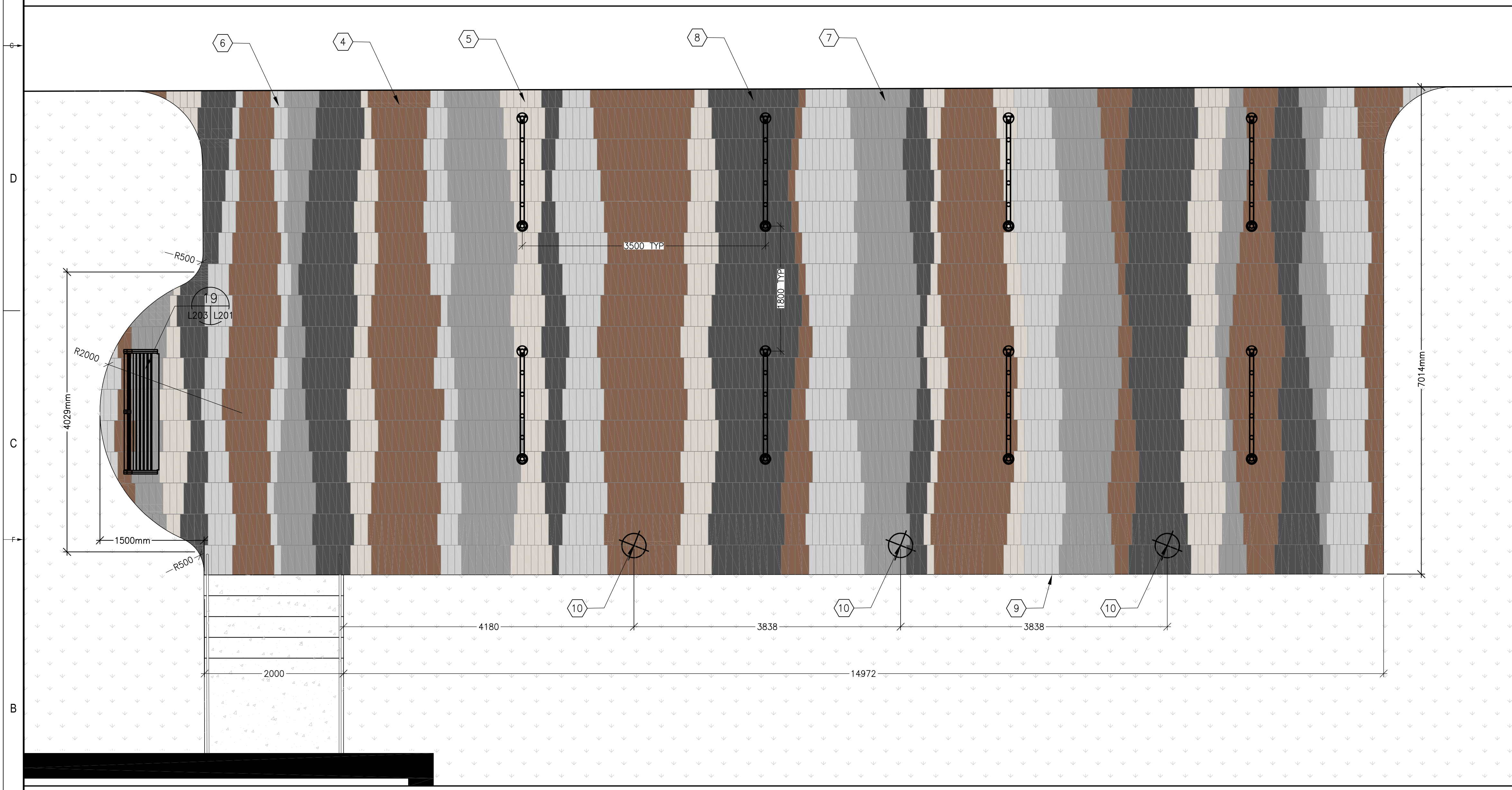


6 NORTH EAST ENTRY ENLARGEMENT
1:01 L105 1:35

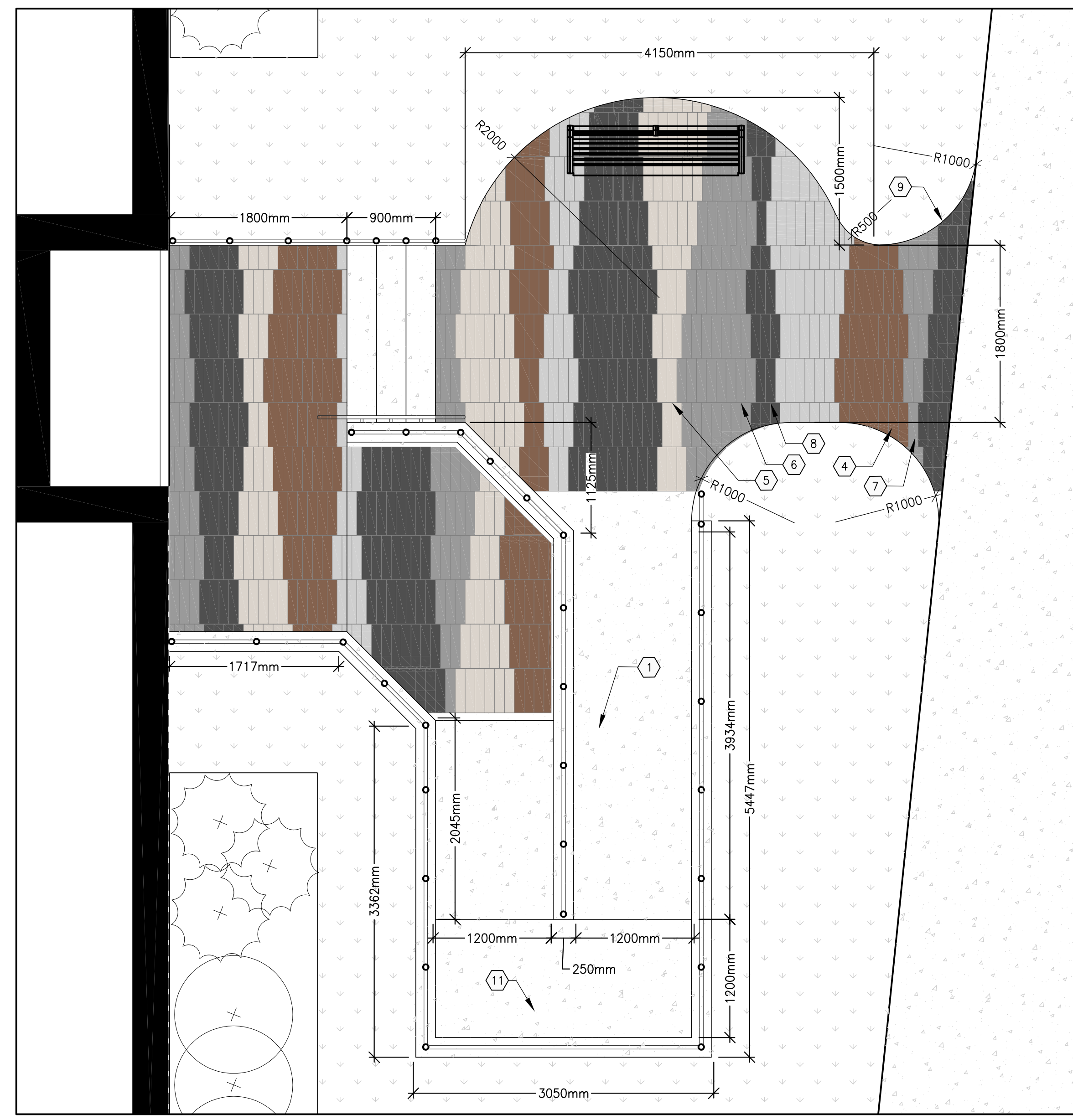
KEY	QTY	BOTANICAL NAME	COMMON NAME	SPACING (mm) (75%)	SIZE	COMMENTS
PERENNIALS						
Ep	13	Echinacea purpurea 'PowWow White'	PowWow White Coneflower	450	2 gal.	PERENNIALS TO BE IN POTS. SOURCED IN SAME GROWING ZONE. ALL PERENNIALS SHOULD HAVE DENSE GROWTH, WELL ROOTED AND WITHOUT DEFECT. MIN ROOT ZONE VOLUME PER SHRUB: 5 CU. M.
Am	14	Achillea millefolium 'Cesice Queen'	Cesice Queen Yarrow	450	2 gal.	
Rg	27	Rudbeckia 'Goldquelle'	Goldquelle Coneflower	300	2 gal.	
Ab	21	Artemisia maritima 'Bloodstone'	Artemisia maritima 'Bloodstone'	300	2 gal.	
Pb	12	Hemerocallis 'Prarie Belle Daylily'	Prarie Belle Daylily	750	2 gal.	



7 PARKING LOT ISLAND ENLARGEMENT
1:01 L105 1:35



8 NORTH ENTRY ENLARGEMENT
1:01 L105 1:35



9 SOUTH EAST ENTRY ENLARGEMENT
1:01 L105 1:35

LAYOUT NOTES:

- PAVING PATTERN TO BE APPROVED BY CONTRACT ADMINISTRATOR

KEYNOTES:

- CONCRETE ACCESS RAMP WITH 316 STAINLESS STEEL HAND RAIL. REFER TO DETAIL 33/L202.
- TACTILE WARNING SURFACE INDICATOR (TWSI)
- CONCRETE CURB
- TECHO-BLOC PAVERS, COLOUR: CHESTNUT BROWN
- TECHO-BLOC PAVERS, COLOUR: BEIGE CREAM
- TECHO-BLOC PAVERS, COLOUR: GREYED NICKEL
- TECHO-BLOC PAVERS, COLOUR: SHALE GREY
- TECHO-BLOC PAVERS, COLOUR: ONYX BLACK
- PAVER EDGING
- FLAG POLE
- CONCRETE LANDING
- CONCRETE ACCESS RAMP AND PLANTER WITH 316 STAINLESS STEEL HANDRAIL. REFER TO DETAIL 34/L202

LEGEND:

- CONCRETE
- ASPHALT
- SOD
- PLANTING BED

1345 ROSEMOUNT AVE
CORNWALL, ONTARIO, CANADA, K0J 3E3
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CLIENT REF # -
PROJECT:

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DISCLAIMER:
THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND UTILITIES CONDITIONS AND REPORT ALL DISCREPANCIES AND CHANGES PRIOR TO COMMENCING WORK. THE DRAWINGS ARE NOT TO BE SCALED.

ISSUED FOR - REVIEW

NO.	DATE	DESCRIPTION
8	22 JUL 2022	REISSUED FOR SITE PLAN CONTROL
7	14 JUL 2022	ISSUED FOR ADDENDUM 6
6	21 MAR 2022	ISSUED FOR BID AND PERMIT
5	14 JAN 2022	99% CD REVIEW
4	19 NOV 2021	85% CD REVIEW
3	24 SEP 2021	60% CD REVIEW
2	27 AUG 2021	REV- ISSUED FOR 50% CD REVIEW
1	04 AUG 2021	30% CD REVIEW

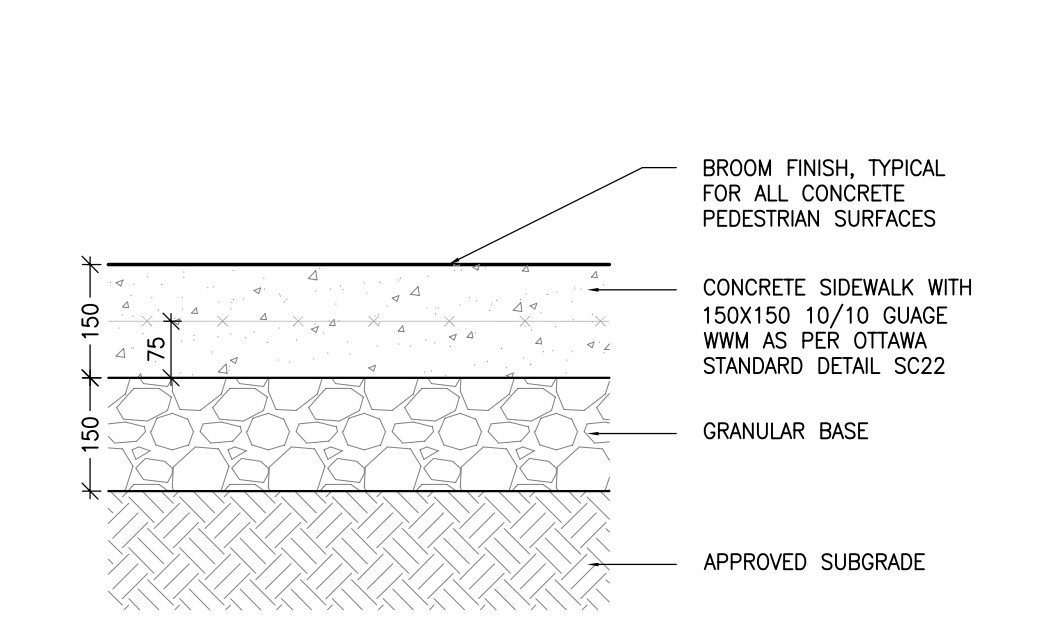
PROJECT NO: 219-0001-H21
ORIGINAL SCALE: AS NOTED
DESIGNED BY: JAH
DRAWN BY: SG
CHECKED BY: JAH
DISCIPLINE: LANDSCAPE

DATE: MARCH 2022
IF THIS BAR IS NOT IN LONG HORIZONTAL POSITION, PLOTTING SCALE.

