

GENERAL NOTES

- ALL SITE WORK CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE MUNICIPALITY OF ANCHORAGE (MASS) STANDARD SPECIFICATIONS, CURRENT EDITION, UNLESS OTHERWISE SPECIFIED.
- LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE ONLY. VERIFY LOCATIONS BY OBTAINING UTILITY LOCATES PRIOR TO BEGINNING CONSTRUCTION.
- DIMENSIONS AND RADII SHOWN ARE TO TOP BACK OF CURB, EDGE OF SIDEWALK, CENTER OF PAINT STRIPE OR FACE OF FOUNDATION UNLESS INDICATED OTHERWISE.
- ELEVATIONS ARE TO EDGE OF PAVEMENT, TOP OF SIDEWALK, OR EARTHWORK FINISH GRADE UNLESS INDICATED OTHERWISE.
- EXISTING GROUND CONTOURS ARE BASED ON TOPOGRAPHIC SURVEYS COMPLETED BY CRW ENGINEERING IN NOVEMBER 2021 AND EDGE SURVEY AND DESIGN, LLC IN MARCH 2022.
- SOILS INFORMATION IS ASSUMED BASED ON BORING INFORMATION IN ADJACENT ROADWAYS.
- ALL FILL MATERIAL SHALL BE PLACED IN LIFTS NO THICKER THAN 12 INCHES, AND COMPACTED TO AT LEAST 95% OF THE MAXIMUM DENSITY DETERMINED BY AASHTO T-180-d. EXISTING SOILS THAT QUALIFY AS CLASSIFIED FILL MAY BE UTILIZED AS BACKFILL. SUBMIT TEST RESULTS TO THE ENGINEER OF RECORD VERIFYING GRADATION OF EXISTING SOIL MATERIAL PRIOR TO PLACING AS BACKFILL. PROVIDE PASSING COMPACTION TESTS FOR ALL FILL AND BACKFILL PLACED.
- CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS.
- PROVIDE SWPPP DETAILING CONTROLS TO LIMIT SEDIMENT DISCHARGE FROM THE SITE DURING CONSTRUCTION DUE TO SOIL EROSION. THESE CONTROLS SHALL INCLUDE REGULAR SWEEPING OF STREETS ADJACENT TO THE SITE THAT ACCUMULATE SITE SOILS. ADDITIONAL CONTROLS MAY BE REQUIRED IF THESE MEASURES PROVE INADEQUATE.
- PROVIDE DOT&PF AND MOA TRAFFIC CONTROL PLANS. OBTAIN NECESSARY ROW PERMITS AS REQUIRED.
- FOLLOW ALL MUNICIPALITY OF ANCHORAGE REGULATIONS FOR NOISE, HOURS OF OPERATION, AND DUST CONTROL.
- RESTORE ALL DISTURBED PROPERTY OUTSIDE OF WORK LIMITS TO ORIGINAL CONDITIONS.
- HAUL ROUTES SHALL BE THE SHORTEST, MOST DIRECT ROUTES TO MINIMIZE TRAVEL ON LOCAL AND COLLECTOR ROADWAYS.

PARKING AND LOADING CALCULATIONS

REQUIRED PARKING

OFFICE 1 SPACE/350 SF
40,782 SF/350 = 116.52 SPACES

PER EXISTING PARKING AGREEMENT 100 SPACES REQUIRED

PROVIDED

54 SPACES SOUTH OF W. 27TH AVENUE
28 SPACES LOT X NORTH OF W. 27TH
82 TOTAL PARKING SPACES
WITH UPDATED PARKING STUDY AND AGREEMENT

HC PARKING

TOTAL SPACES PROVIDED: 82
TOTAL HC SPACES REQUIRED: 4 (1 VAN ACCESSIBLE)
TOTAL HC SPACED PROVIDED: 4

BICYCLE PARKING

3% REQUIRED PARKING; MIN OF 4
 $80 * 0.03 = 2.4$
4 BICYCLE SPACES REQUIRED
SEE LANDSCAPE FOR BICYCLE PARKING

LOADING

25,000-40,000 SF = 1 TYPE B LOADING BERTH
40,000-100,000 SF = 2 TYPE B LOADING BERTHS
TYPE B LOADING BERTH - 10' X 30'
2 LOADING BERTHS REQUIRED; 1 PROVIDED
SEEKING WAIVER FROM TRAFFIC ENGINEER

YARD SETBACKS

REQUIRED (B3 ZONING)

FRONT - 10 FEET
SIDE - 0 OR 10 FEET; 15 FEET ADJ RES
REAR - 0 OR 5 FEET; 15 FEET ADJ RES

PROVIDED

PRIMARY FRONT (NL) - 10.1 FEET
SECONDARY FRONT (ARC) - 54.8 FEET
SECONDARY FRONT (W. 27TH) - 155.5 FEET
SIDE (WEST) - 2.5 FEET

REFUSE

SEE SITE PLAN

SNOW STORAGE CALCULATIONS

5% PAVED AREAS
PAVED AREAS: 22,545 SF

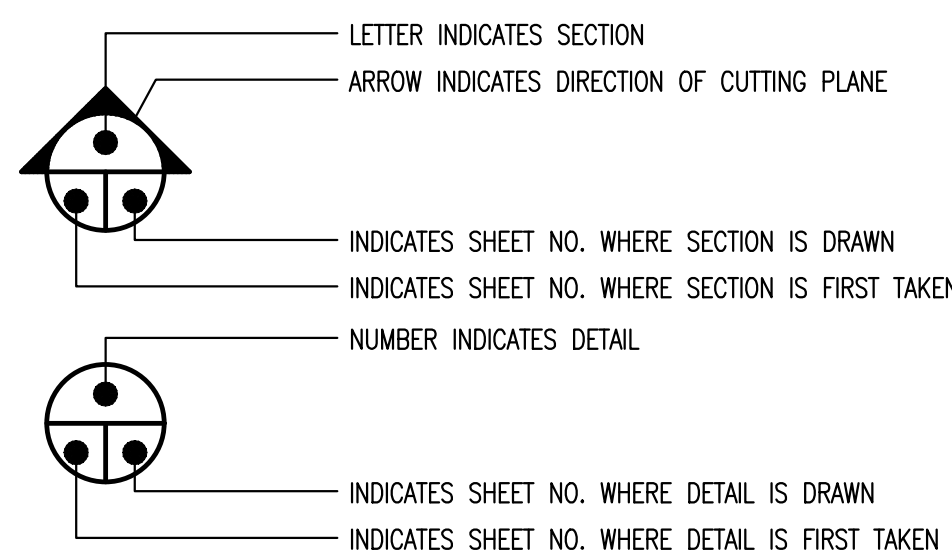
REQUIRED SNOW STORAGE: 1,127.25 SF

PROVIDED SNOW STORAGE: NONE
TEMPORARY SNOW STORAGE PROVIDED: 1,100 SF

ALTERNATE SNOW MANAGEMENT AGMT TO BE RECORDED
TEMPORARY SNOW STORAGE SHOWN ON C3.0

LEGEND

DESCRIPTION	EXISTING	NEW
PROPERTY LINE	- - - - -	- - - - -
EASEMENT	- - - - -	- - - - -
GRADE BREAK	- - - - -	- - - - - GB - - - - -
CENTERLINE	- - - - -	- - - - -
DRAINAGE SWALE	- - - - -	- - - - -
DRAINAGE ARROW	- - - - -	- - - - -
GAS LINE	- G - - - - -	- G - - - - -
UNDERGROUND ELECTRIC	- UGE - - - - -	- UGE - - - - -
SEWERLINE W/MANHOLE	- S - - - - -	- S - - - - -
STORMDRAIN W/MANHOLE	- SD - - - - -	- SD - - - - -
WATERLINE W/VALVE	- W - - - - -	- W - - - - -
ELEVATION CONTOUR	204	204
EDGE OF ASPHALT	//////	//////
STRUCTURE	//////	//////
CONCRETE		
SPOT ELEVATION	124.77	124.77
SIGN	○	○
FIRE HYDRANT	○	○
TEST BORING	○ TB #3	○ TB #3
LIGHT POLES	○	○
TEMPORARY BENCH MARK	△ TBM #1	△ TBM #1
2-1/2" BRASS CAP	○	○
2" ALUMINUM CAP	○	○



ABBREVIATIONS

AC	ASPHALT CONCRETE/ASBESTOS CEMENT	ME	MATCH EXISTING
BM	BENCHMARK	MH	MANHOLE
CB	CATCH BASIN	MIN	MINIMUM
CI	CAST IRON	N	NORTH
CL	CENTERLINE	NE	NORTHEAST
CMP	CORRUGATED METAL PIPE	NTS	NOT TO SCALE
CP	CONTROL POINT	OHE	OVERHEAD ELECTRIC
CPEP	CORRUGATED POLYETHYLENE PIPE	PCC	PORTLAND CEMENT CONCRETE
CU	COPPER	R	RADIUS
DIP	DUCTILE IRON PIPE	S	SEWER, SOUTH
E	ELECTRICAL	SD	STORM DRAIN
EA	EACH	SS	SANITARY SEWER
ELEV	ELEVATION	ST	STEEL
FL	FLOWLINE	SW	SOUTHWEST
GB	GRADE BREAK	TC	TOP BACK OF CURB
INV	INVERT	TYP	TYPICAL
LF	LINEAR FEET	W	WIDTH, WATER
MAX	MAXIMUM		

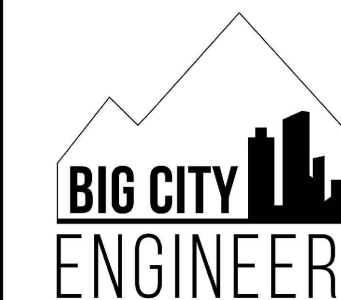
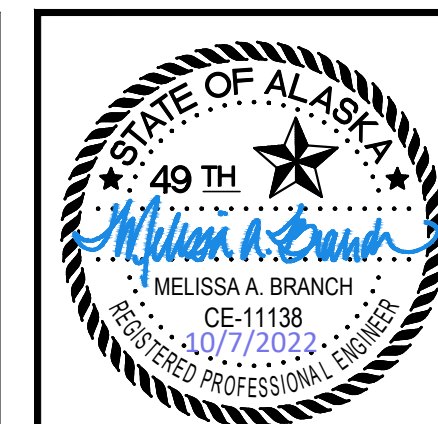


PROPERTY & SURVEY DATA

LEGAL DESCRIPTION: LOT 1A, BLOCK 3, SUNBEAM SUBDIVISION (PLAT NO. 91-15)
LOT 3, BLOCK 3, WOODS SUBDIVISION (PLAT NO. P-8B)
LOT 3, C G BARNETT SUBDIVISION (PLAT NO. P-8C)

BEFORE DOING ANY DIGGING OR EXCAVATION
CALL FOR FREE UNDERGROUND LOCATION

ALASKA DIGLINE INC.
ANCHORAGE AREA: 278-3121
STATEWIDE: 800-478-3121

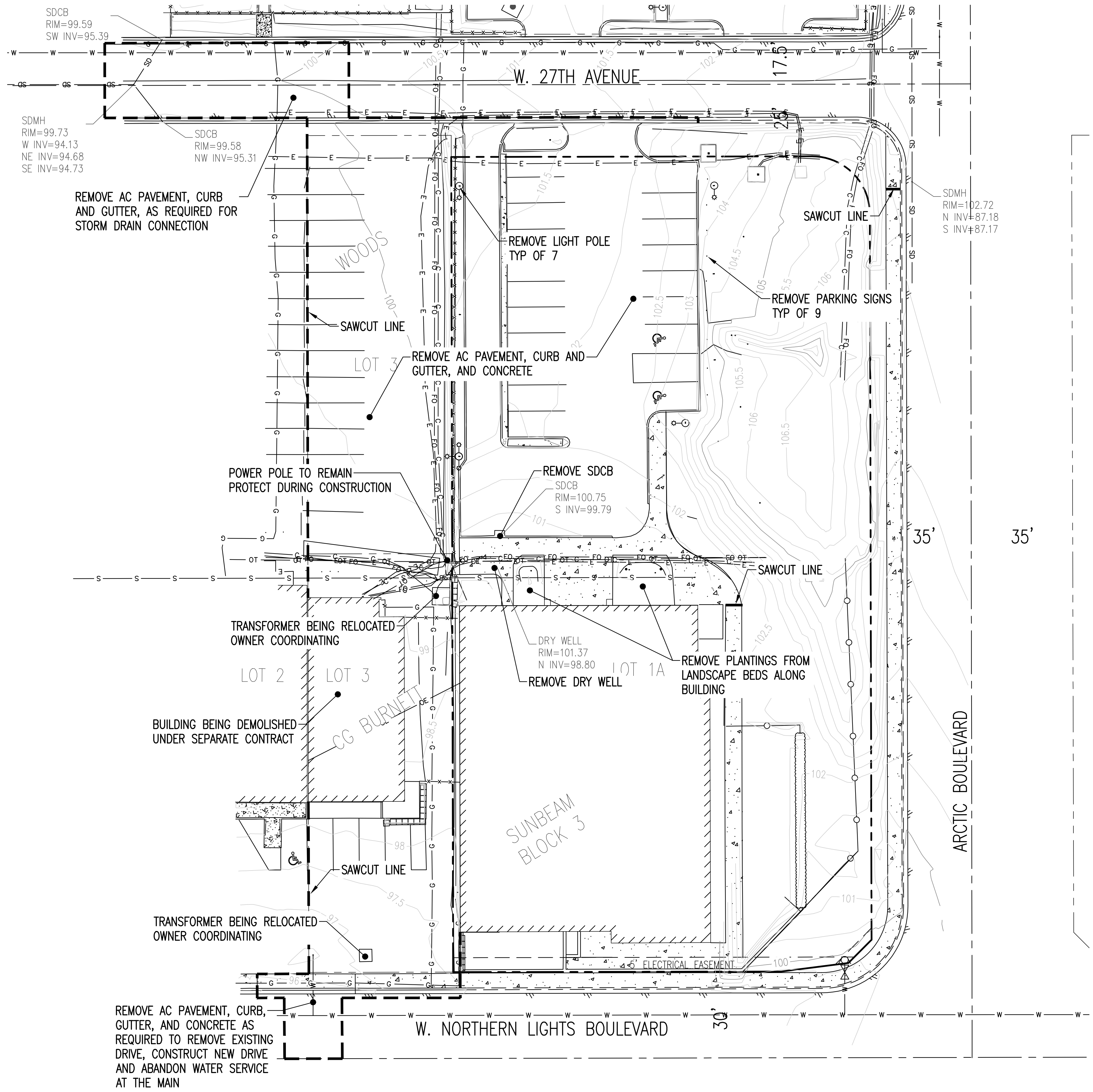


P.O. BOX 92946
ANCHORAGE, ALASKA 99509
907/360-0985
LICENSE # 102625

AIDEA PARKING IMPROVEMENTS
813 W. NORTHERN LIGHTS BLVD.

LOT 1A, BLOCK 3, SUNBEAM; LOT 3, WOODS; AND LOT 3, C G BURNETT SUBD.

DATE	DESCRIPTION	BY
10.7.2022 <td></td> <td></td>		
PN	TBA	
GRID	SW1529	
SCALE	AS SHOWN	
ENGINEER	MAB	
DRAFTER	MAB	
SHEET TITLE	NOTES, LEGEND, AND ABBREVIATIONS	
SHEET NUMBER	C1.0	



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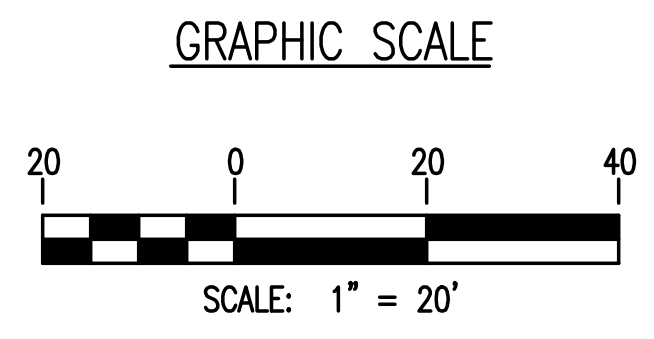
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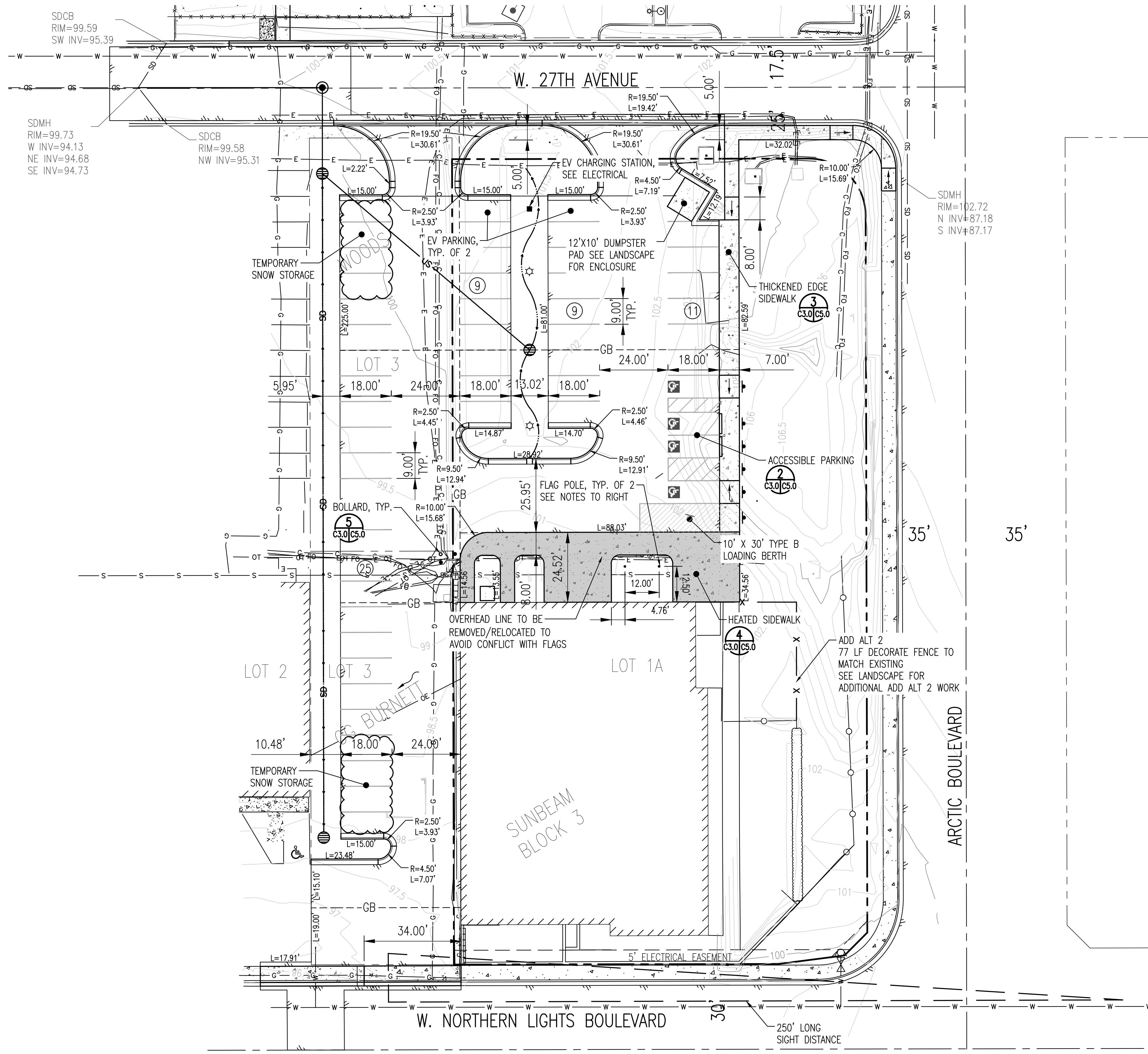
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DRAFTER	MAB

SHEET TITLE
 EXISTING CONDITIONS AND DEMOLITION PLAN

SHEET NUMBER
C2.0

EXISTING CONDITIONS AND DEMOLITION PLAN
 SCALE: 1" = 20'





FLAG POLE NOTES

- FP1. FLAG POLE SHALL BE 40-FOOT TALL COMMERCIAL OUTDOOR STEEL WITH INTERNAL LANYARD. OWNER TO SELECT TOPPER.
- FP2. FLAG POLE TO BE BOLTED TO CONCRETE FOUNDATION. INSTALL ANCHOR BOLTS PER MANUFACTURER'S RECOMMENDATIONS.
- FP3. FLAG POLE FOUNDATION TO BE 24-INCH DIAMETER BY 17-FOOT PIER REINFORCED WITH 6-#8 VERTICALS AND A #3 SPIRAL AT A 3-INCH SPACING. CONCRETE TO BE 4,000 PSI WITH MAX W/C=0.50. SUBMIT MIX DESIGN. REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60. PROVIDE CLASS B SPLICE. SEE DETAIL 9 ON C5.1.
- FP4. POLE SHALL HAVE PERMANENT PROVISIONS FOR THE INSTALLATION OF LIGHT FIXTURES (BY OTHERS) 20- FEET FROM TOP OF POLE. PROVIDE TENON TYPE MOUNTS THAT ARE PERMANENTLY ATTACHED TO POLE WITH 2-3/8-INCH OUTSIDE DIAMETER (O.D.) STEEL TUBING FOR ATTACHMENT TO FIXTURES. AT POLE BASE, PROVIDE ELECTRICAL HANDHOLE AND COVER FOR INSTALLATION OF WIRING TO FIXTURES (BY OTHERS).



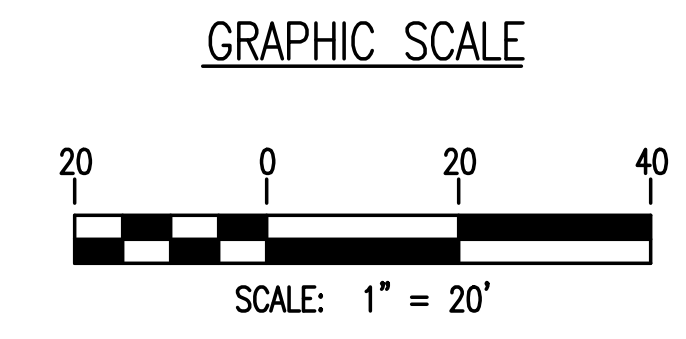
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DATE	10.7.2022
PN	TBA
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SCALE	AS SHOWN
ENGINEER	MAB
DRAFTER	MAB
SHEET TITLE	SITE LAYOUT PLAN
SHEET NUMBER	C3.0

SITE LAYOUT PLAN
 SCALE: 1" = 20'





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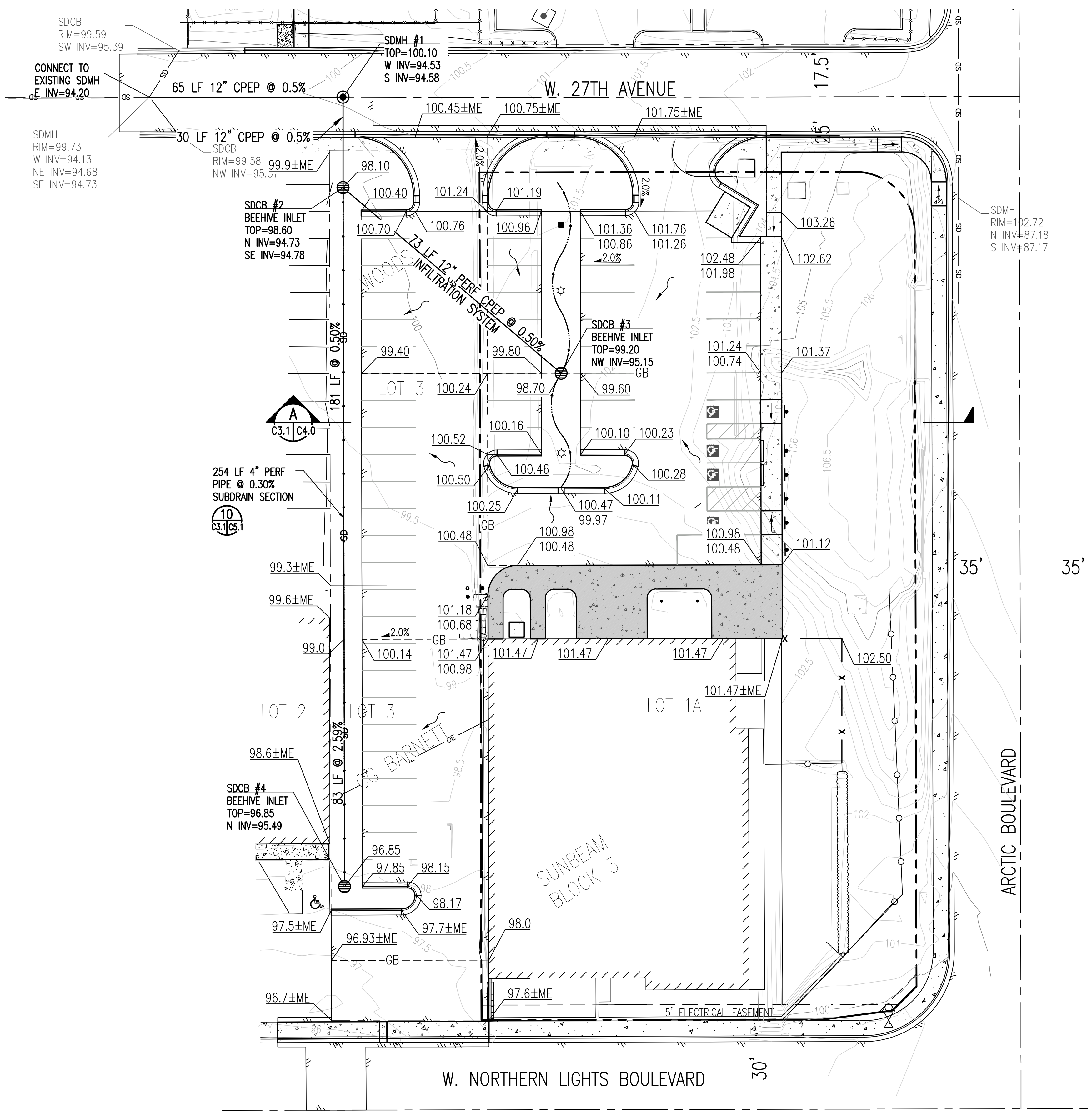
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SHEET TITLE
SITE GRADING AND DRAINAGE PLAN

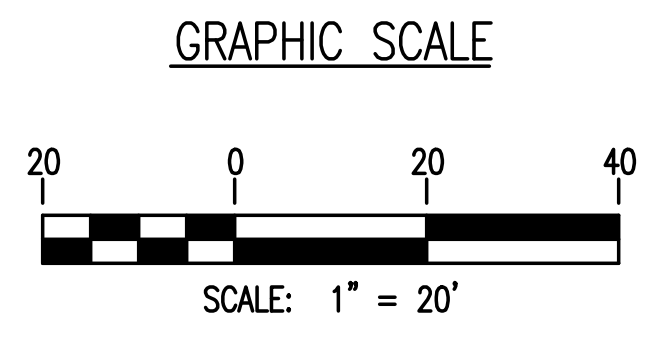
SHEET NUMBER
C3.1

STORM DRAIN NOTES

- SD1. STORM DRAIN PIPE SHALL BE CORRUGATED POLYETHYLENE PIPE (CPEP), DUAL WALLED (TYPE S) UNLESS NOTED OTHERWISE.
- SD2. STORM DRAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PIPE MANUFACTURER'S RECOMMENDATIONS AND ASTM D2321-84, WITH PROPER PLACEMENT AND COMPACTION OF BEDDING, HAUNCHING, AND BACKFILL.
- SD3. PROVIDE A MINIMUM OF 4 FEET OF COVER MEASURED FROM GROUND SURFACE TO TOP OF PIPE. INSTALL 2-INCH THICK X 4-FOOT WIDE RIGID INSULATION CENTERED OVER THE PIPE.
- SD4. ALL INSULATION SHALL BE INSULFOAM (60 PSI) R-TECH VII OR APPROVED EQUAL, MEETING MASS REQUIREMENTS FOR UNDERGROUND INSTALLATIONS.
- SD5. INSTALL LOCATOR TAPE THREE FEET BELOW FINISH GRADE OR TWO FEET DEEP IN STREET STRUCTURAL SECTION PER MASS 20.13.3.E.
- SD6. STORM DRAIN STRUCTURES SHALL BE TYPE I MANHOLES WITH STANDARD COVER PER MASS DETAILS 55-4 (TYPE I MANHOLE), AND 55-8 (STORM DRAIN TOP INTAKE COVER).
- SD7. STORMCEPTOR SHALL BE MODEL STC 450i. SEE D&S CONCRETE (349-6031) AND WWW.STORMCEPTOR.COM.



SITE GRADING AND DRAINAGE PLAN
SCALE: 1" = 20'





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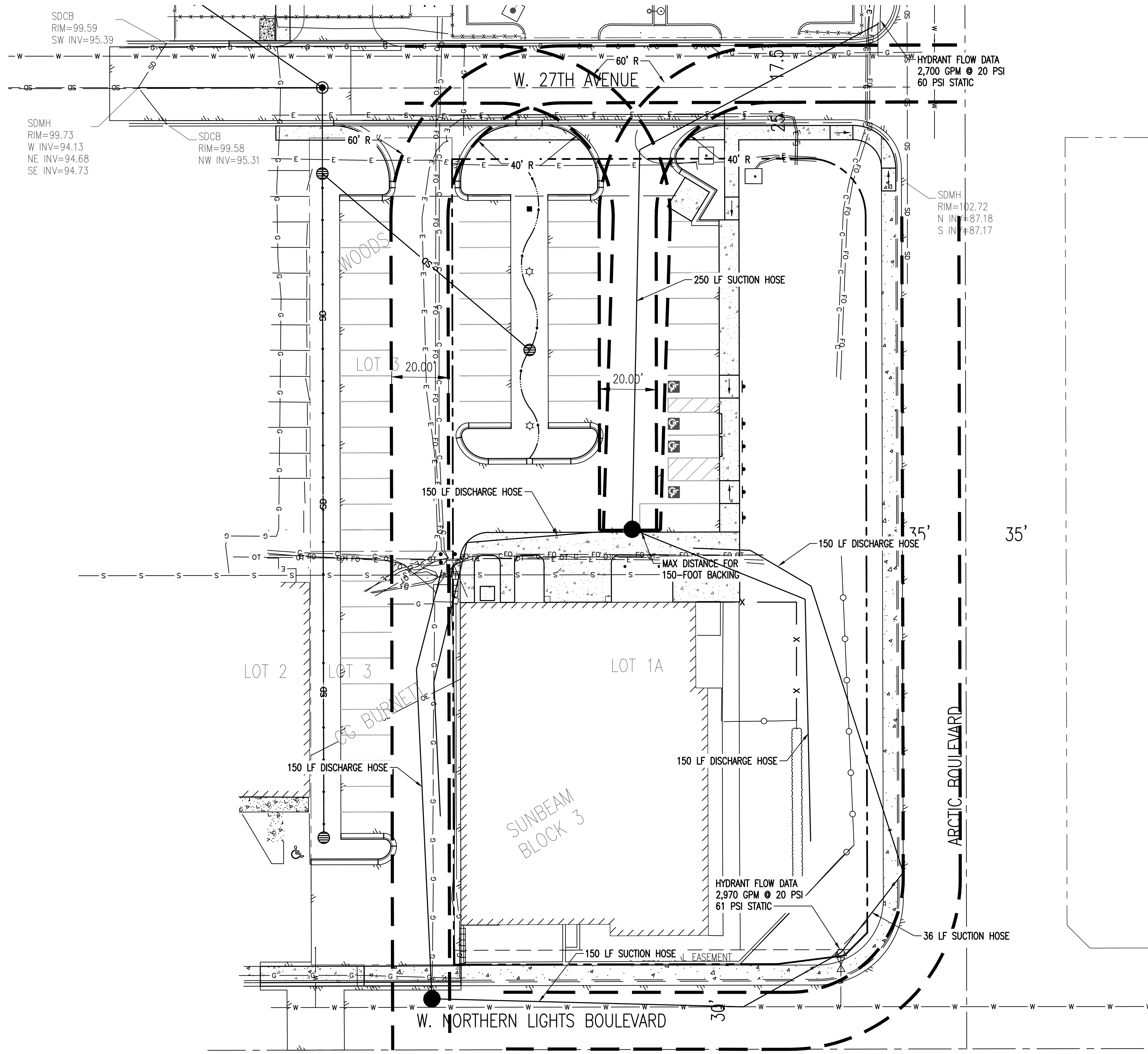
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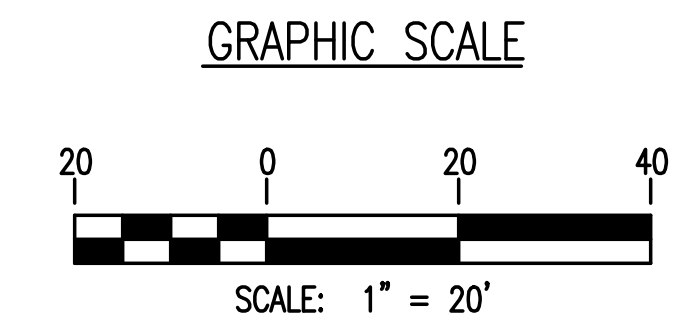
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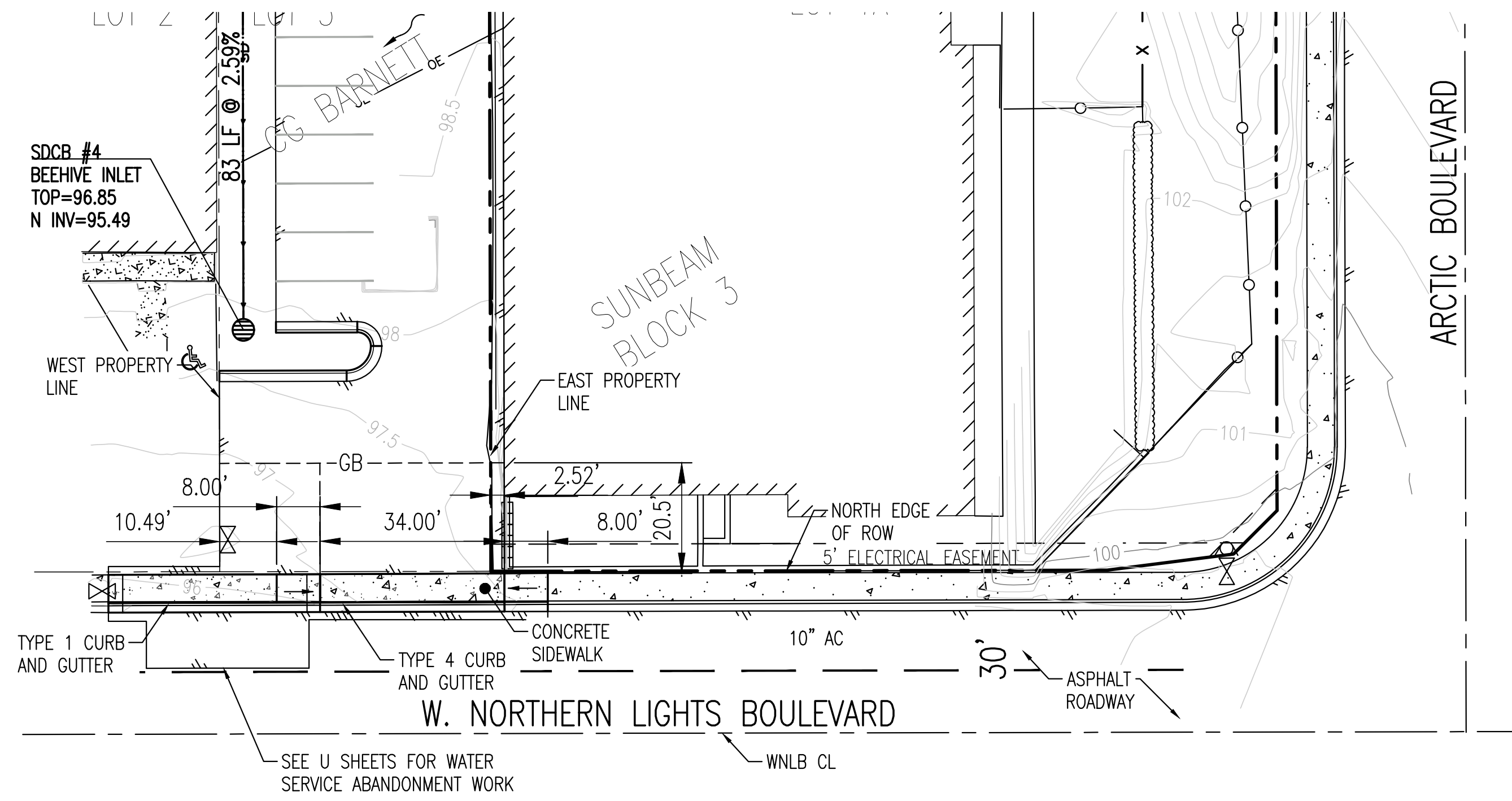
DATE	10.7.2022
PN	TBA
GRID	SW1529
SCALE	AS SHOWN
ENGINEER	MAB
DRAFTER	MAB