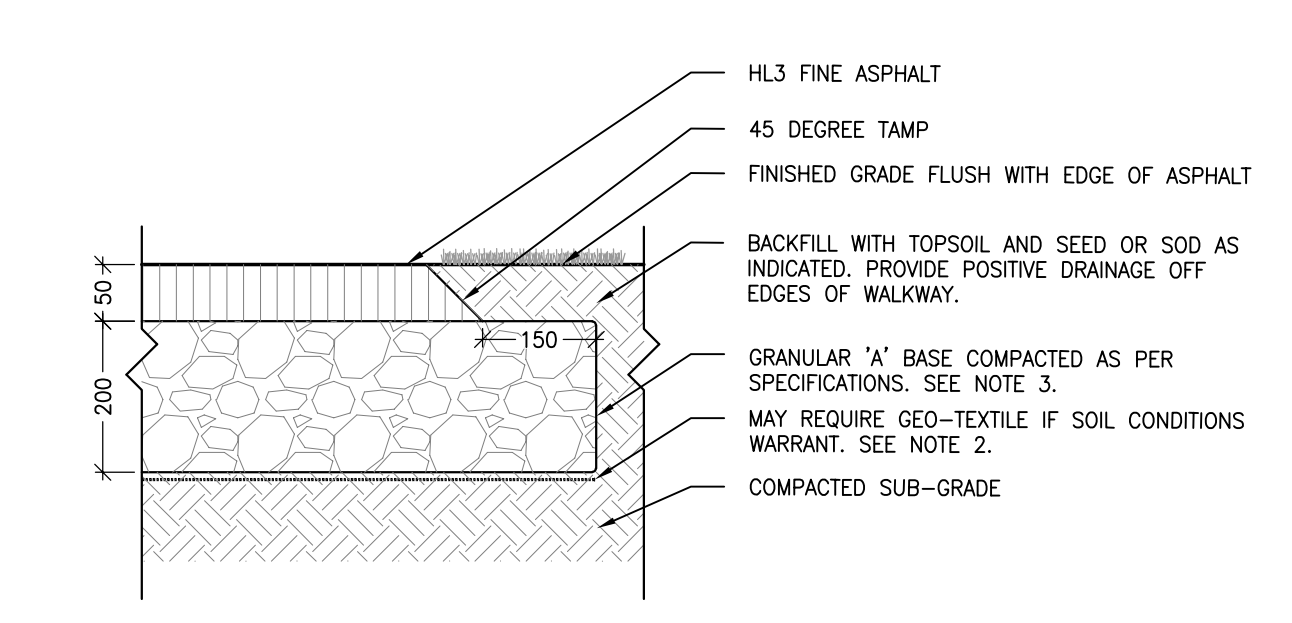
ENLARGEMENT PLANS

SHEET NUMBER: **L105**

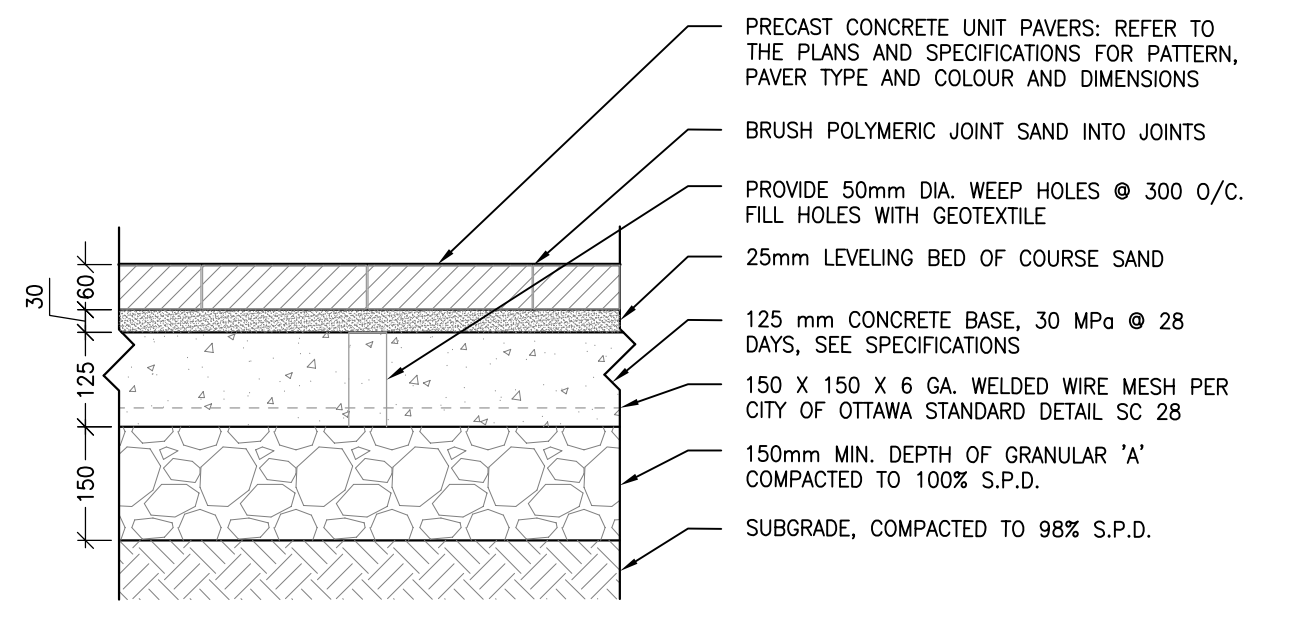
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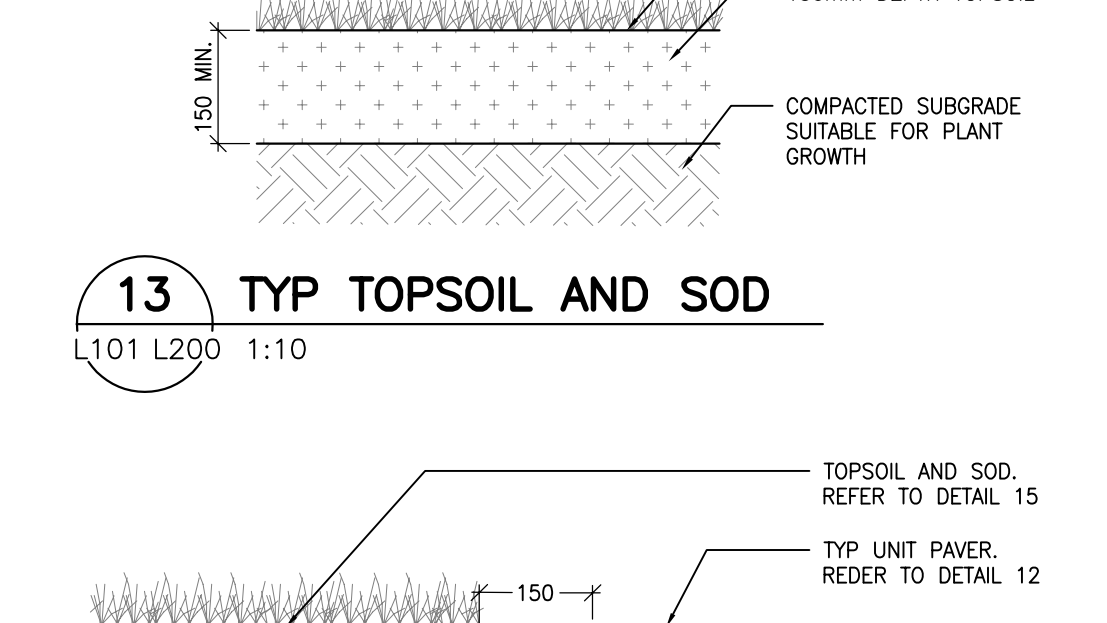
10 TYP CONCRETE SIDEWALK
1:10



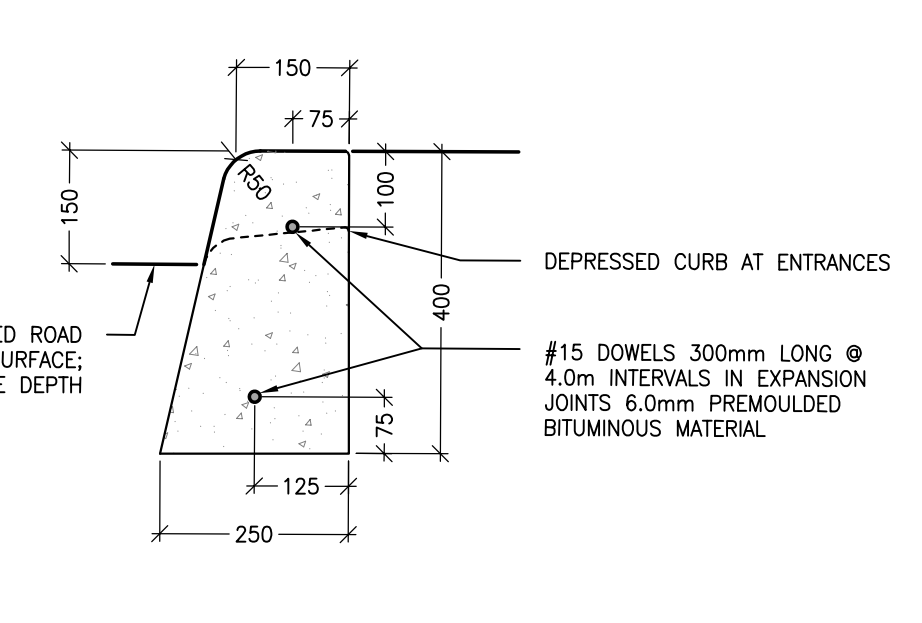
11 TYP ASPHALT SIDEWALK
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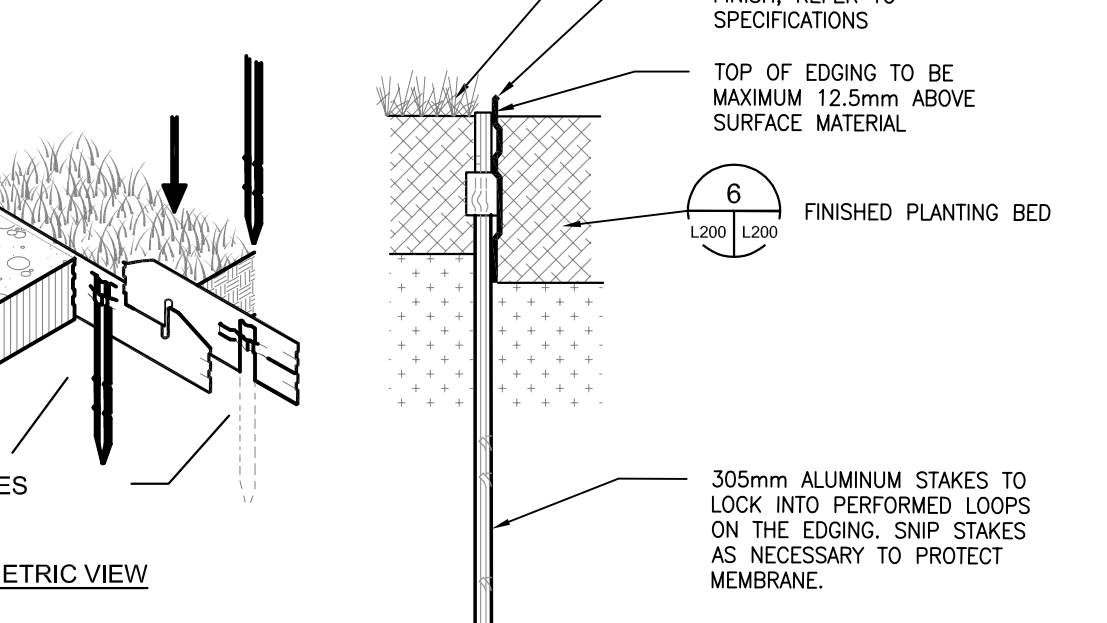
12 TYP UNIT PAVER ON CONCRETE BASE
1:10



13 TYP TOPSOIL AND SOD
1:10

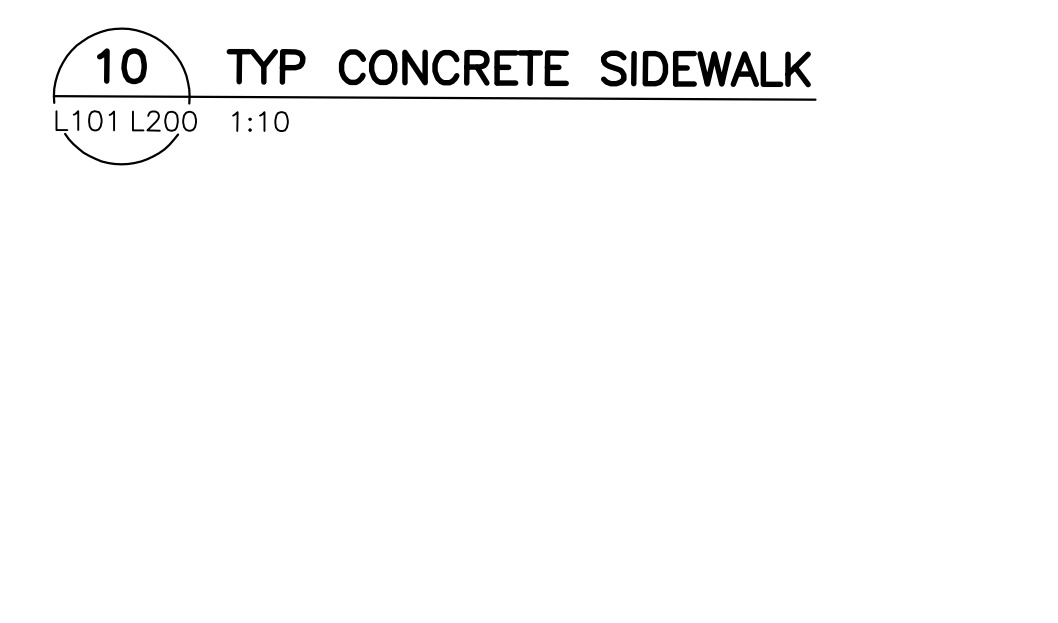


14 TYP UNIT PAVER EDGE RESTRAINT
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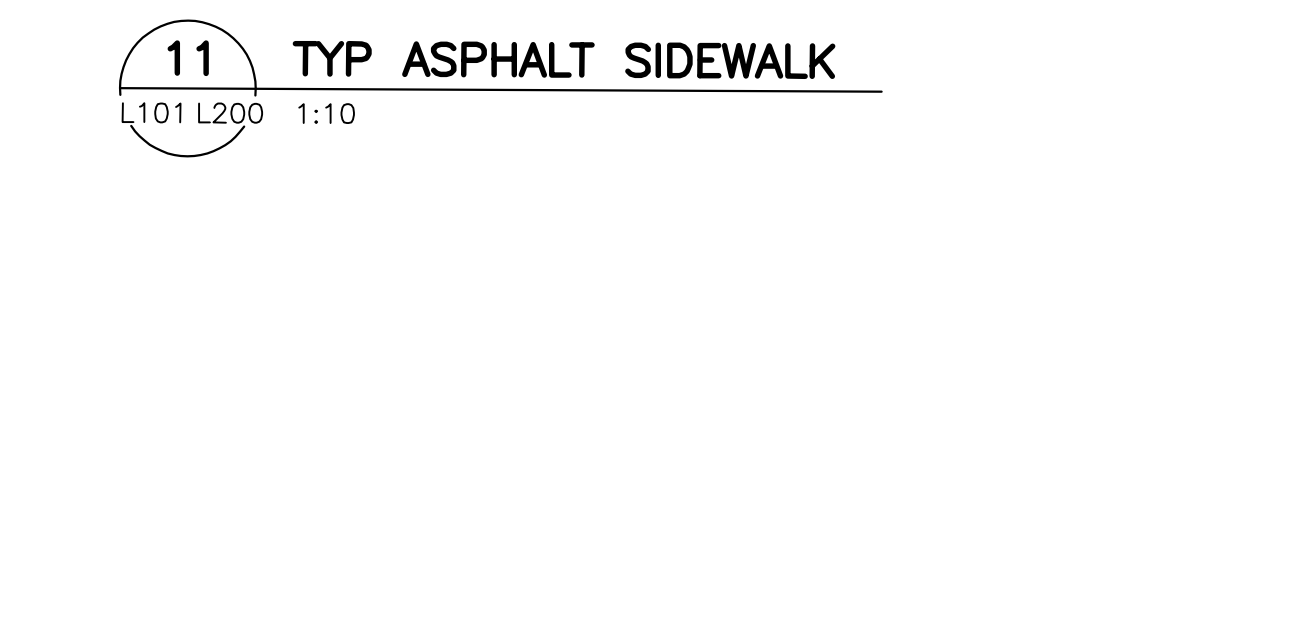


15 CONCRETE BARRIER CURB
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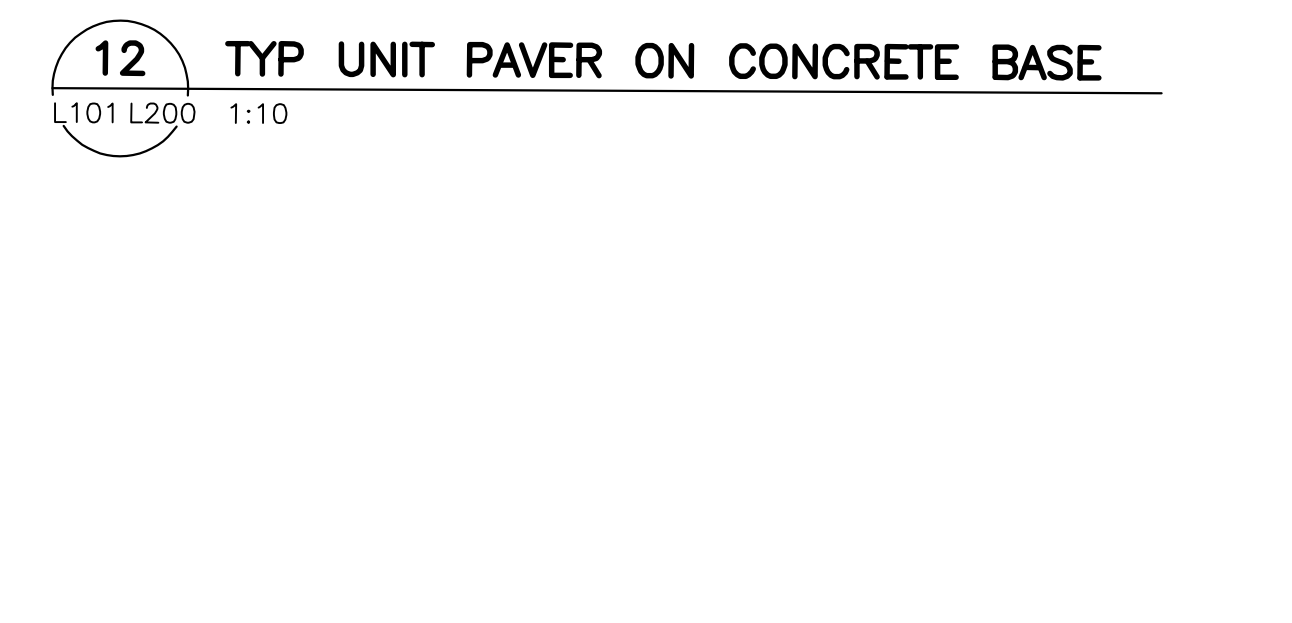
16 ALUMINUM PLANTER EDGING
1:200 NOT TO SCALE



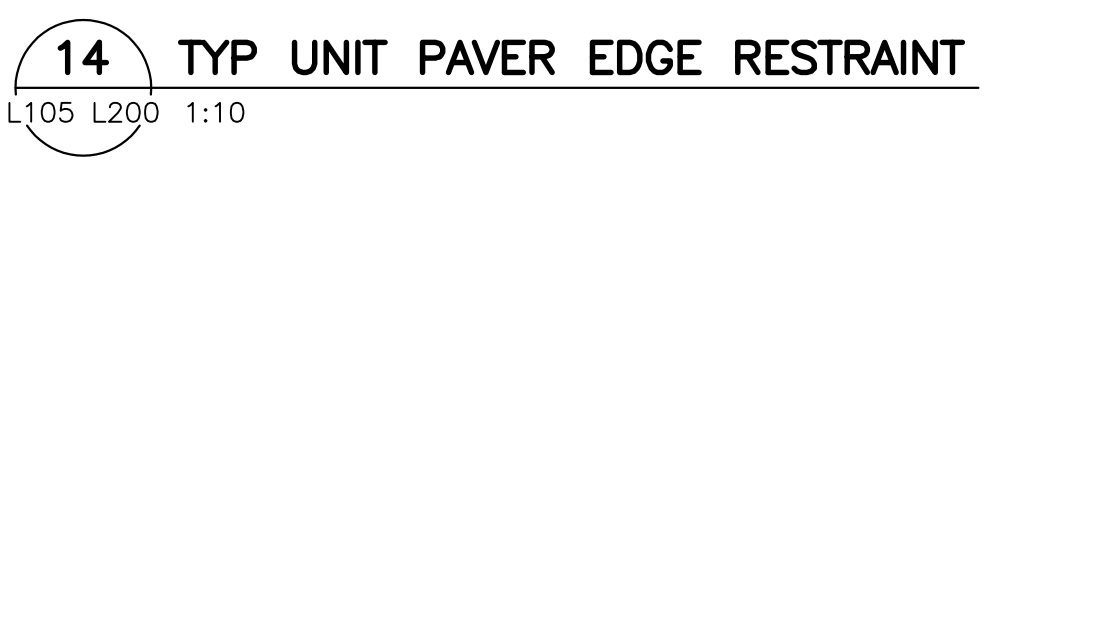
17 TYP TREE PLANTING DETAIL
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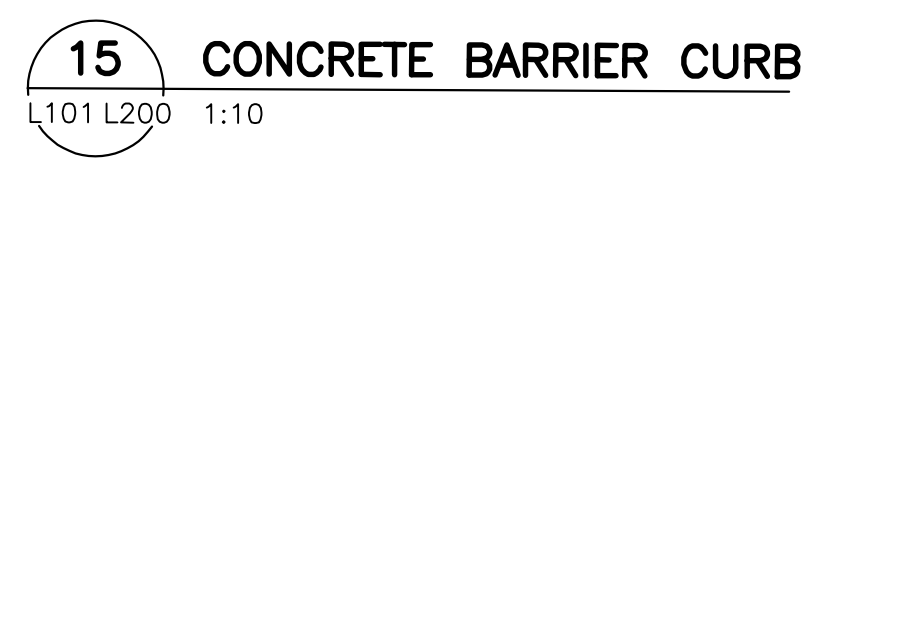
18 TYP SHRUB PLANTING DETAIL
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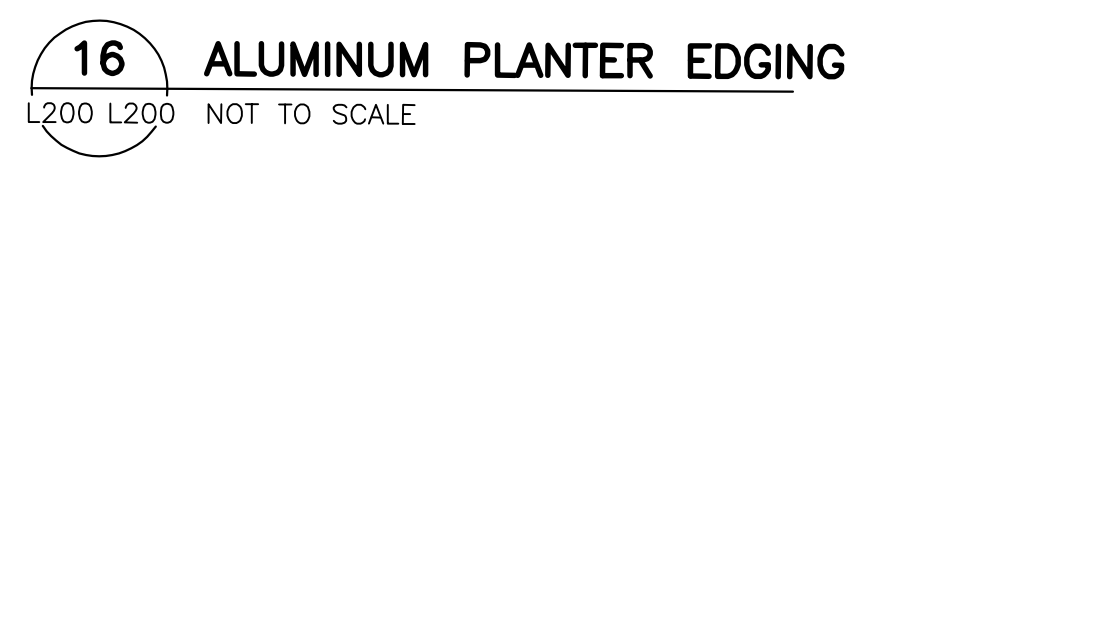
19 PLANTING BED AND ALUMINUM EDGE DETAIL
1:20