SHEET TITLE
FIRE LAYOUT PLAN
SHEET NUMBER
C3.2

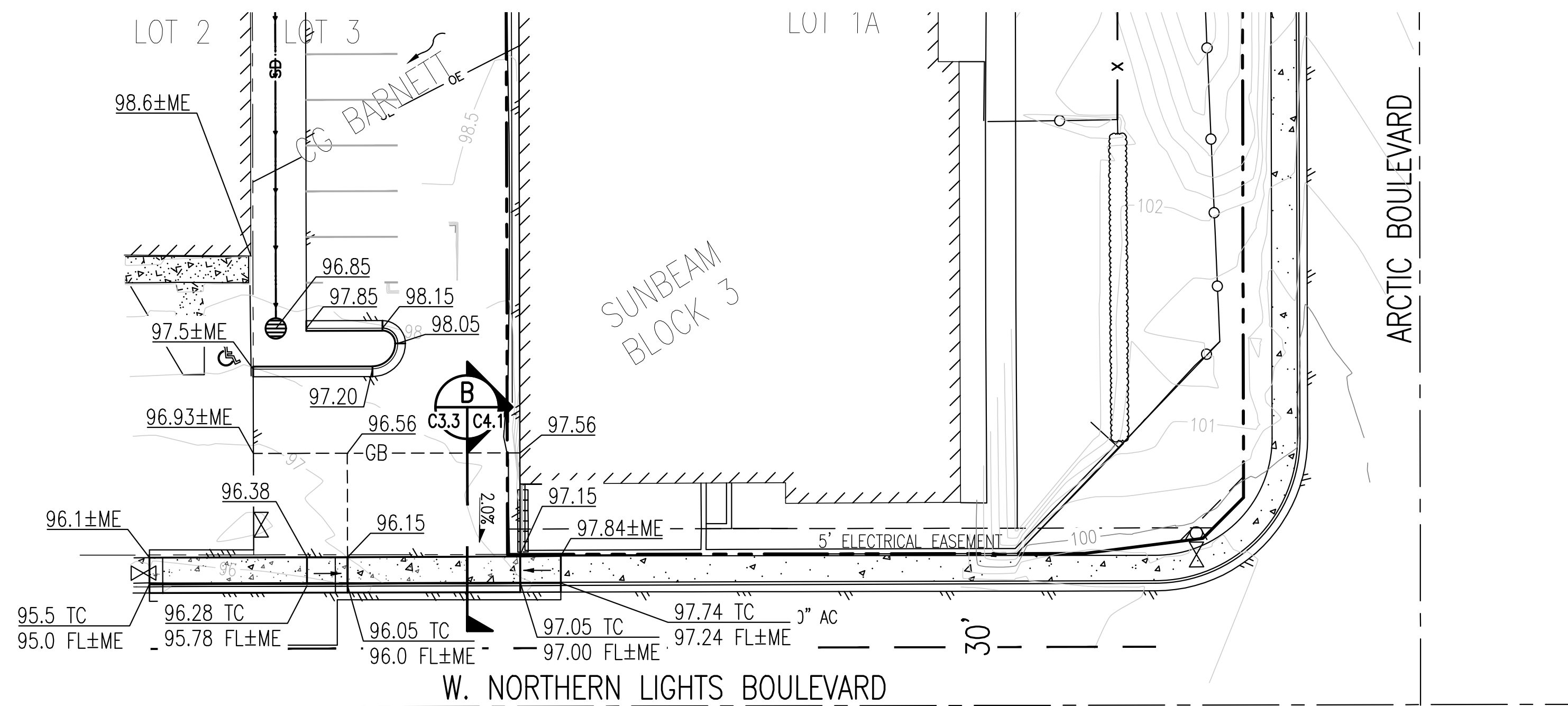


FIRE LAYOUT PLAN
SCALE: 1" = 20'

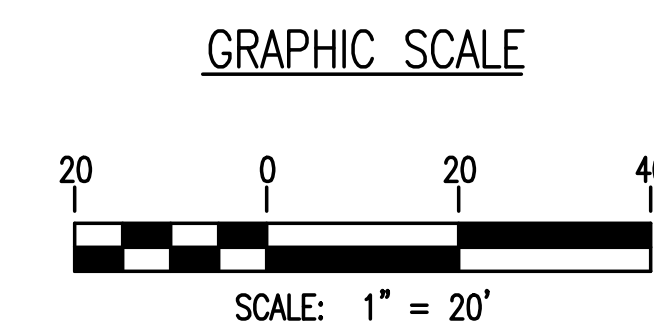




DRIVEWAY LAYOUT PLAN
SCALE: 1" = 20'



DRIVEWAY GRADING AND DRAINAGE PLAN
SCALE: 1" = 20'

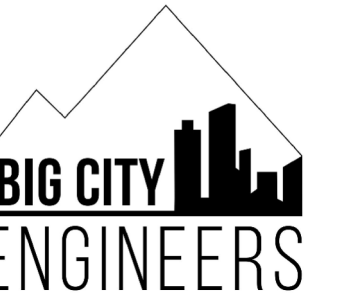


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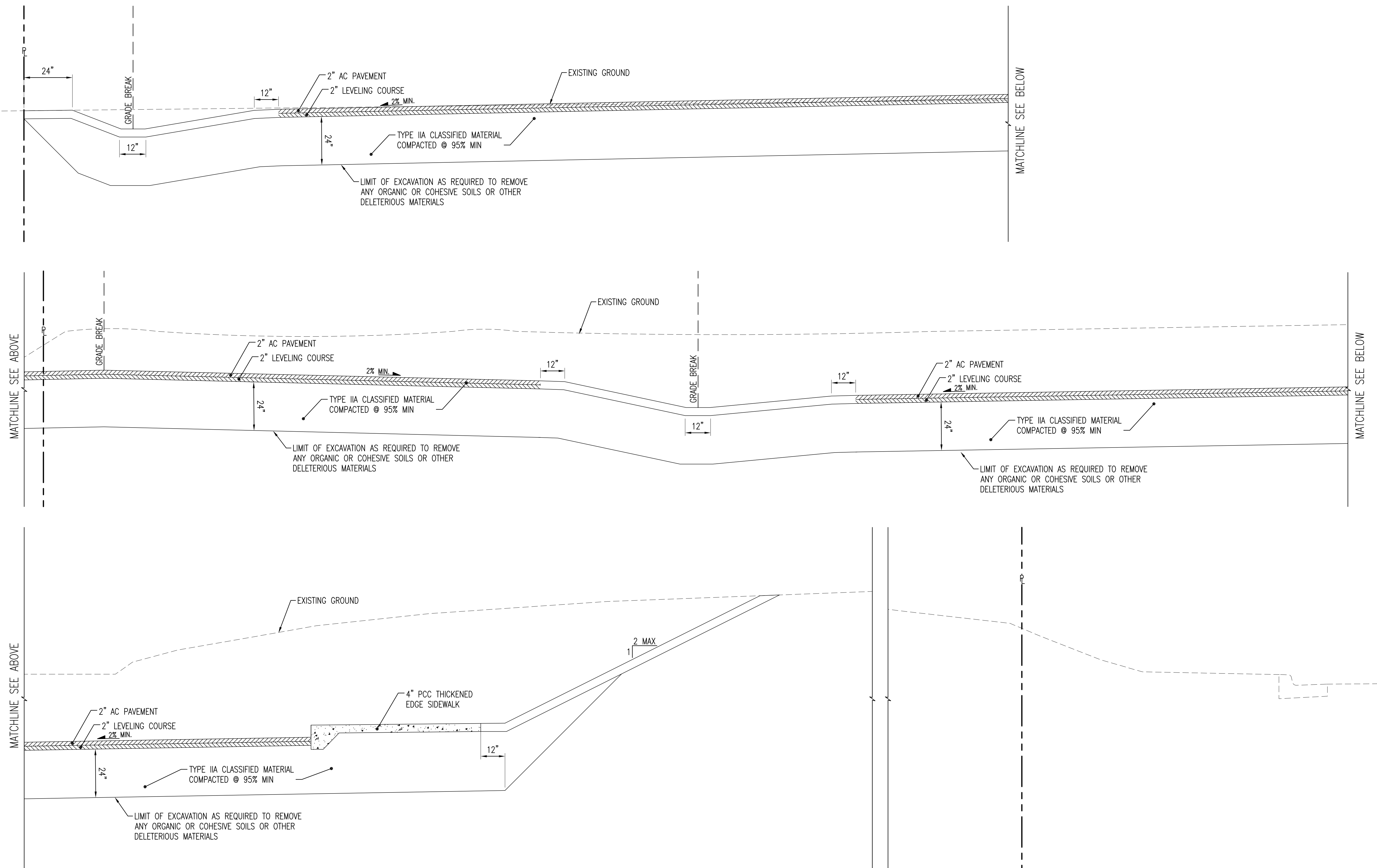
DATE 10.7.2022
PN TBA
GRID SW1529
SCALE AS SHOWN
ENGINEER MAB
DRAFTER MAB
SHEET TITLE
WNLB DRIVEWAY PLAN
SHEET NUMBER
C3.3



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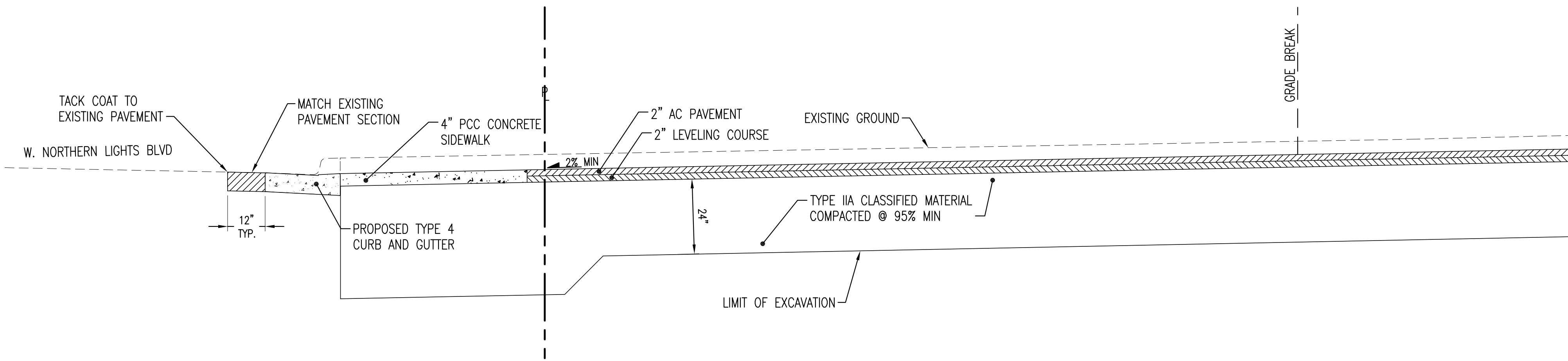


A WEST-EAST SITE SECTION
C3.0 | C4.0 SCALE: NTS

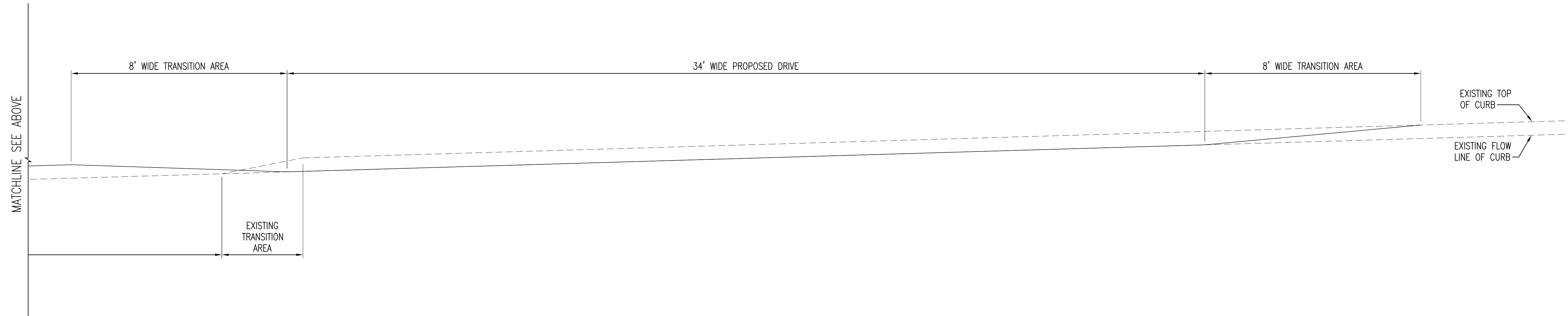
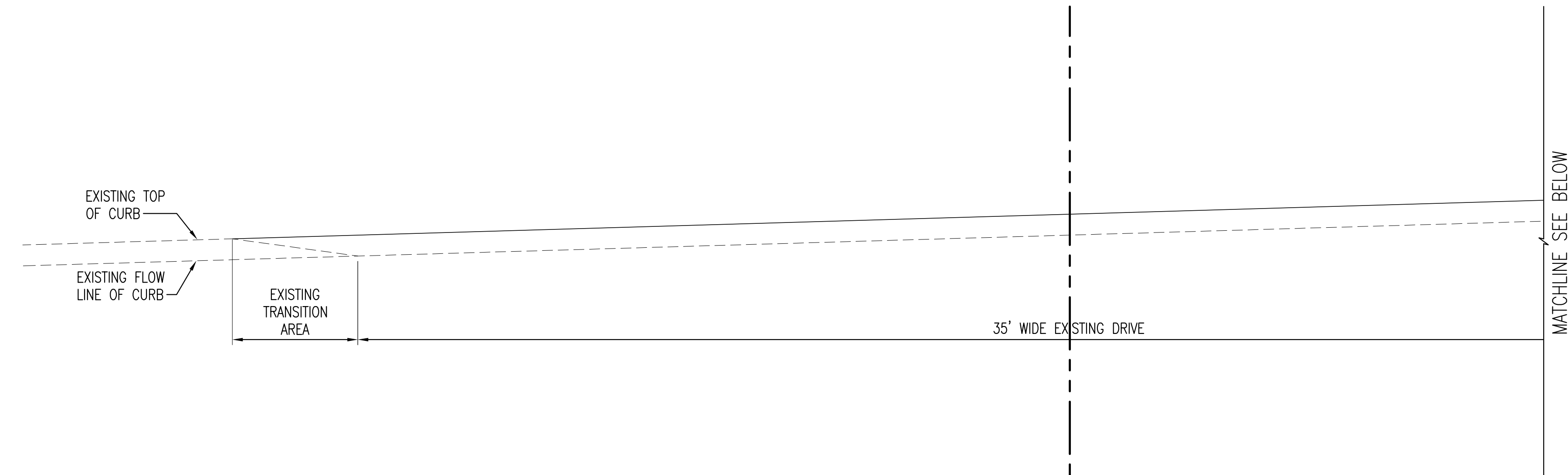
- NOTE 1: UNCLASSIFIED MATERIAL TO BE FREE OF ICE, ORGANICS, AND OTHER DELETERIOUS MATERIAL WITH NO MORE THAN 20% FINES.
- NOTE 2: EXISTING SOILS THAT QUALIFY AS CLASSIFIED MATERIAL MAY BE USED AS BACKFILL. SUBMIT TEST RESULTS VERIFYING GRADATION OF EXISTING SOIL MATERIAL PRIOR TO PLACING AS BACKFILL.
- NOTE 3: GROUND SURFACE SHALL BE PREPARED TO RECEIVE FILL BY REMOVING VEGETATION, NON-COMPLYING FILL, TOPSOIL, AND OTHER UNSUITABLE MATERIALS, SCARIFYING TO PROVIDE A BOND WITH THE NEW FILL.