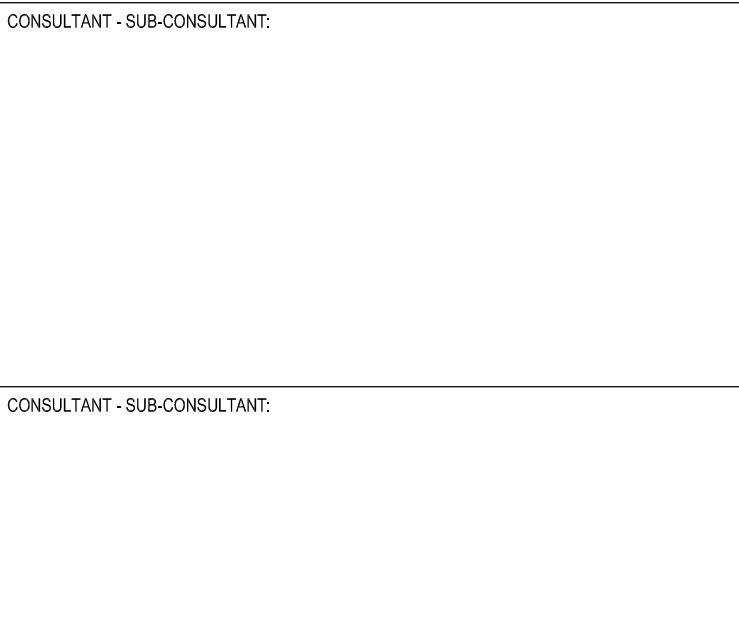
20 TREE PLANTING WITHIN PLAY AREA
1:200



21 LANDSCAPE CURB DETAIL
1:20



22 LOG STUMP SEAT
1:20



23 LIMESTONE BOULDER SEAT
1:20

Conseil des écoles publiques de l'Est de l'Ontario

ÉCOLE ÉLÉMENTAIRE BARRHAVEN - MANOTICK

REV.	DATE	DESCRIPTION
1	04 AUG 2021	30% CD REVIEW
2	27 AUG 2021	REVISED PER 30% CD REVIEW
3	24 SEP 2021	80% CD REVIEW
4	19 NOV 2021	80% CD REVIEW
5	14 JAN 2022	80% CD REVIEW
6	21 MAR 2022	ISSUED FOR BID AND PERMIT
7	22 JUL 2022	REVISED FOR SITE PLAN CONTROL

PROJECT NO: 219-0001421
DATE: MARCH 2022
ORIGINAL SCALE: AS NOTED
DESIGNED BY: AH
DRAWN BY: SG
CHECKED BY: AH
DISCIPLINE: LANDSCAPE
TITLE: LANDSCAPE DETAILS
SHEET NUMBER: L200
DATE OF: 0

CONSULTANT - SUB-CONSULTANT
 CONSULTANT - SUB-CONSULTANT
 CONSULTANT - SUB-CONSULTANT
 CONSULTANT - SUB-CONSULTANT
 CONSULTANT - SUB-CONSULTANT
 CONSULTANT - SUB-CONSULTANT

SCALE:
 CLIENT REF: # -
 PROJECT:



ÉCOLE ÉLÉMENTAIRE
 BARRHAVEN - MANOTICK

KEY PLAN:

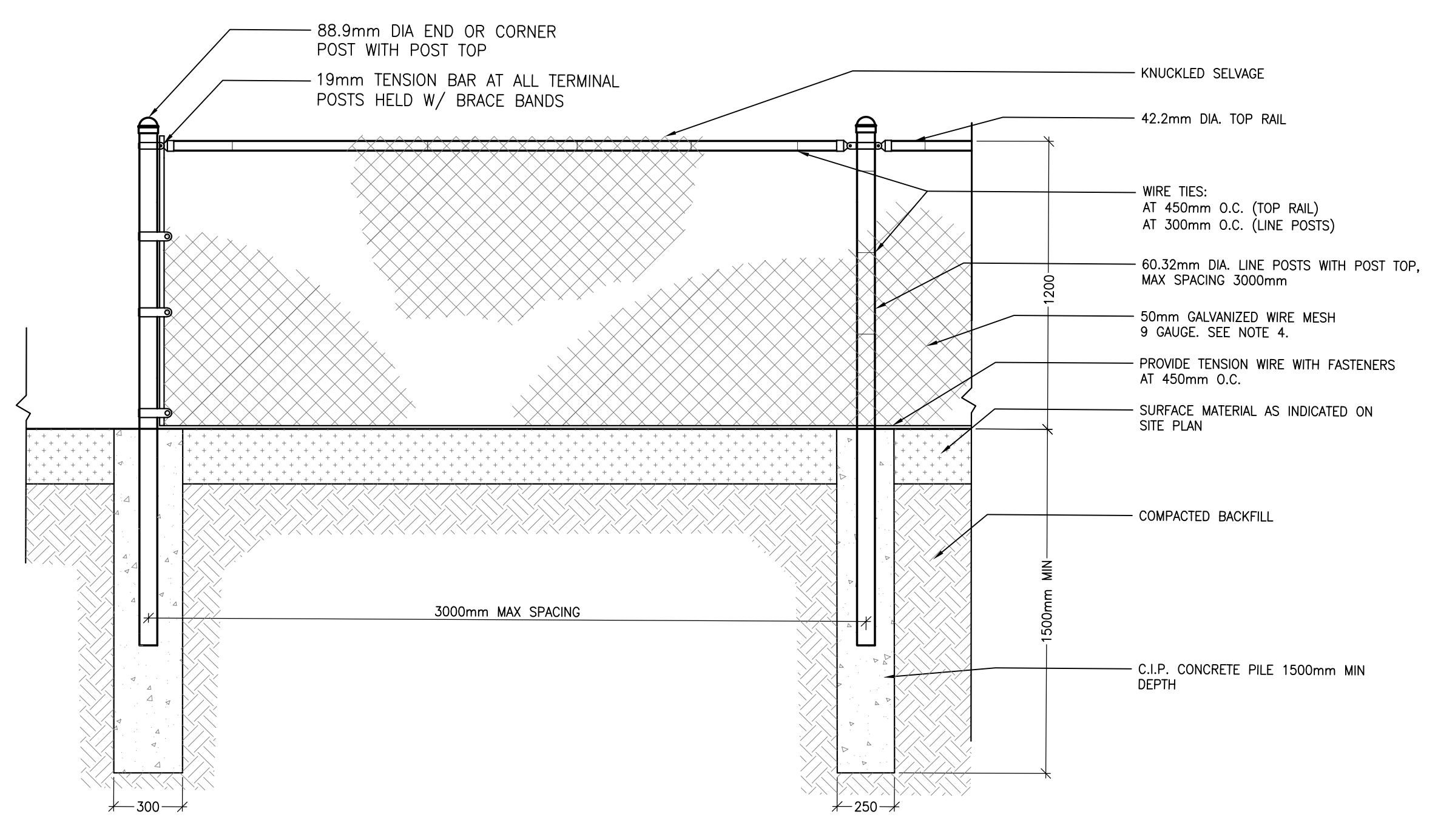
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ISSUED FOR REVIEW

NO.	DATE	DESCRIPTION
1	04 AUG 2021	30% CD REVIEW
2	23 AUG 2021	REISSUED FOR 30% CD REVIEW
3	24 SEP 2021	85% CD REVIEW
4	19 NOV 2021	85% CD REVIEW
5	14 JAN 2022	99% CD REVIEW
6	21 MAR 2022	ISSUED FOR BID AND PERMIT
7	30 JUN 2022	ISSUED FOR ADDENDUM #3
8	22 JUL 2022	REISSUED FOR SITE PLAN CONTROL

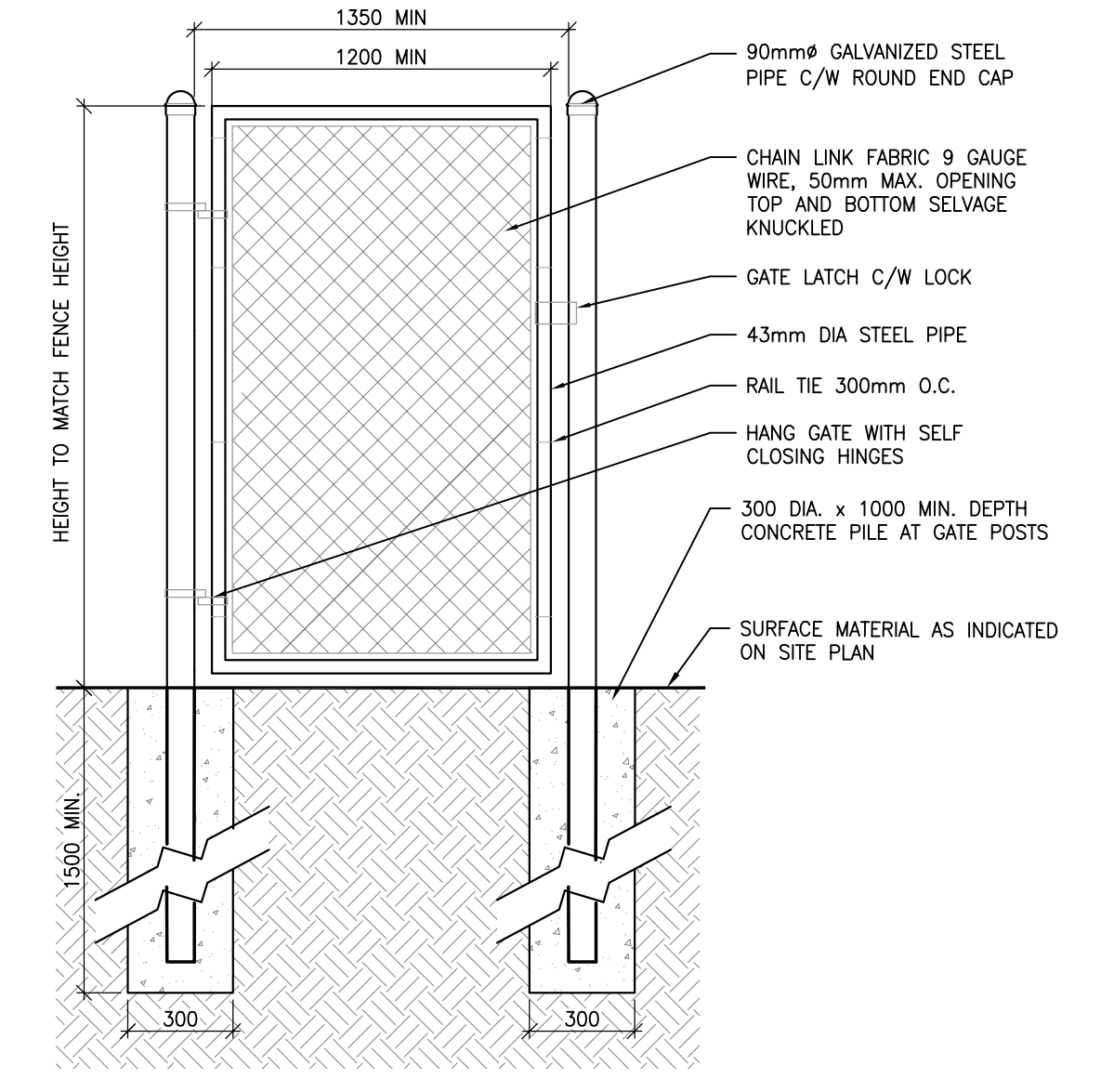
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4	19 NOV 2021	85% CD REVIEW
5	14 JAN 2022	99% CD REVIEW
6	21 MAR 2022	ISSUED FOR BID AND PERMIT
7	30 JUN 2022	ISSUED FOR ADDENDUM #3
8	22 JUL 2022	REISSUED FOR SITE PLAN CONTROL

PROJECT NO:	219-00014-01	DATE:	MARCH 2022
ORIGINAL SCALE:	AS NOTED	IF THIS BAR IS NOT AT CORRECT SCALE:	
DESIGNED BY:	AH		
DRAWN BY:	SG		
CHECKED BY:	AH		
TITLE:	LANDSCAPE		
SHEET NUMBER:	LANDSCAPE DETAILS		
SHEET #:	L201		
DATE OF:	0		

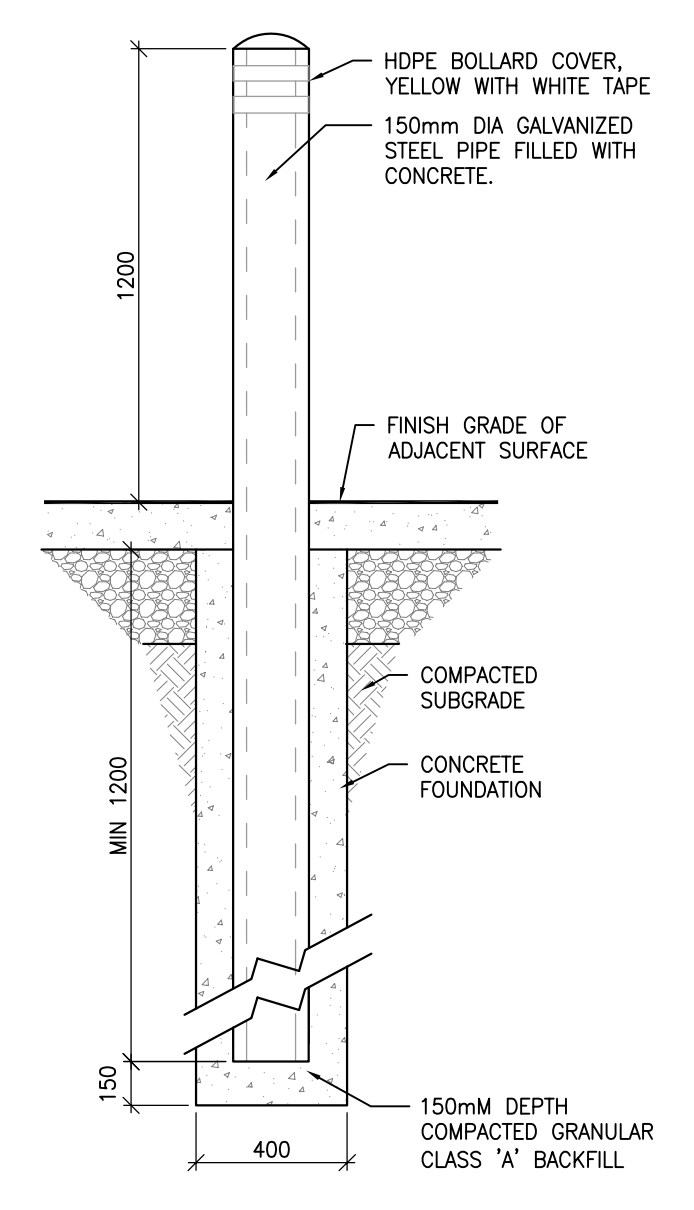


NOTES:
 1. ALL STEEL COMPONENTS TO BE ZINC COATED (GALVANIZED) UNLESS OTHERWISE NOTED.
 2. CONTRACTOR TO INSTALL FENCING WITH APPROPRIATE DETAIL BASED ON SOIL CONDITION.
 3. TERMINAL POSTS TO BE USED AT ALL OPENINGS AND CHANGES IN DIRECTION AND AT NO MORE THAN 30m INTERVALS.
 4. CONCRETE FOOTING SHALL BE CSA 30MPa CLASS F-1.
 5. ALL RAILS, RODS AND TENSION WIRES TO BE INSTALLED ON THE INSIDE OF THE FENCE.
 6. CONTRACTOR TO INSTALL FENCE TO RESPOND TO CHANGES IN GRADE.