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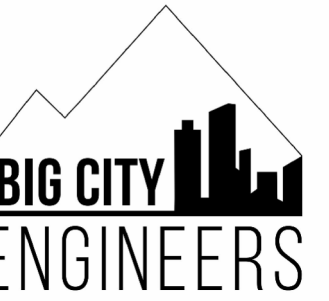
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DRAFTER	MAB
SHEET TITLE	
SITE SECTIONS	
SHEET NUMBER	
C4.0	



B SOUTH-NORTH DRIVEWAY SECTION
 C3.3 | C4.1 SCALE: NTS



C WEST-EAST WNLB DRIVEWAY SECTION
 C4.1 | C4.1 SCALE: NTS
 NOTE 1: DRIVEWAY SECTION IS ALONG CURB LINE OF WNLB.



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DRAFTER	MAB

SHEET TITLE
 DRIVEWAY SECTIONS
 SHEET NUMBER
C4.1



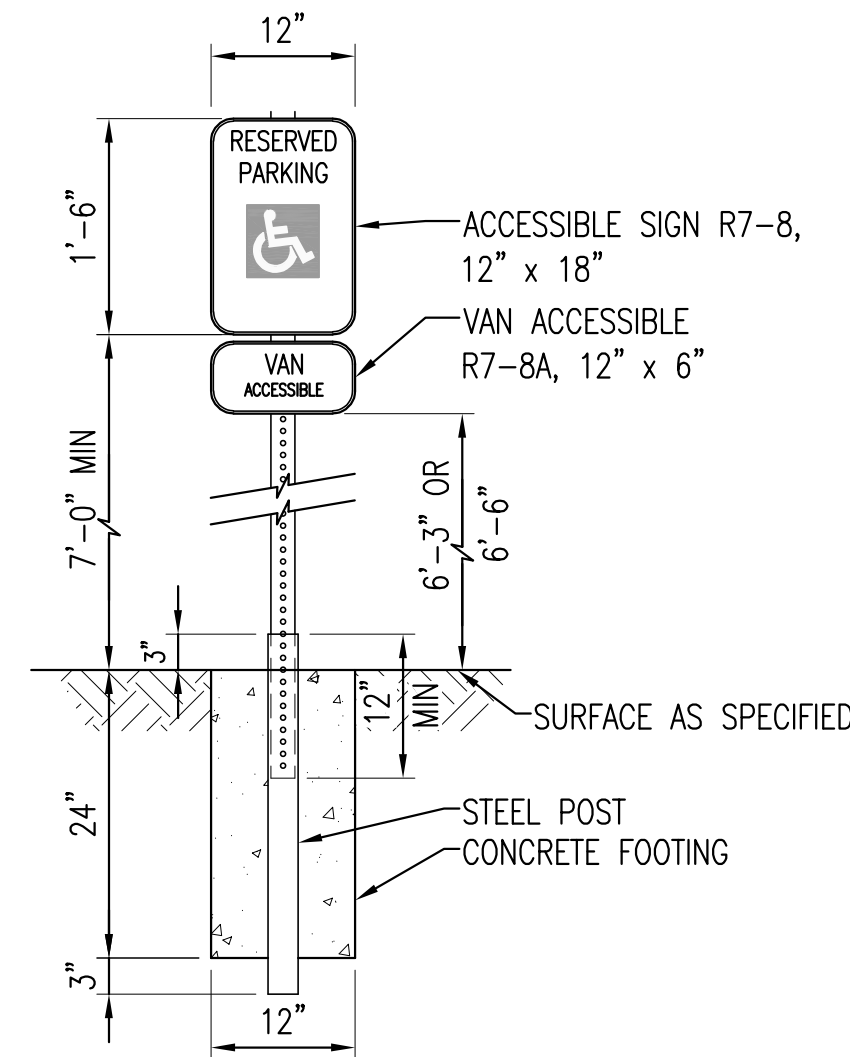
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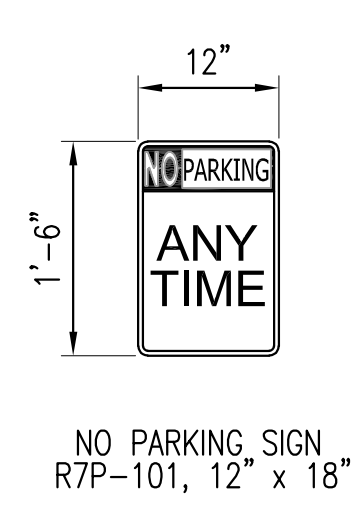
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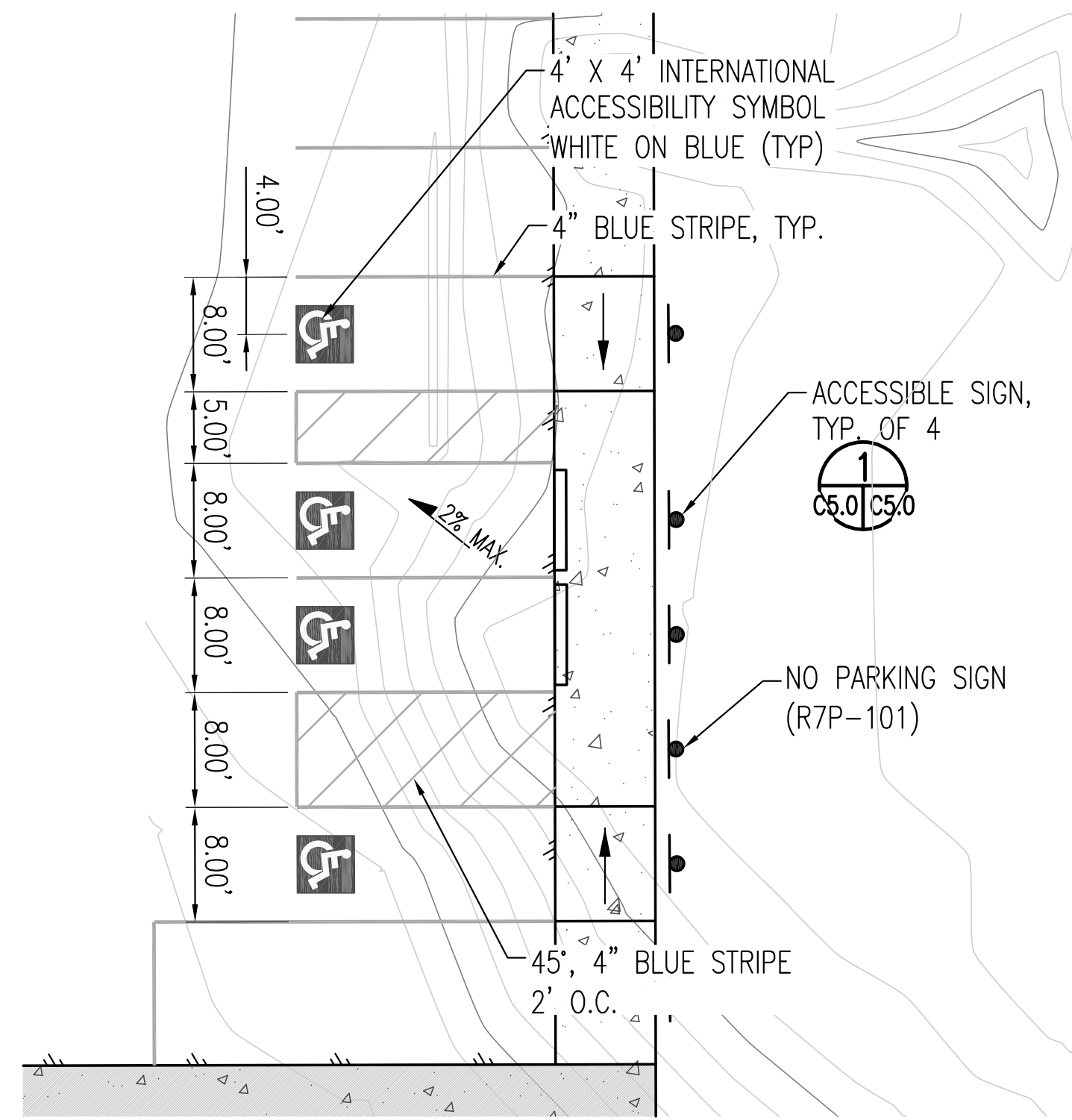
SHEET TITLE
SITE DETAILS
SHEET NUMBER
C5.0