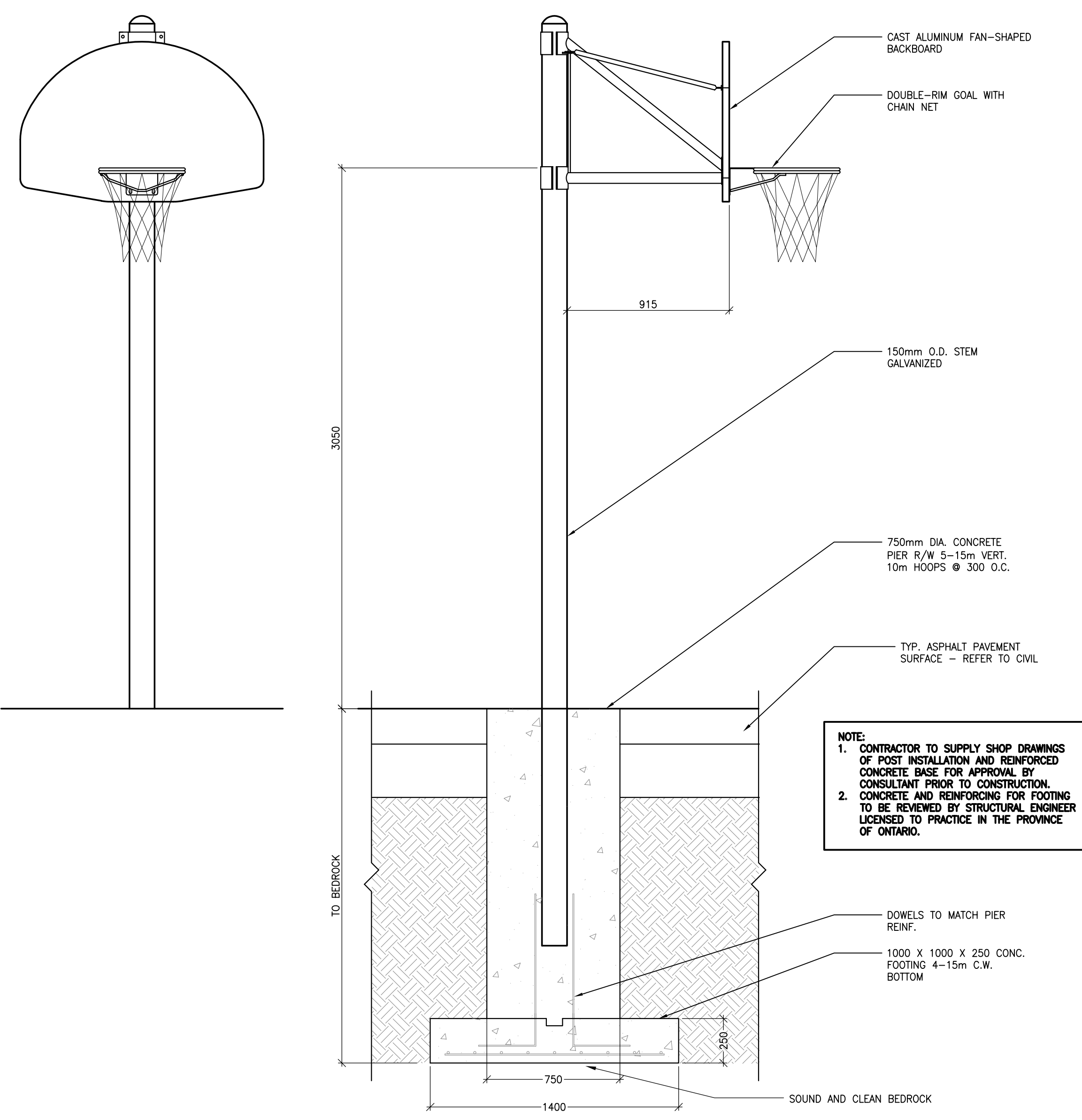
24 TYP CHAIN LINK FENCE
 L101 L201 1:20



25 CHAIN LINK GATE
 L101 L201 1:20

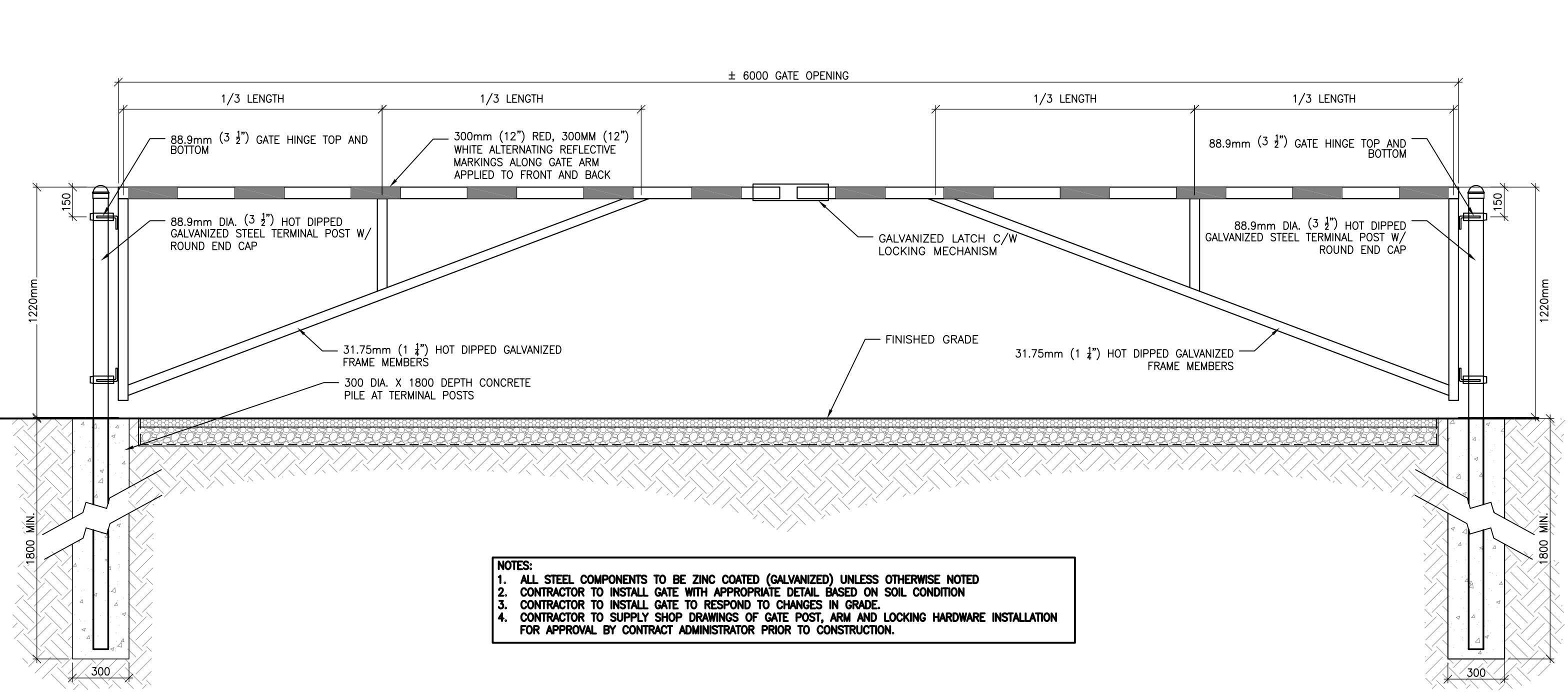
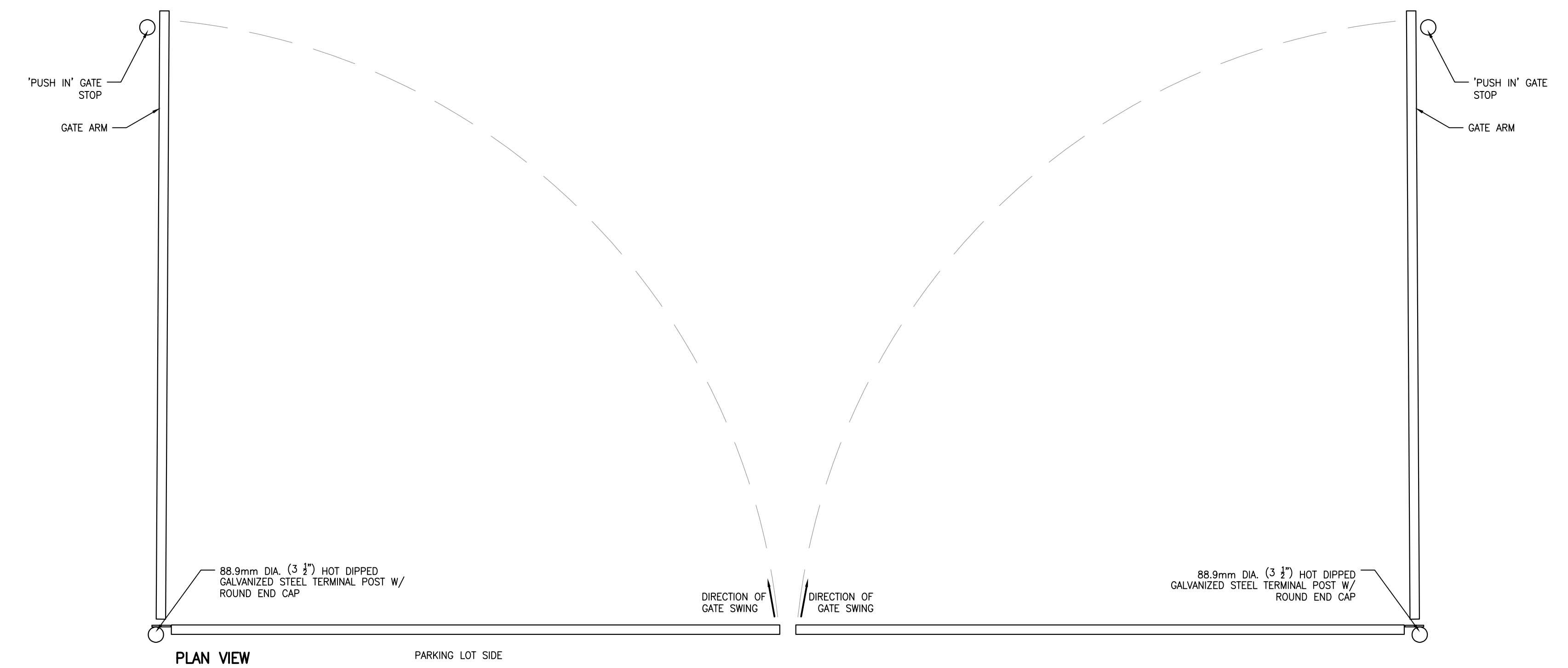


26 CONCRETE FILLED BOLLARD
 L104 L201 1:20



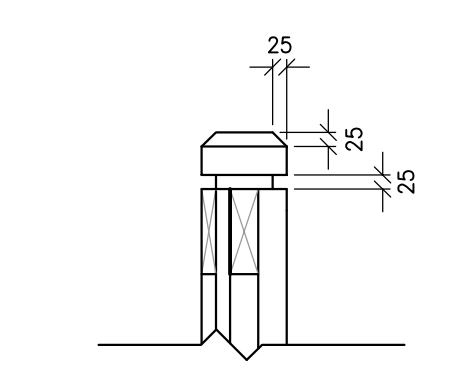
27 FREESTANDING BASKETBALL POST AND BACKBOARD
 L101 L201 1:20

NOTE:
 1. CONTRACTOR TO SUPPLY SHOP DRAWINGS OF POST INSTALLATION AND REINFORCED CONCRETE BASE FOR APPROVAL BY CONSULTANT PRIOR TO CONSTRUCTION.
 2. CONCRETE AND REINFORCING FOR FOOTING TO BE REVIEWED BY STRUCTURAL ENGINEER LICENSED TO PRACTICE IN THE PROVINCE OF ONTARIO.

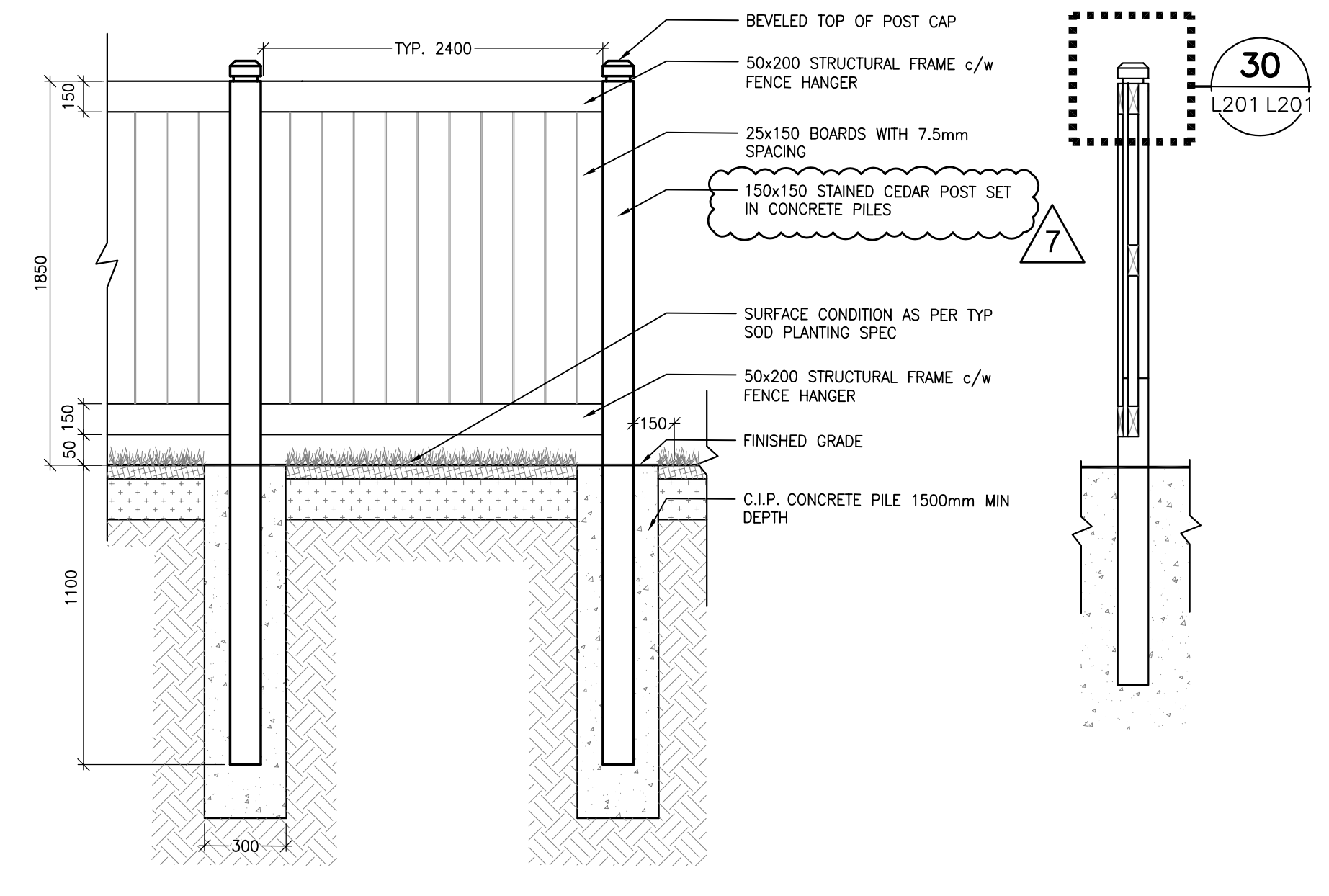


NOTES:
 1. ALL STEEL COMPONENTS TO BE ZINC COATED (GALVANIZED) UNLESS OTHERWISE NOTED.
 2. CONTRACTOR TO INSTALL GATE WITH APPROPRIATE DETAIL BASED ON SOIL CONDITION.
 3. CONTRACTOR TO INSTALL GATE TO RESPOND TO CHANGES IN GRADE.
 4. CONTRACTOR TO SUPPLY SHOP DRAWINGS OF GATE POST, ARM AND LOCKING HARDWARE INSTALLATION FOR APPROVAL BY CONTRACT ADMINISTRATOR PRIOR TO CONSTRUCTION.

28 VEHICULAR BARRIER GATE
 L101 L201 1:20

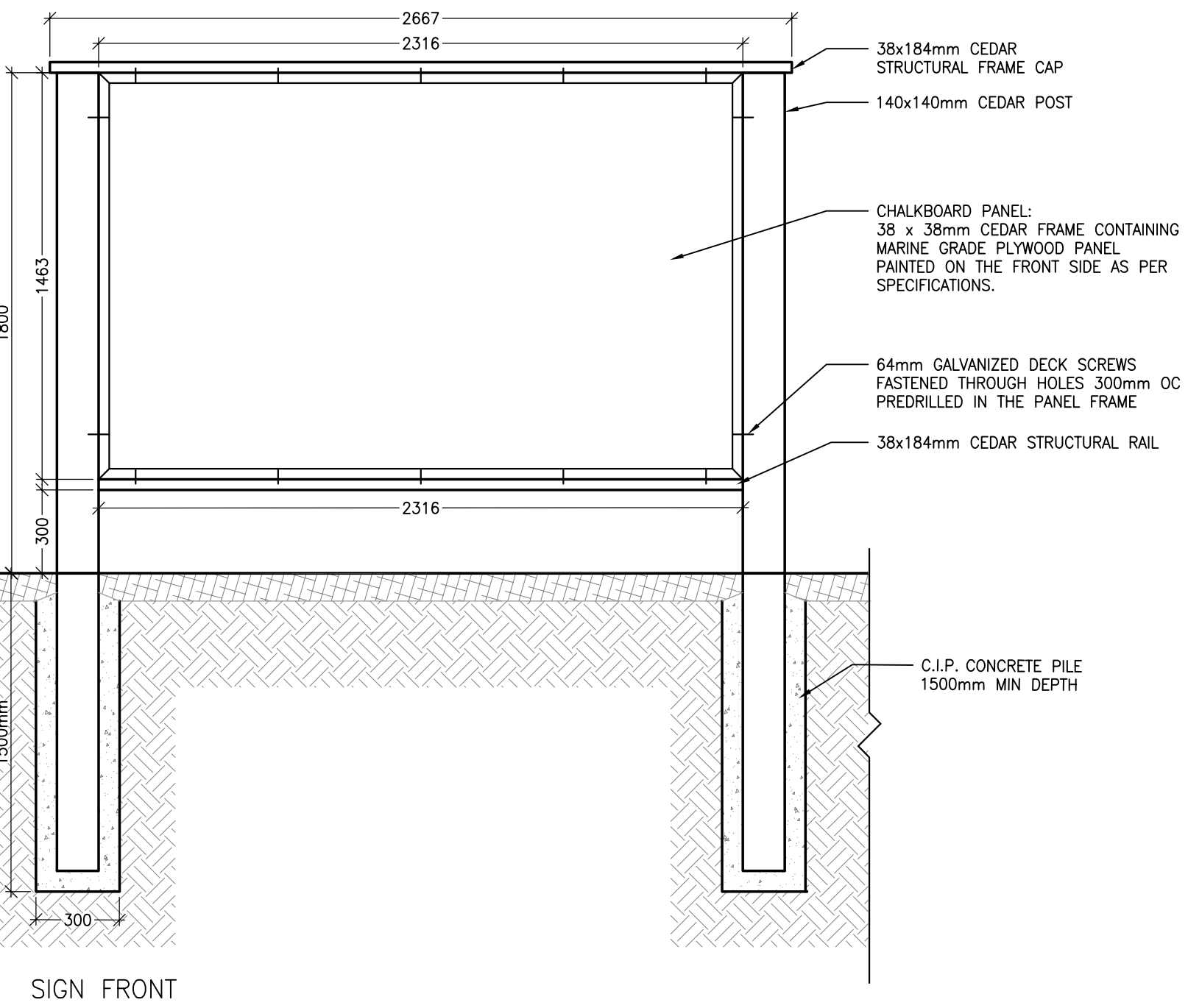
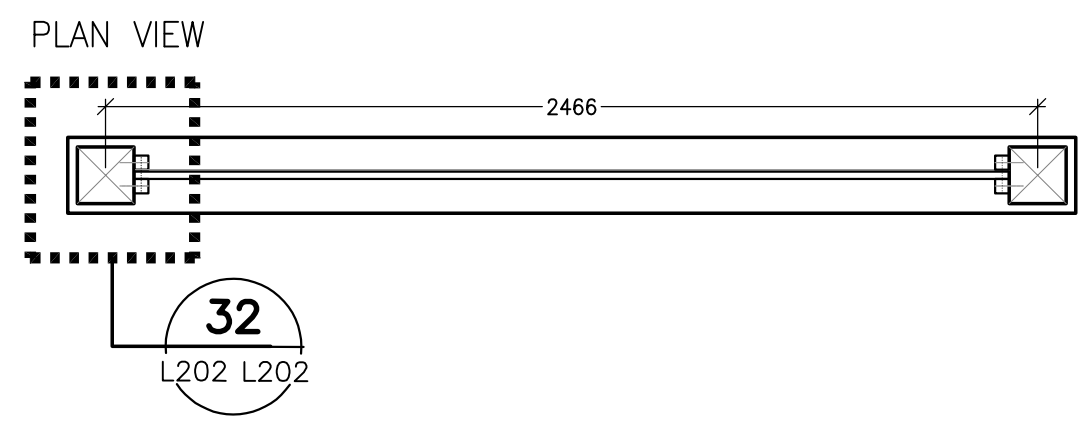


30 POST CAP ENLARGEMENT
 L201 L201 1:10

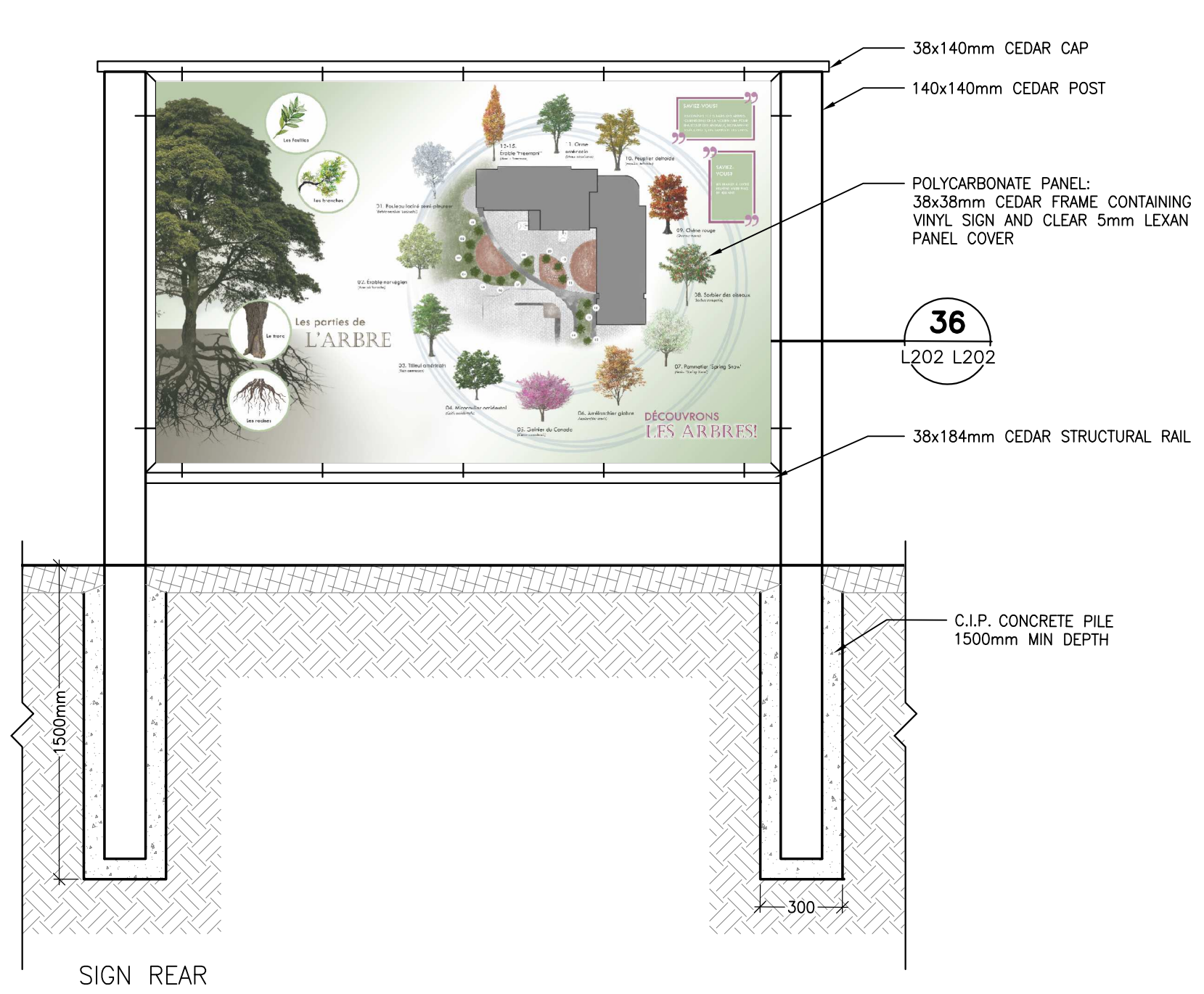


NOTES:
 1. ALL FASTENINGS AND HARDWARE TO BE GALVANIZED AND ARE INCIDENTAL TO THE CONSTRUCTION OF THE FENCE.
 2. ALL WOOD TO BE STAINED EASTERN WHITE CEDAR, PROVIDE STAIN SAMPLE FOR APPROVAL PRIOR TO PURCHASE.
 3. LUMBER SIZES SHOWN ARE NOMINAL.
 4. PAINT ALL CUTS WITH APPROVED WOOD PRESERVATIVE.
 5. GRANULAR 'A' SHALL MEET THE REQUIREMENTS OF OPSS 1010

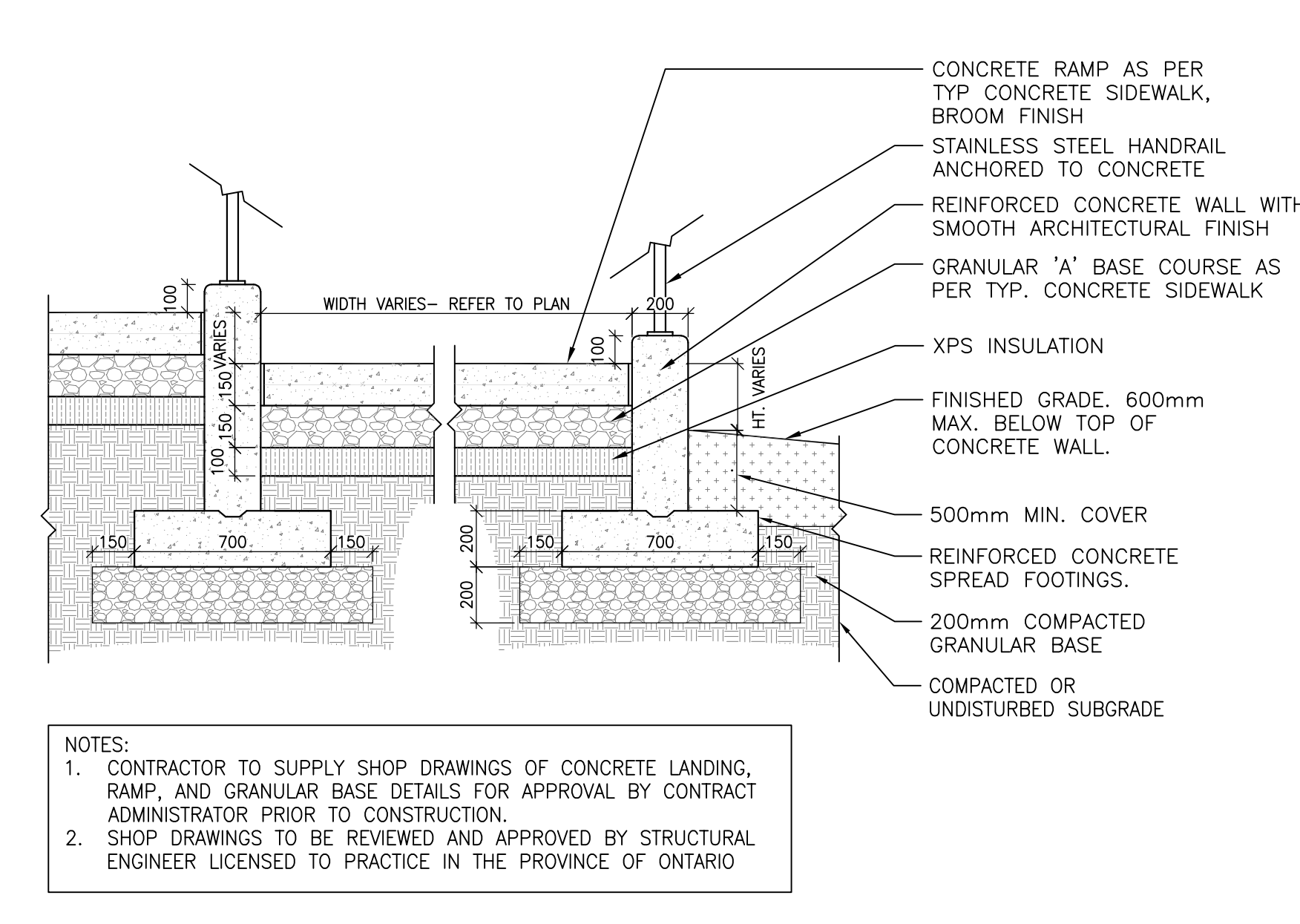
29 TYP WOOD SCREEN FENCE
 L101 L201 1:20