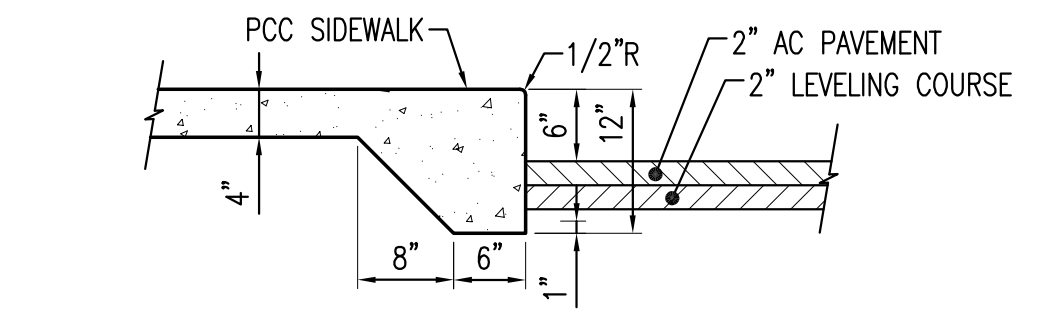
1 ACCESSIBLE SIGN
SCALE: NTS



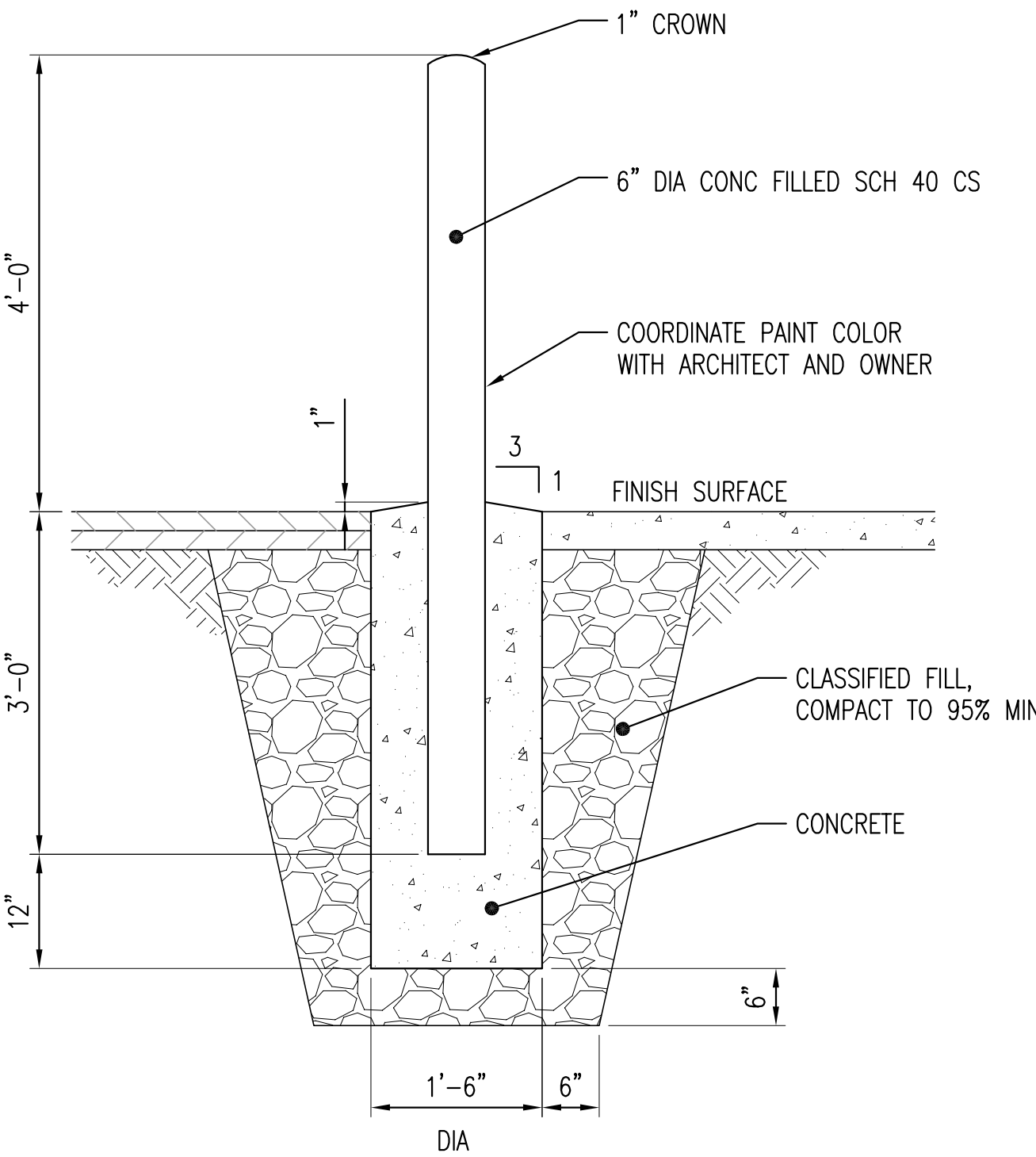
2 ACCESSIBLE PARKING
SCALE: NTS



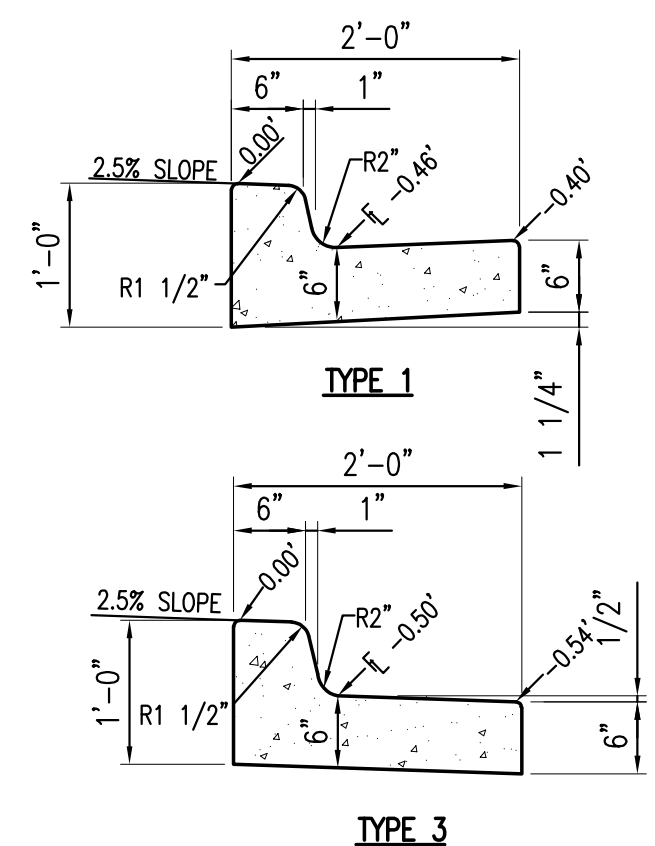
3 THICKENED EDGE SIDEWALK
SCALE: NTS



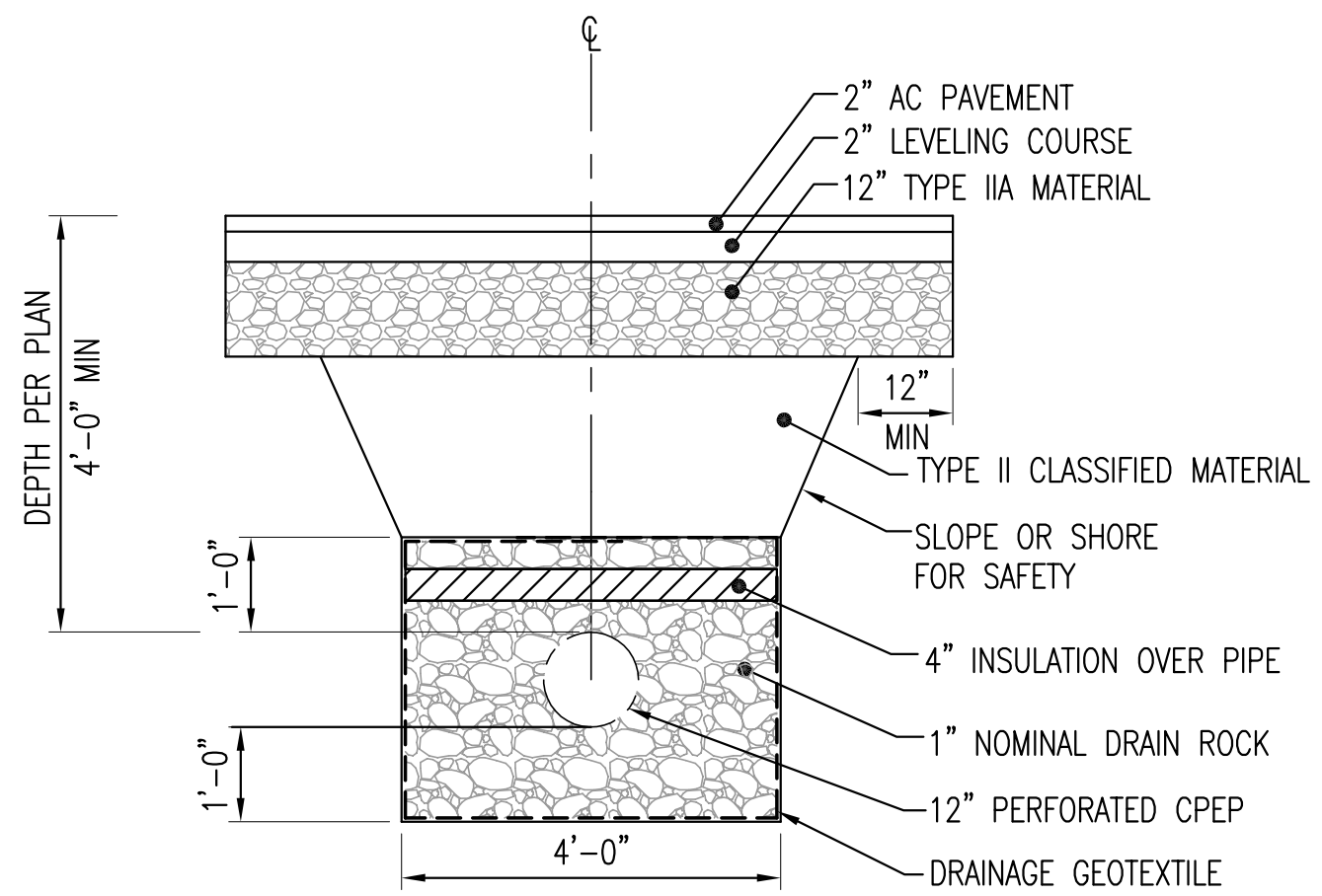
4 SNOW MELT SIDEWALK
SCALE: NTS



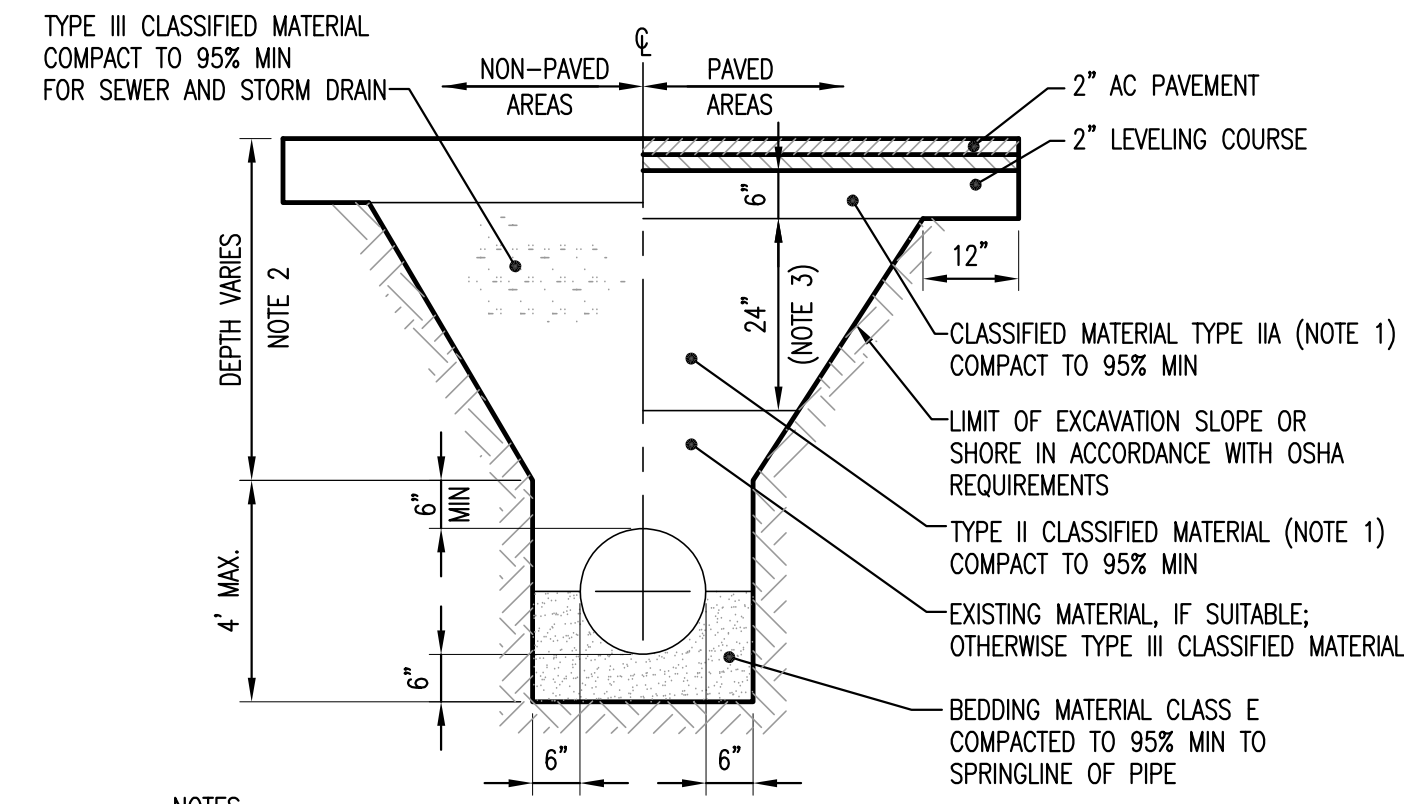
5 BOLLARD
SCALE: NTS



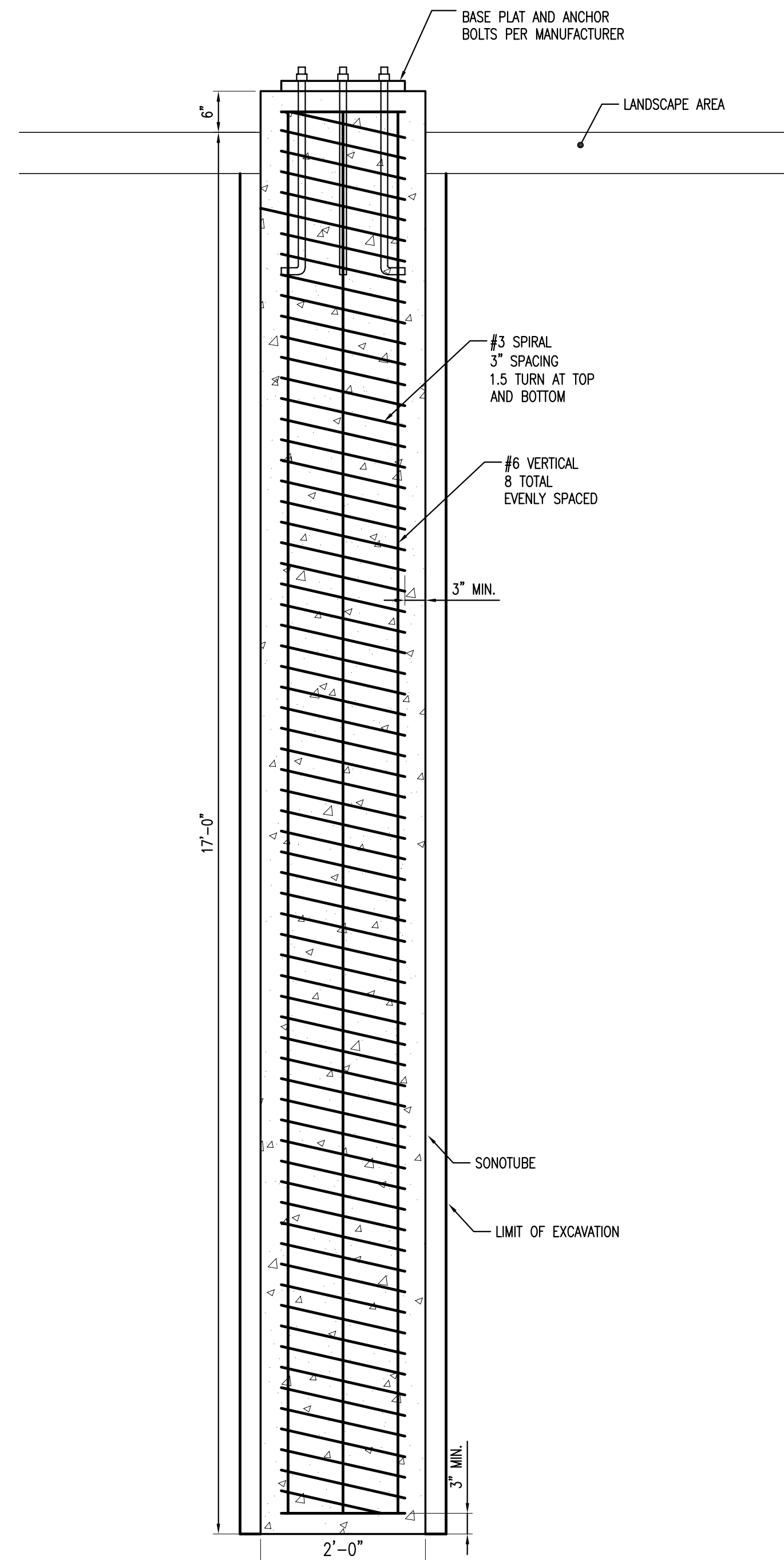
6 CURB AND GUTTER
SCALE: NTS



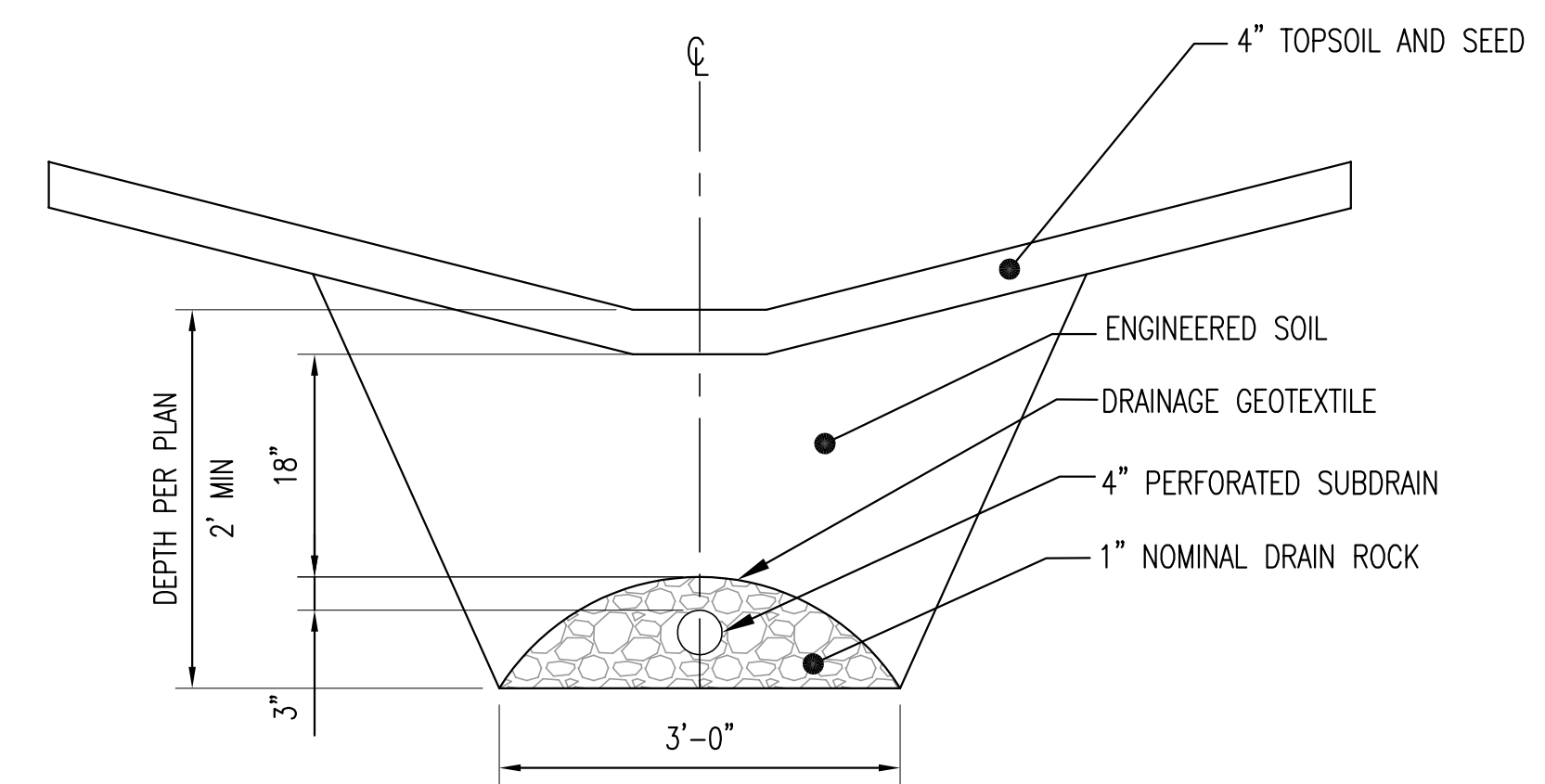
7 STORM DRAIN INFILTRATION TRENCH SECTION
SCALE: NTS