31 OUTDOOR CHALKBOARD AND SIGN PANEL
 L104 L202 1:20

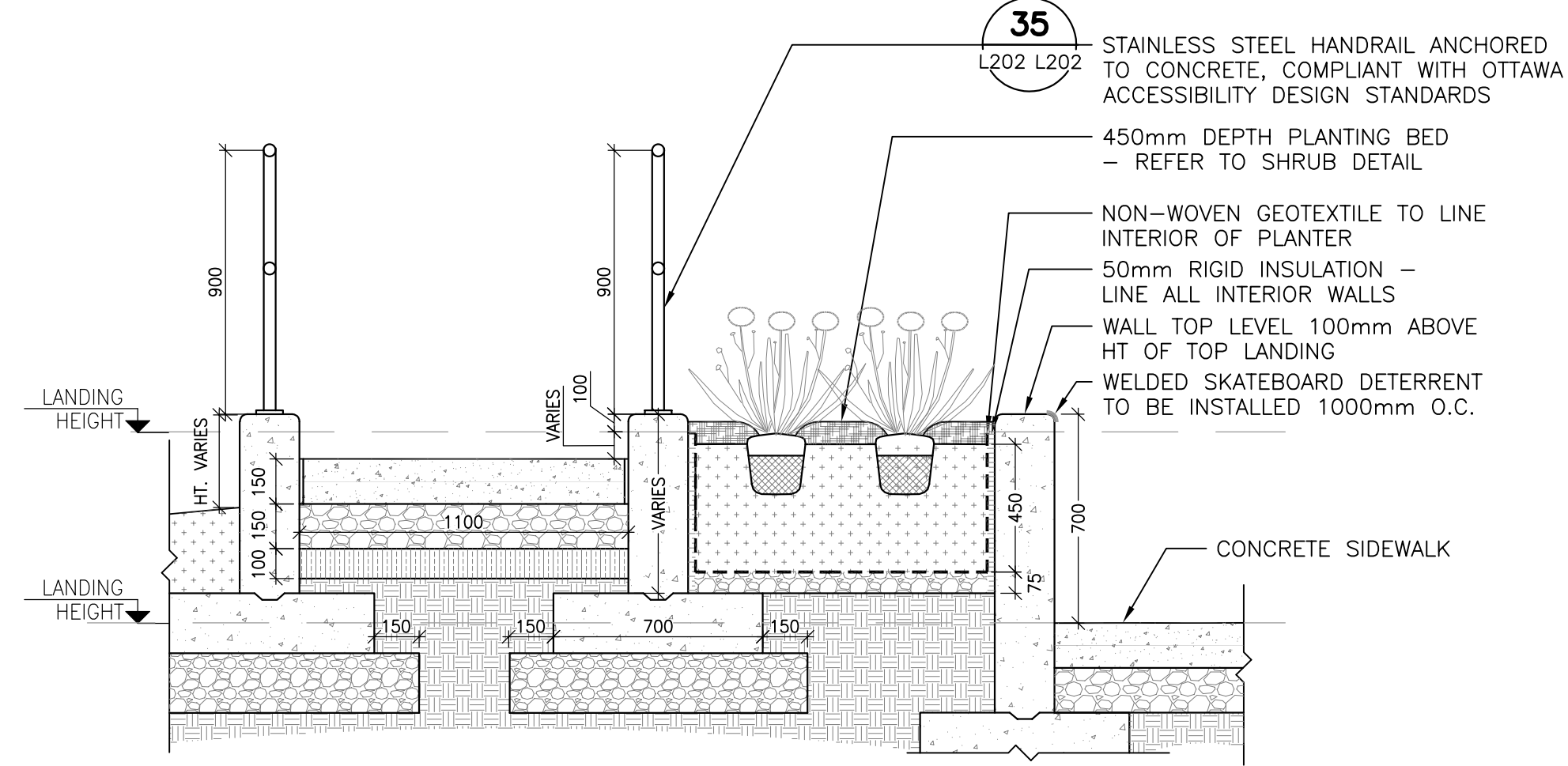


32 C.I.P. CONCRETE ACCESSIBILITY RAMP
 L105 L202 1:20



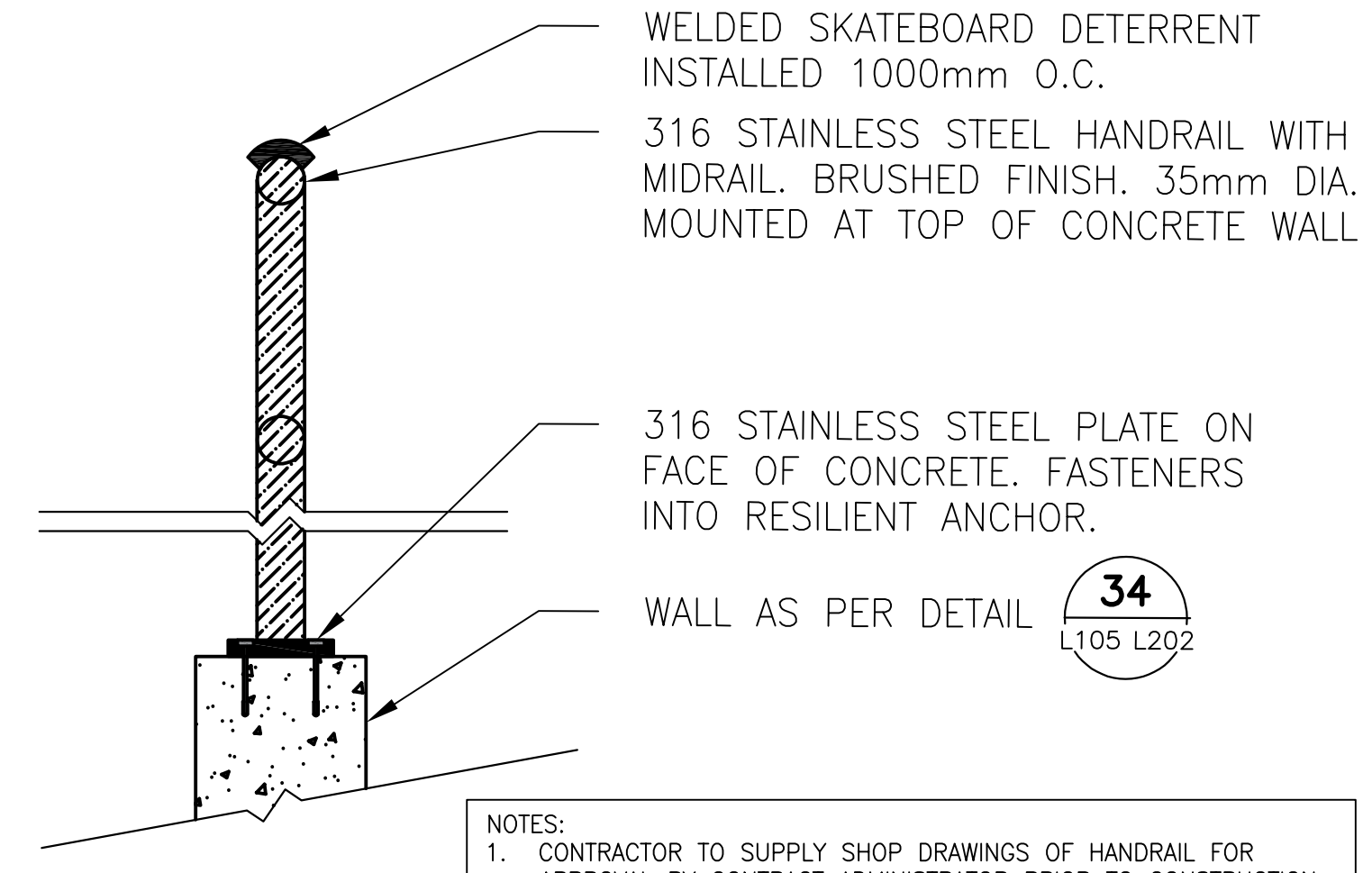
33 C.I.P. CONCRETE ACCESSIBILITY RAMP
 L105 L202 1:20

NOTES:
 1. CONTRACTOR TO SUPPLY SHOP DRAWINGS OF CONCRETE LANDING, RAMP, AND GRANULAR BASE DETAILS FOR APPROVAL BY CONTRACT ADMINISTRATOR PRIOR TO CONSTRUCTION.
 2. SHOP DRAWINGS TO BE REVIEWED AND APPROVED BY STRUCTURAL ENGINEER LICENSED TO PRACTICE IN THE PROVINCE OF ONTARIO.



NOTES:
 1. CONTRACTOR TO SUPPLY SHOP DRAWINGS OF CONCRETE LANDING, RAMP, AND GRANULAR BASE DETAILS FOR APPROVAL BY CONTRACT ADMINISTRATOR PRIOR TO CONSTRUCTION.
 2. SHOP DRAWINGS TO BE REVIEWED AND APPROVED BY STRUCTURAL ENGINEER LICENSED TO PRACTICE IN THE PROVINCE OF ONTARIO.

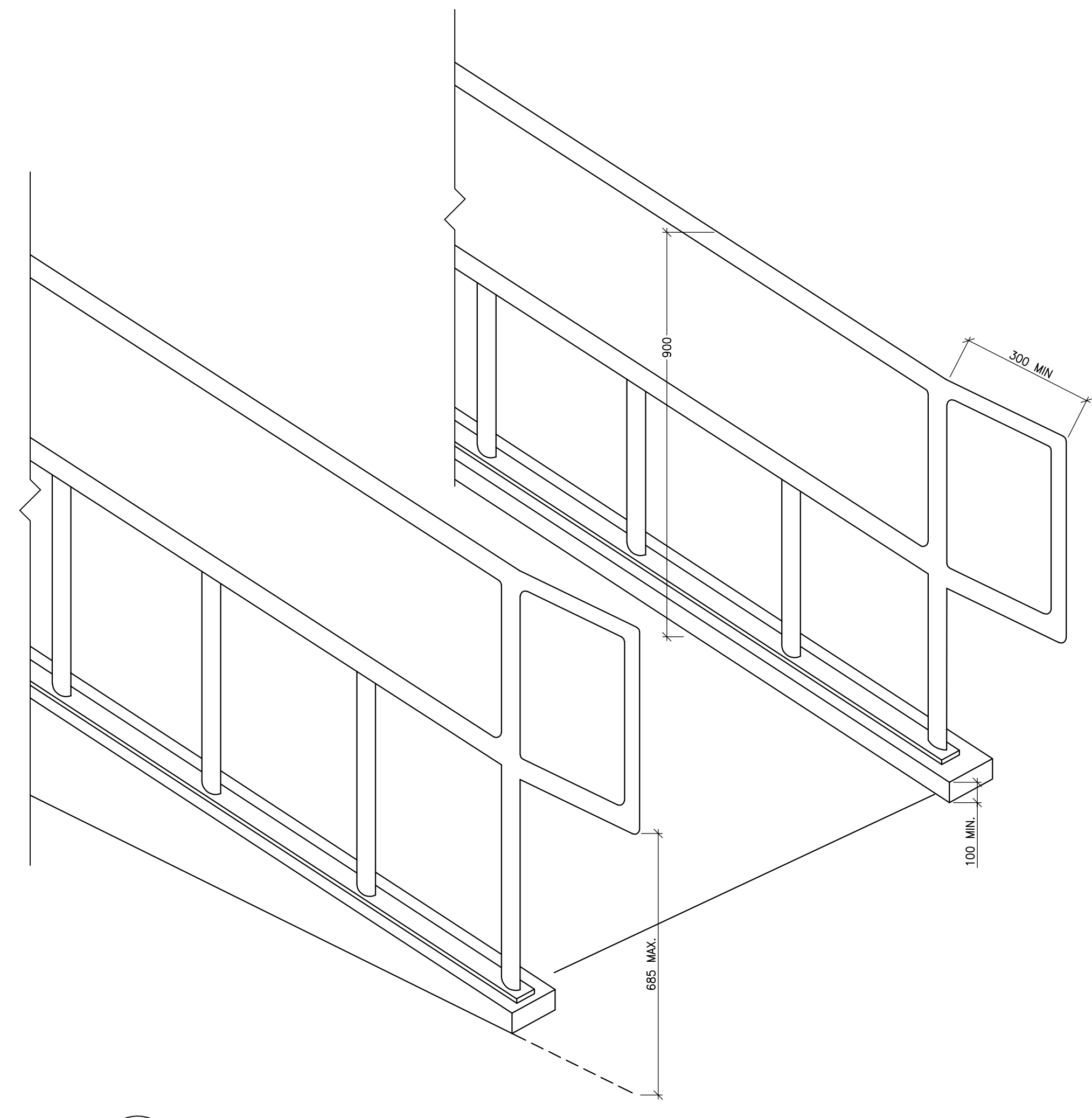
34 C.I.P. CONCRETE ENTRANCE RAMP PLANTER
 L105 L202 1:20



NOTES:
 1. CONTRACTOR TO SUPPLY SHOP DRAWINGS OF HANDRAIL FOR APPROVAL BY CONTRACT ADMINISTRATOR PRIOR TO CONSTRUCTION.
 2. SHOP DRAWINGS TO BE REVIEWED AND APPROVED BY STRUCTURAL ENGINEER LICENSED TO PRACTICE IN THE PROVINCE OF ONTARIO.

35 TYP HANDRAIL AND CONNECTION TO CONCRETE WALL
 L202 L202 1:5

33 VINYL SIGNAGE EXAMPLE
 L202 L202 NTS



36 RAILING HEIGHT AXONOMETRIC
 L105 L202 NTS



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 BARRHAVEN - MANOTICK

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DISCLAIMER: THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND UTILITIES LOCATIONS AND REPORT ALL ERRORS AND OMISSIONS PRIOR TO COMMENCING WORK. THE DIMENSIONS NOT TO SCALE.

ISSUED FOR: REVISION

NO.	DATE	DESCRIPTION
8	22 JUL 2022	REISSUED FOR SITE PLAN CONTROL
7	12 JUL 2022	ISSUED FOR ADDENDUM #6
6	21 MAR 2022	ISSUED FOR BID AND PERMIT
5	14 JAN 2022	90% CD REVIEW
4	19 NOV 2021	85% CD REVIEW
3	24 SEP 2021	60% CD REVIEW
2	27 AUG 2021	RE-ISSUED FOR 30% CD REVIEW
1	04 AUG 2021	30% CD REVIEW

PROJECT NO.	DATE
Z19-0001421	MARCH 2022

LANDSCAPE
 LANDSCAPE DETAILS

SHEET NUMBER: **L202**

DATE OF: 0