8 TYPICAL TRENCH SECTION
SCALE: NTS



9 FLAG POLE FOUNDATION
 03.0 | C5.1 SCALE: NTS



10 SUBDRAIN SECTION
 03.1 | C5.1 SCALE: NTS



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DRAFTER	MAB

SHEET TITLE
SITE DETAILS

SHEET NUMBER
C5.1



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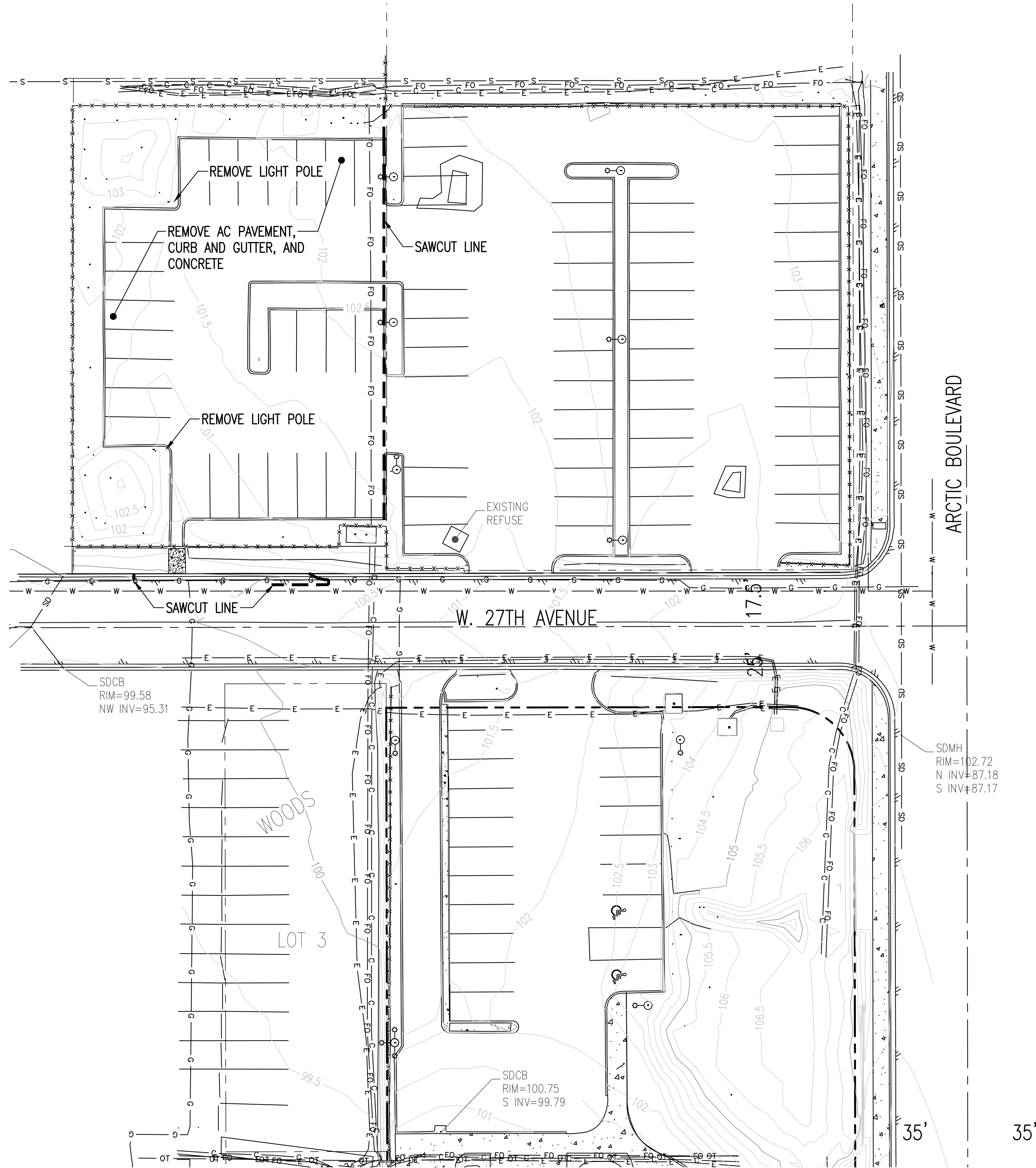
LOT 1A, BLOCK 3, SUNBEAM; LOT 3, WOODS; AND LOT 3, CG BURNETT SUBD.

REVISION	DATE	DESCRIPTION	BY

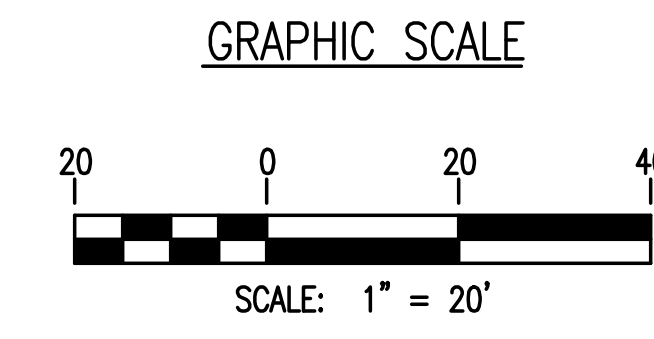
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PN	TBA
GRID	SW1529
SCALE	AS SHOWN
ENGINEER	MAB
DRAFTER	MAB

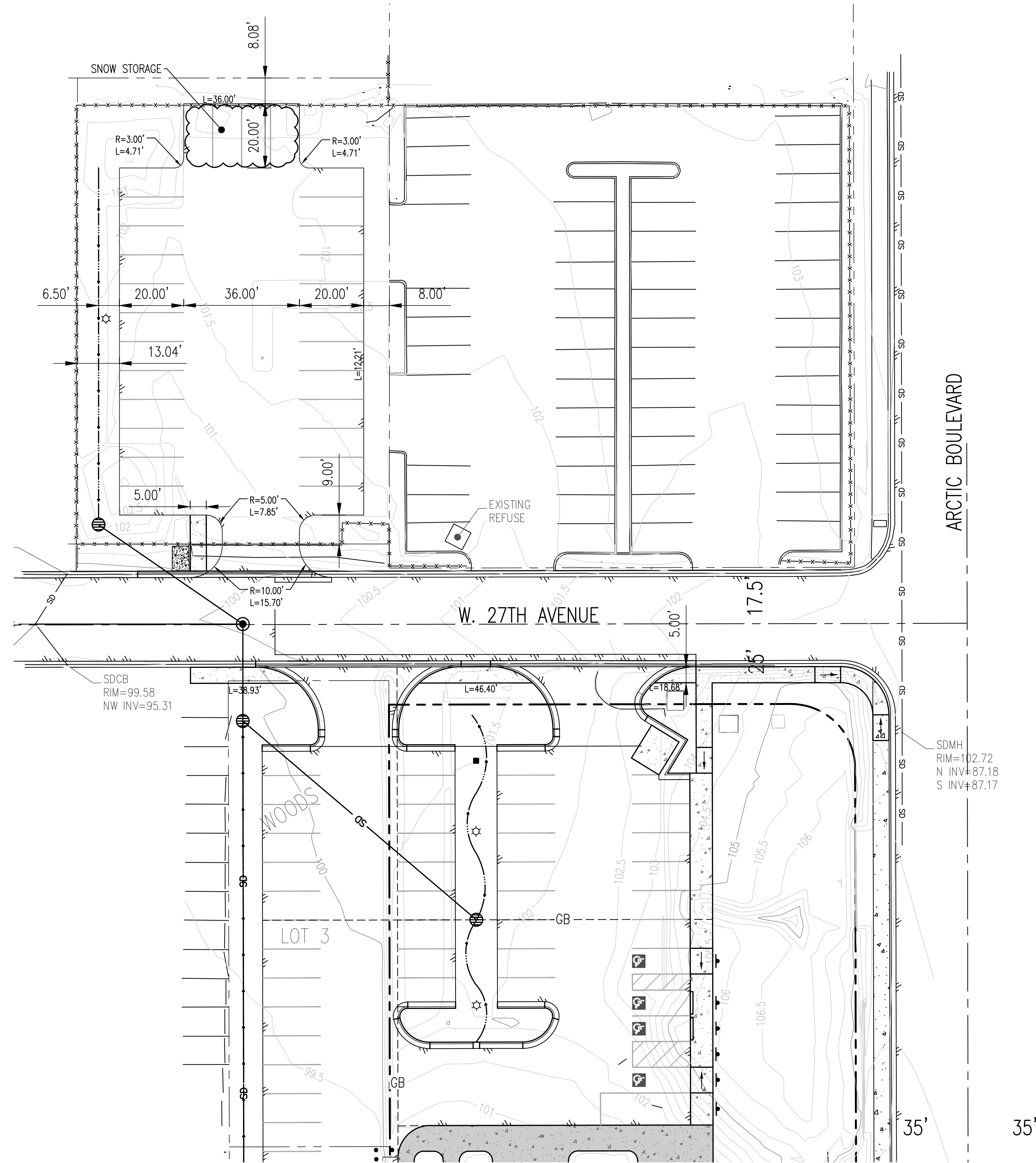
SHEET TITLE
EXISTING CONDITIONS AND
DEMOLITION PLAN
ADD/ALT 1

SHEET NUMBER
CA2.0



EXISTING CONDITIONS AND DEMOLITION PLAN
SCALE: 1" = 20'



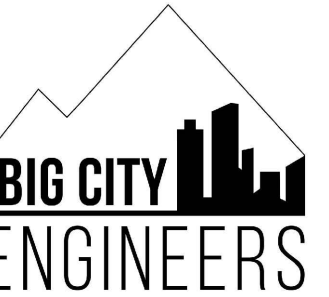


SNOW STORAGE CALCULATIONS

5% PAVED AREAS
PAVED AREAS: 9,378.85 SF

REQUIRED SNOW STORAGE: 469 SF

PROVIDED SNOW STORAGE: 620 SF



P.O. BOX 92946
ANCHORAGE, ALASKA 99509
907/360-0985
LICENSE # 102525

AIDEA PARKING IMPROVEMENTS
813 W. NORTHERN LIGHTS BLVD.

LOT 1A, BLOCK 3, SUNBEAM; LOT 3, WOODS; AND LOT 3, CG BURNETT SUBD.

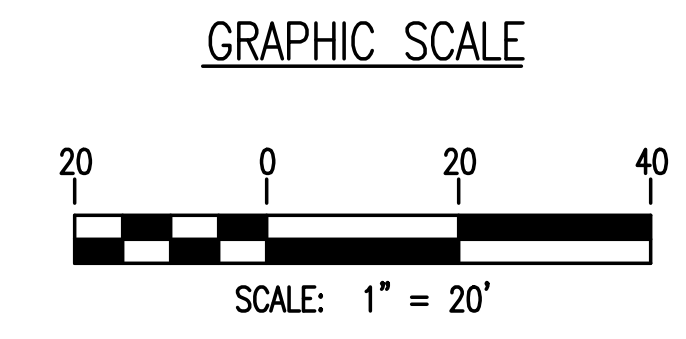
REVISION	DATE	DESCRIPTION	BY

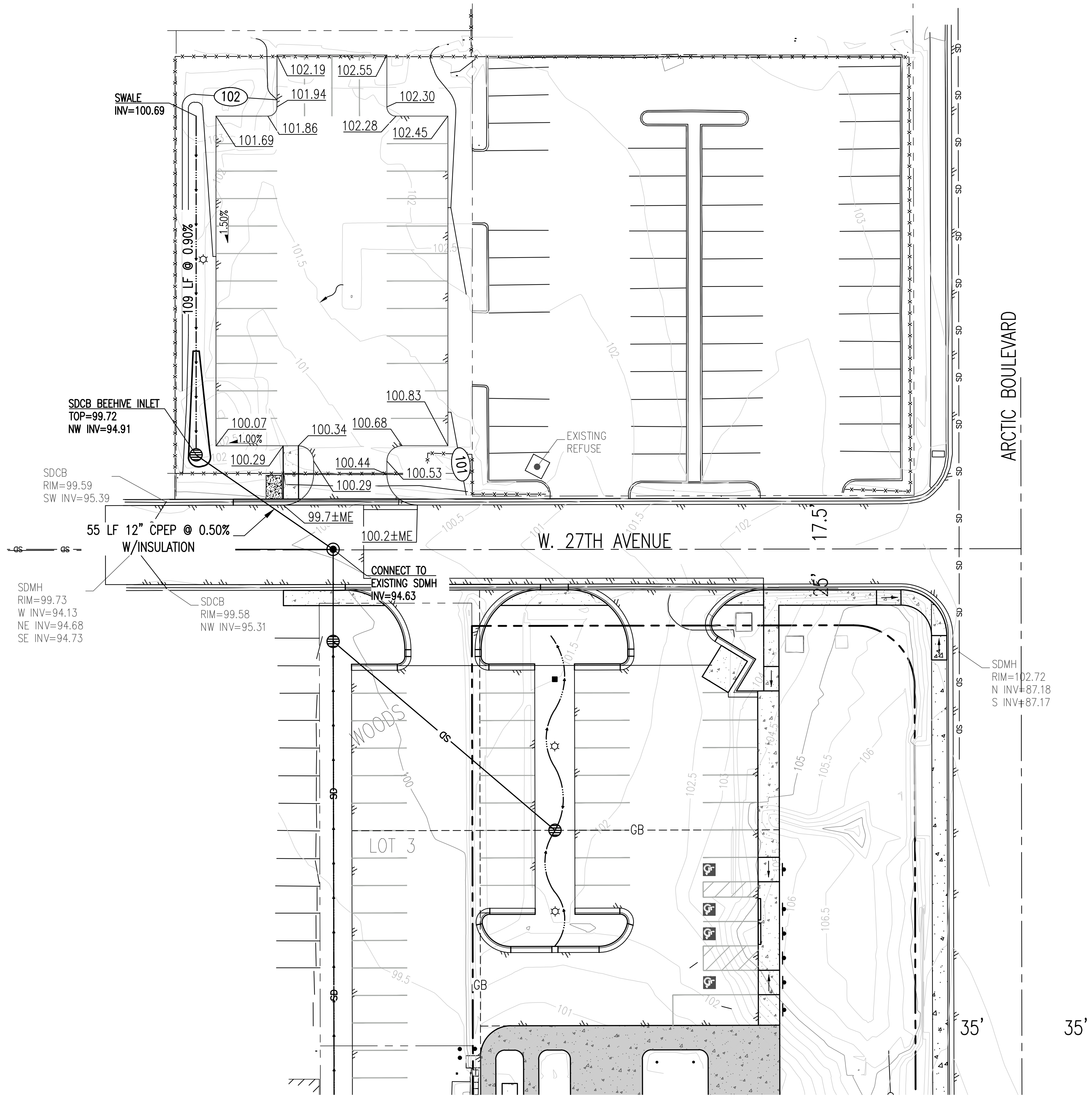
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PN	TBA
GRID	SW1529
SCALE	AS SHOWN
ENGINEER	MAB
DRAFTER	MAB

SHEET TITLE
SITE LAYOUT PLAN
ADD/ALT 1

SHEET NUMBER
CA3.0

SITE LAYOUT PLAN
SCALE: 1" = 20'





STORM DRAIN NOTES

- SD1. STORM DRAIN PIPE SHALL BE CORRUGATED POLYETHYLENE PIPE (CPEP), DUAL WALLED (TYPE S) UNLESS NOTED OTHERWISE.
- SD2. STORM DRAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PIPE MANUFACTURER'S RECOMMENDATIONS AND ASTM D2321-84, WITH PROPER PLACEMENT AND COMPACTION OF BEDDING, HAUNCHING, AND BACKFILL.
- SD3. PROVIDE A MINIMUM OF 4 FEET OF COVER MEASURED FROM GROUND SURFACE TO TOP OF PIPE. INSTALL 2-INCH THICK X 4-FOOT WIDE RIGID INSULATION CENTERED OVER THE PIPE.
- SD4. ALL INSULATION SHALL BE INSULFOAM (60 PSI) R-TECH VII OR APPROVED EQUAL, MEETING MASS REQUIREMENTS FOR UNDERGROUND INSTALLATIONS.
- SD5. INSTALL LOCATOR TAPE THREE FEET BELOW FINISH GRADE OR TWO FEET DEEP IN STREET STRUCTURAL SECTION PER MASS 20.13.3.E.
- SD6. STORM DRAIN STRUCTURES SHALL BE TYPE I MANHOLES WITH STANDARD COVER PER MASS DETAILS 55-4 (TYPE I MANHOLE), AND 55-8 (STORM DRAIN TOP INTAKE COVER).
- SD7. STORMCEPTOR SHALL BE MODEL STC 450i. SEE D&S CONCRETE (349-6031) AND WWW.STORMCEPTOR.COM.



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 ANCHORAGE, ALASKA 99509
 907/360-0985
 LICENSE # 102525

AIDEA PARKING IMPROVEMENTS
 813 W. NORTHERN LIGHTS BLVD.
 LOT 1A, BLOCK 3, SUNBEAM; LOT 3, WOODS; AND LOT 3, CG BURNETT SUBD.

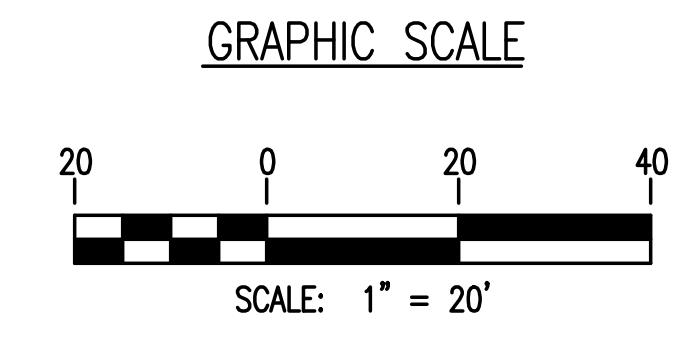
REVISION	DATE	DESCRIPTION	BY

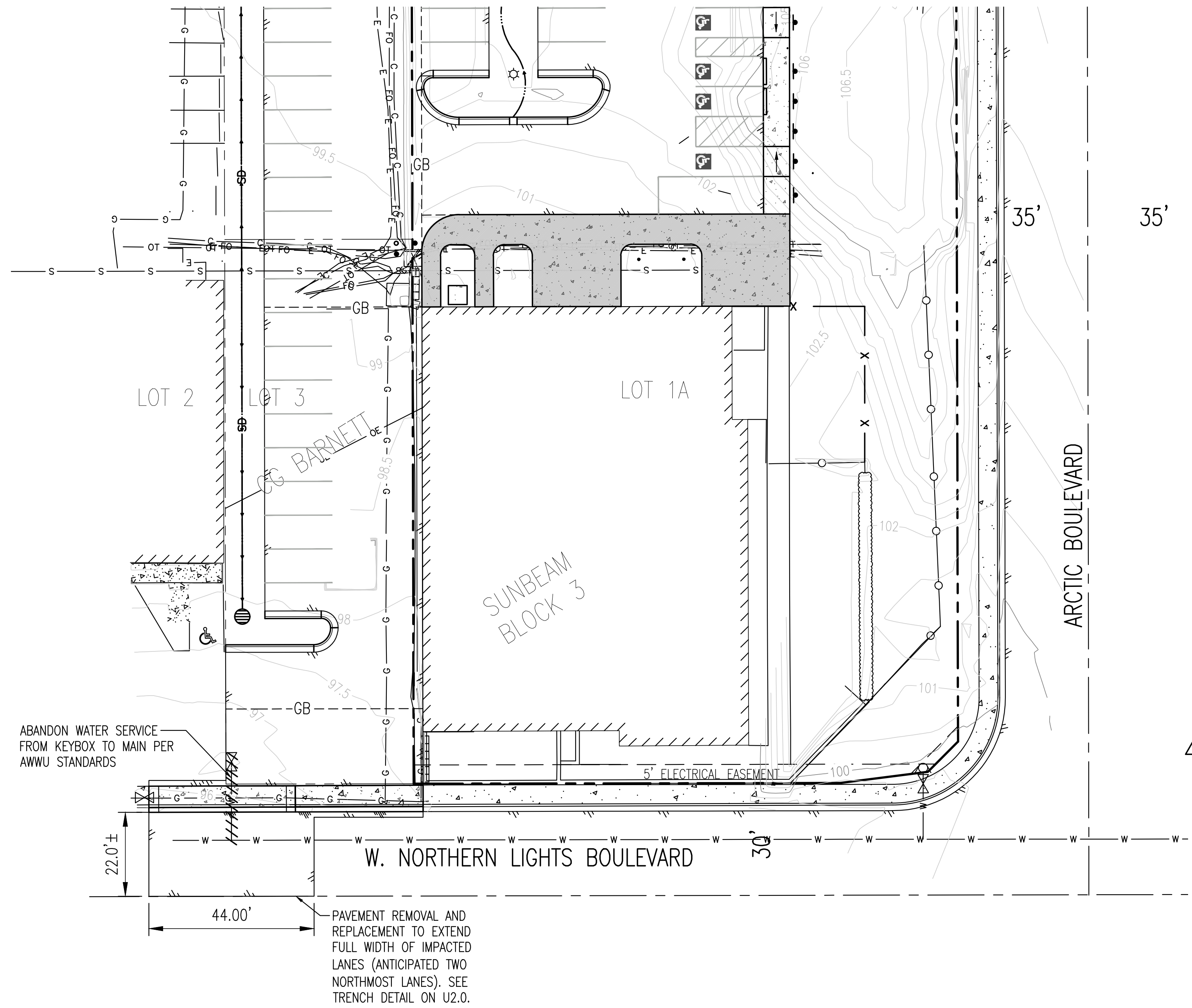
DATE	10.7.2022
PN	TBA
GRID	SW1529
SCALE	AS SHOWN
ENGINEER	MAB
DRAFTER	MAB

SHEET TITLE
 SITE GRADING AND DRAINAGE PLAN
 ADD/ALT 1

SHEET NUMBER
CA3.1

SITE GRADING AND DRAINAGE PLAN
 SCALE: 1" = 20'





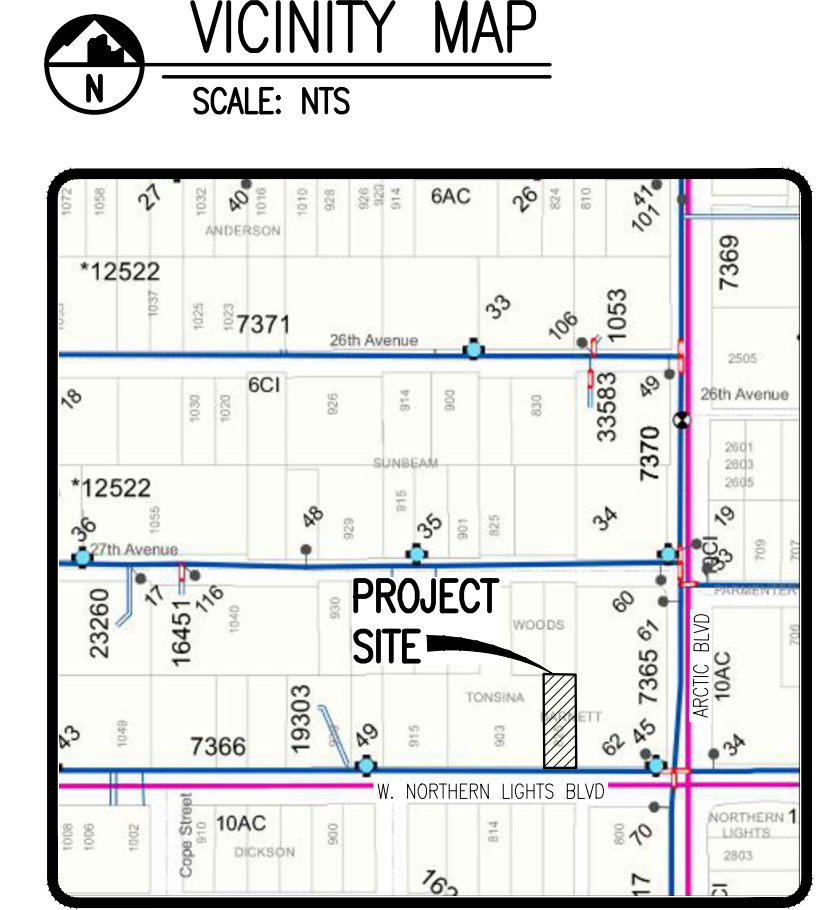
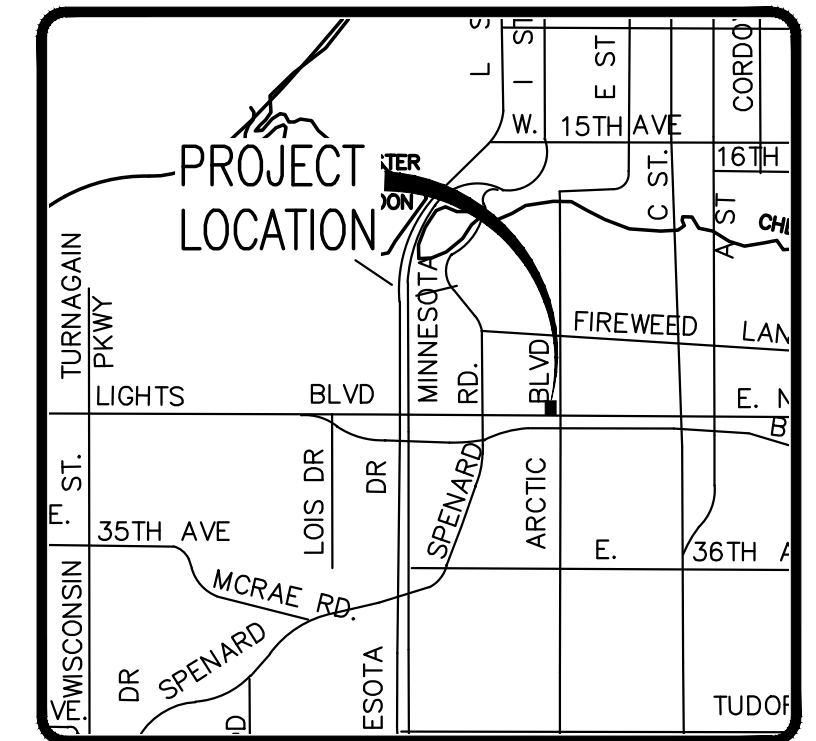
WATER SERVICE PLAN
SCALE: 1" = 20'

GENERAL UTILITY NOTES

1. ALL CONSTRUCTION SHALL BE PER THE MOST CURRENT EDITION OF THE MUNICIPALITY OF ANCHORAGE STANDARD SPECIFICATIONS FOR STREETS-DRAINAGE-UTILITIES-PARKS (MASS), AWWU DESIGN AND CONSTRUCTION PRACTICES MANUAL, AND SPECIAL PROVISIONS.
2. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE ONLY. VERIFY LOCATIONS BY OBTAINING UTILITY LOCATES PRIOR TO BEGINNING CONSTRUCTION. RECORD ANY CHANGES ON THE CONTRACTOR RECORD DRAWINGS.
3. RESTORE ALL DISTURBED PROPERTY DISTURBED BY CONTRACT ACTIVITIES TO PRECONSTRUCTION CONDITION.
4. PROVIDE REDLINE DRAWINGS OF ACCEPTABLE QUALITY AND CLARITY FOR TRANSFER OF AS-BUILT CONDITIONS OF MAINLINE AND SERVICES TO THE RECORD DRAWING. REDLINE AND IDENTIFY AT A MINIMUM, THE LOCATION OF UTILITIES ENCOUNTERED AND CONSTRUCTED, INVERT AND BOP ELEVATIONS, SLOPED OF PIPE FOR ALL WATER AND SEWER LINE IMPROVEMENTS.
5. INSTALL AND MAINTAIN EROSION AND SEDIMENT CONTROLS AS NECESSARY TO COMPLY WITH FEDERAL, STATE, AND MUNICIPAL LAWS THAT PROHIBIT UNPERMITTED DISCHARGE OF POLLUTANTS, INCLUDING SEDIMENTS, THAT ARE A RESULT OF EROSION AND OTHER CONSTRUCTION ACTIVITIES. CONDUCT ALL WORK SO SEDIMENT IS NOT TRANSPORTED ONTO THE ROADWAY OR ADJACENT PROPERTY. AT A MINIMUM, SWEEP UP ANY SEDIMENT TRACKED ONTO PAVED SURFACES IN PUBLIC RIGHT-OF-WAY WITHIN 24 HOURS OF THE TRACKING TO MINIMIZE THE WASH-OFF OF SEDIMENT INTO THE STORM DRAINS OR WATERWAYS.
6. WATER RESULTING FROM DEWATERING EFFORTS MAY NOT BE PUMPED OR OTHERWISE DIVERTED INTO EXISTING STORM DRAINS UNLESS PERMITS ARE OBTAINED, INCLUDING BUT NOT LIMITED TO THOSE REQUIRED BY THE MUNICIPALITY OF ANCHORAGE. WATER FROM EXCAVATIONS MAY NOT BE DIVERTED TO ROADWAYS. AS NECESSARY, PROVIDE AN EXCESS WATER DISPOSAL SITE WITH PERMITS AND APPROVALS. COPIES OF PERMITS AND APPROVALS SHALL BE PROVIDED TO MOA RIGHT OF WAY PERMIT OFFICE.
7. REVIEW THE RECORD DRAWING FOR CORRECTNESS AND SIGN THE APPROPRIATE FIELD IN THE RECORD DRAWING STAMP INDICATING THAT THE CONTRACTOR HAS REVIEWED AND AGREES WITH INFORMATION PRESENTED ON THE RECORD DRAWING.

GENERAL NOTES

1. REMOVE AND REPLACE 108 SY± OF DOT&PF TYPE VH ASPHALT, 73 LF CURB AND GUTTER, AND 41 SY± CONCRETE SIDEWALK PER DOT&PF STANDARDS.
2. REPLACE ROADWAY STRIPING IN KIND AS NECESSARY.
3. INSTALL TACK COAT BETWEEN ASPHALT LIFTS IN WEST NORTHERN LIGHTS BOULEVARD. TACK COAT SHALL BE APPLIED TO THE ENTIRE SURFACE OF THE ASPHALT LIFT.
4. COMPLY WITH OSHA SAFETY STANDARDS BASED ON SOIL CHARACTERISTICS AND MASS SECTION 10.06 ARTICLE 6.8 SAFETY.



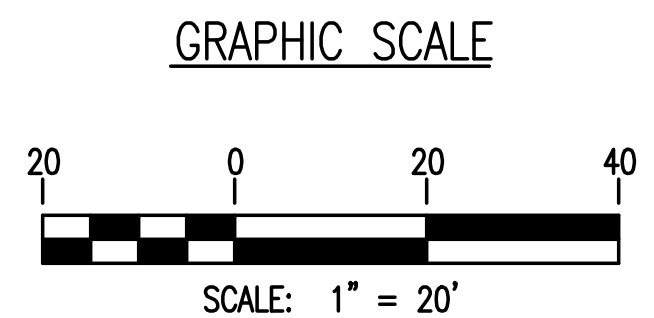
RECORD DRAWING

1. DATA PROVIDED BY:
This will serve to certify that these Record Drawings are a true and accurate representation of the project as constructed.
CONTRACTOR: _____ TITLE: _____ DATE: _____

2. DATA TRANSFERRED BY:
COMPANY: _____ DATE: _____

3. DATA TRANSFER CHECKED
Based on data provided by the contractor, the redlines have been checked for errors and prepared by the Engineer (or an Individual under his/her direct supervision).
BY: _____ TITLE: _____ DATE: _____

AWWU PRIVATE SYSTEM NUMBER
PS22-XXX



AWWU PLAN SET NO. XXXX



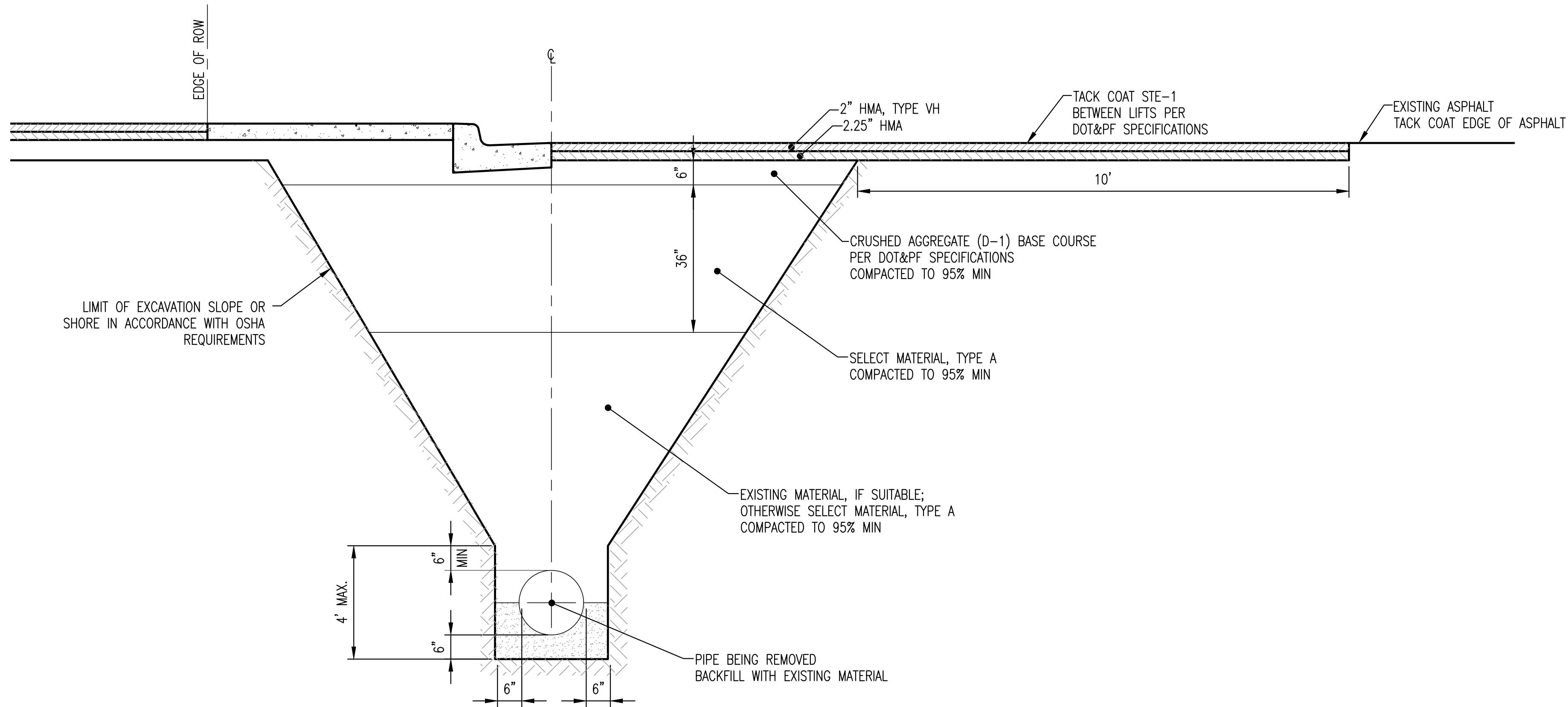
AIDEA PARKING IMPROVEMENTS
813 W. NORTHERN LIGHTS BLVD.
LOT 3, CG BARNETT SUBDIVISION

NO.	DATE	DESCRIPTION	BY

DATE	10.7.2022
PN	TBA
GRID	SW1529
SCALE	AS SHOWN
ENGINEER	MAB
DRAFTER	MAB

SHEET TITLE
WATER SERVICE PLAN

SHEET NUMBER
U1.0



△ 1 TYPICAL TRENCH SECTION
 U1.0 U2.0 SCALE: NTS

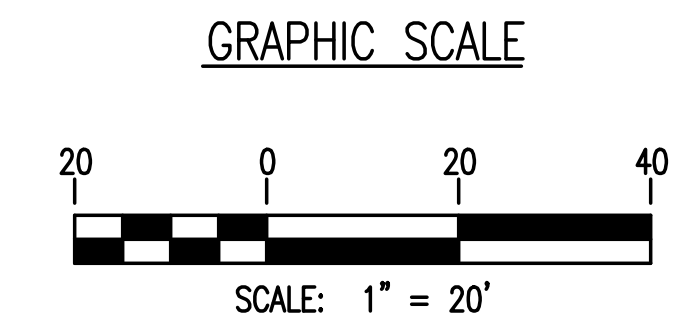
RECORD DRAWING

1. DATA PROVIDED
 BY: _____
 This will serve to certify that these Record Drawings are a true and accurate representation of the project as constructed.
 CONTRACTOR: _____ TITLE: _____
 BY: _____ DATE: _____

2. DATA TRANSFERRED
 BY: _____ TITLE: _____
 COMPANY: _____ DATE: _____

3. DATA TRANSFER CHECKED
 Based on data provided by the contractor, the redlines have been checked for errors and prepared by the Engineer (or an Individual under his/her direct supervision).
 BY: _____ TITLE: _____
 COMPANY: _____ DATE: _____

AWWU PRIVATE SYSTEM NUMBER
 PS22-XXX



AWWU PLAN SET NO. XXXX



BIG CITY ENGINEERS
 P.O. BOX 92946
 ANCHORAGE, ALASKA 99509
 907/360-0985
 LICENSE # 102525

AIDEA PARKING IMPROVEMENTS
 813 W. NORTHERN LIGHTS BLVD.
 LOT 3, CG BARNETT SUBDIVISION

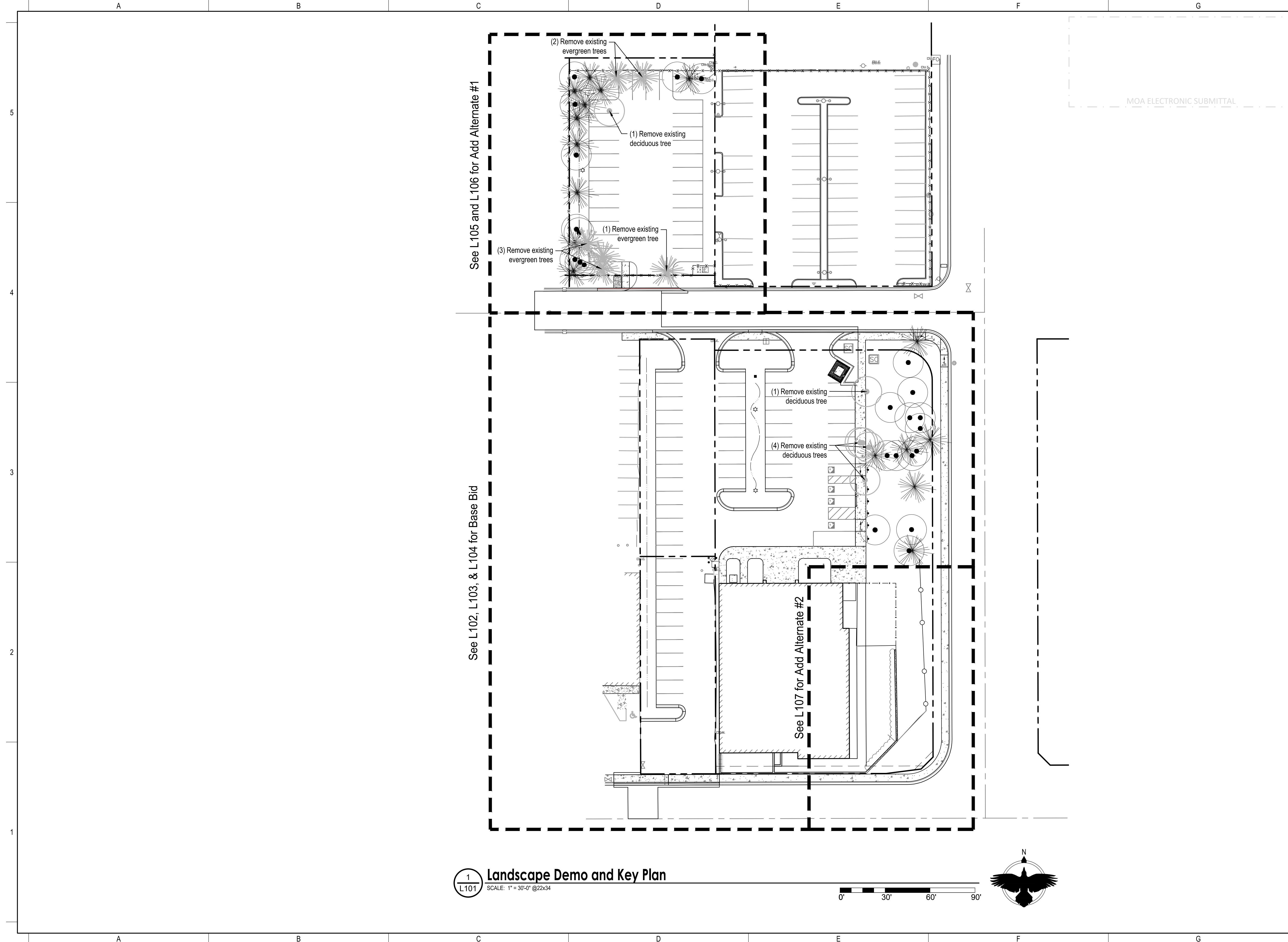
REVISION	DATE	DESCRIPTION	BY
△	4/24/2023	ROADWAY REPLACEMENT SECTION ADDED	MAB

DATE	10.7.2022
PN	TBA
GRID	SW1529
SCALE	AS SHOWN
ENGINEER	MAB
DRAFTER	MAB

SHEET TITLE
 WATER DETAILS

SHEET NUMBER
U2.0

Drawing J:\BIG-22-02 AIDEA Parking2 - CAD\Corvus-Sheets.dwg last saved on 10/10/2022 3:13 PM was plotted by Bradley Little on 10/10/2022 3:43 PM



1
L101 Landscape Demo and Key Plan
 SCALE: 1" = 30'-0" @ 22x34

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Corvus Design
 Landscape Architecture
 www.corvus-design.com
 Anchorage - 907.222.2859
 2506-B Fairbanks St. 99503
 Juneau - 907.988.9000
 119 Seward St. 99801
 AECC #1195

SEAL:

Corporate License #1195

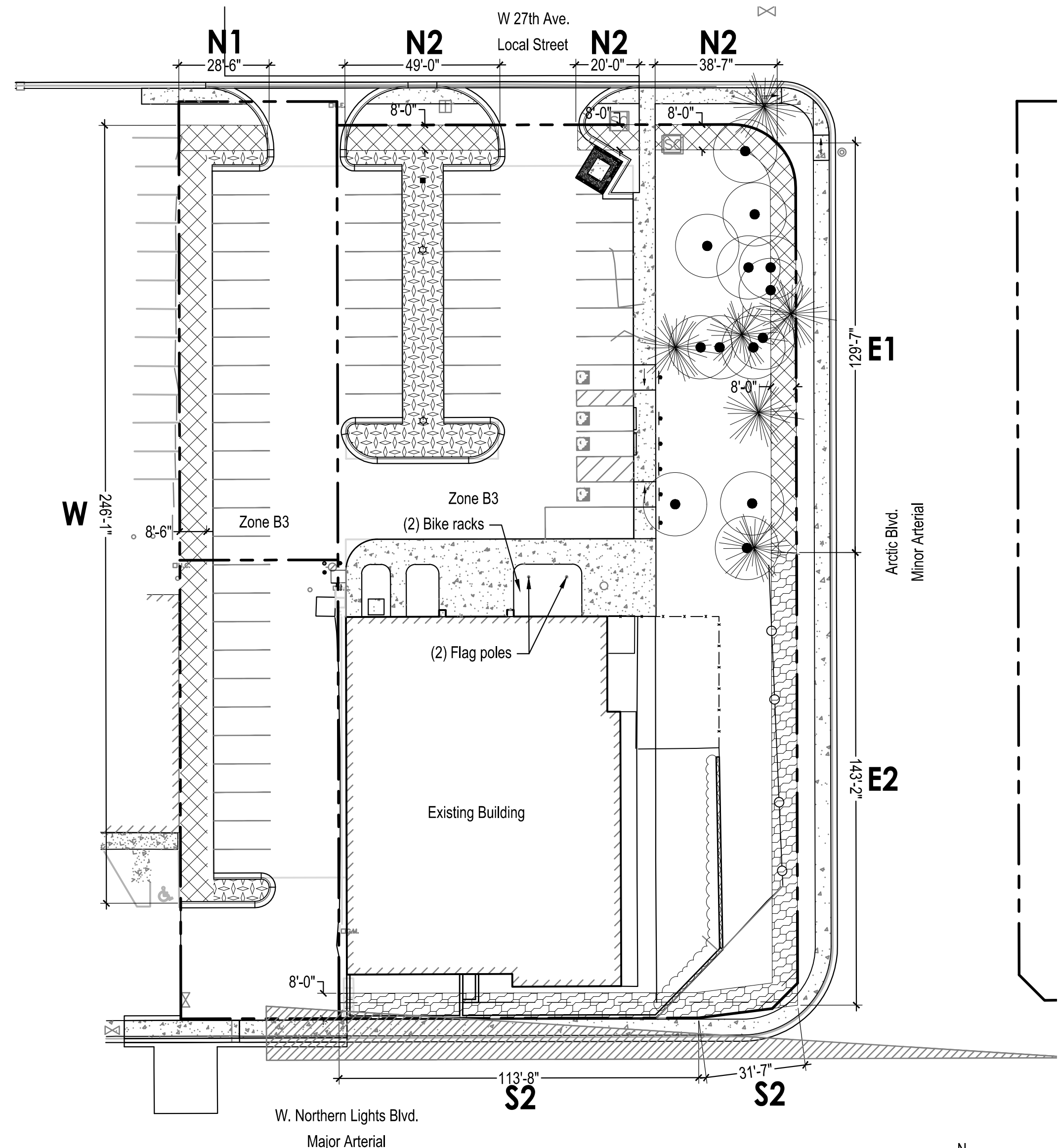
AIDEA
SITE IMPROVEMENTS
 DRAFT PERMIT DRAWINGS
 ANCHORAGE, AK

1" ACTUAL
 If the above dimension does not measure exactly 1", this drawing has been enlarged or reduced, affecting all scales.

DATE: 10/10/2022
 JOB NUMBER: BIG-22-02
 DRAWN BY: BL
 CHECKED BY: PB

LANDSCAPE DEMO AND
 KEY PLAN
 SHEET #:
L101

Drawing J:\BIG-22-02 AIDEA Parking2 - CAD\Corvus-Sheets.dwg last saved on 10/10/2022 3:13 PM was plotted by Bradley Little on 10/10/2022 3:44 PM



1
Code Analysis Plan
SCALE: 1" = 20'-0" @ 22x34

Title 21 Master Table (New Code)

Conformance per 21.12.060-C1	Yes
Site Perimeter Landscaping	Required. See table this sheet.
Parking Lot Landscaping: Perimeter	Required. See table this sheet.
Parking Lot Landscaping: Interior	Required. See table this sheet.
Bicycle Parking Spaces	Required. More than 40 vehicular parking spaces
Open Space Requirements	Not Required. Not located in a residential district.
Site Distance Triangles	35 MPH. See plans.
Dumpster Screening	Not Required. No dumpster on site.
Landscape Warranty	See below

*Per MOA 21.07.080.F4.B a secured two year landscape guarantee in the form of a bond/surety/escrow is required to be provided to the MOA prior to landscape inspection. At the end of the two year period, this will be released back to the client providing that the landscape meets or exceeds the quantity and quality established by the permit set. At a minimum, this will require a letter attesting to meeting these minimums, issued by a landscape architect or arborist. Services related to this inspection are not included within this fee, but can be provided as an additional service to be billed as time and expenses or a negotiated lump sum.

Perimeter Landscaping Requirements

CODE BASIS	Landscape Type	Landscape Level	Length of Perimeter (LF)	N1	N2	E1	E2	S	W
				Pkg Per	Pkg Per	Pkg Per	Site Per	Site Per	Pkg Per
			29'	108'	130'	143'	145'	246'	
CODE REQUIREMENTS	Required Trees			1	5	7	7	7	12
	Required Shrubs			9	32	39	43	44	74
OPTIONAL CREDITS USED	Existing Landscape Credit	Decid. trees > 6" CAL.		0	1 (3 Credits)	3 (9 Credits)	0	0	0
		Conif. trees > 10' HT		0	0	2 (6 Credits)	0	0	0
		Total Tree Credits		0	0	15	0	0	0
		Shrub Equivalent		0	0	0	0	15	0
ADJUSTED REQUIREMENTS	Adjusted Req'd Trees			1	2	0	7	7	12
	Adjusted Req'd Shrubs			9	32	39	43	29	74
LANDSCAPE PROVIDED	Total Trees Provided			1	3	0	9	7	12
	Total Shrubs Provided			10	32	40	45	29	74
CODE COMPARISON	Trees Above Code			+0	+1	+8	+2	+0	+0
	Shrubs Above Code			+1	+0	+1	+2	+0	+0
ACHIEVES CONFORMANCE				Yes	Yes	Yes	Yes	Yes	Yes

*For required landscape level see Sec. 21.07.08 Table 21.07-2: Minimum Site Perimeter Landscaping - By Abutting District or Street.
 *For landscape requirements see Sec. 21.07.08 Table 21.07-1: Landscaping Specifications.
 *Per section 21.07.08.E.2.b.i parking lots with 10 or greater spaces require parking lot perimeter landscaping.

Parking Lot Interior Landscaping Requirements

TOTAL AREA OF PARKING LOT AND APPURTENANT DRIVEWAYS (SF)	18,581	
TOTAL NUMBER OF PARKING SPACES	53	
LANDSCAPE REQUIRED	REQUIRED PLANTING BED (SF)	929
	REQUIRED TREES (1 per 150sq.ft.)	6
	REQUIRED SHRUBS (6 per Tree)	37
LANDSCAPE PROVIDED	PLANTING BED (SF)	1,746
	TOTAL TREES PROVIDED	7
	TOTAL SHRUBS PROVIDED	37
CODE COMPARISON	TREES ABOVE CODE	+817
	SHRUBS ABOVE CODE	+1
ACHIEVES CONFORMANCE	Yes	

*For Parking Lot Interior Landscaping requirements see section 21.07.08.E.2.c
 Summary: Parking lot interior landscaping is required for any parking lot with 40 or more parking spaces. Lots with 40-100 spaces require at least 5% to be devoted to landscaping. 101 to 200 spaces require at least 8% to be devoted to landscaping. Greater than 200 spaces require at least 10% to be devoted to landscaping.
 *For landscape requirements see Sec. 21.07.08 Table 21.07-1: Landscaping Specifications.
 *For existing individual tree specimen credits, see Sec. 21.07.080.F.d

Bicycle Parking Space Requirements

	REQUIRED	EXISTING	PROVIDED	CODE COMPARISON
TOTAL NUMBER OF PARKING SPACES			4	
TOTAL BICYCLE PARKING SPACES	4	0	4	+0

*For Bicycle Parking Space requirements see Sec. 21.07.090.K.
 Summary: 4 Bicycle parking spaces are required for developments with greater than 40 vehicle parking spaces or 3% of the number of vehicle parking spaces required per Table 21.07-4, whichever is greater (53 vehicle parking spaces x 3% = 1.59 bike parking spaces). Specs shall meet standards per 21.07.606.F15.

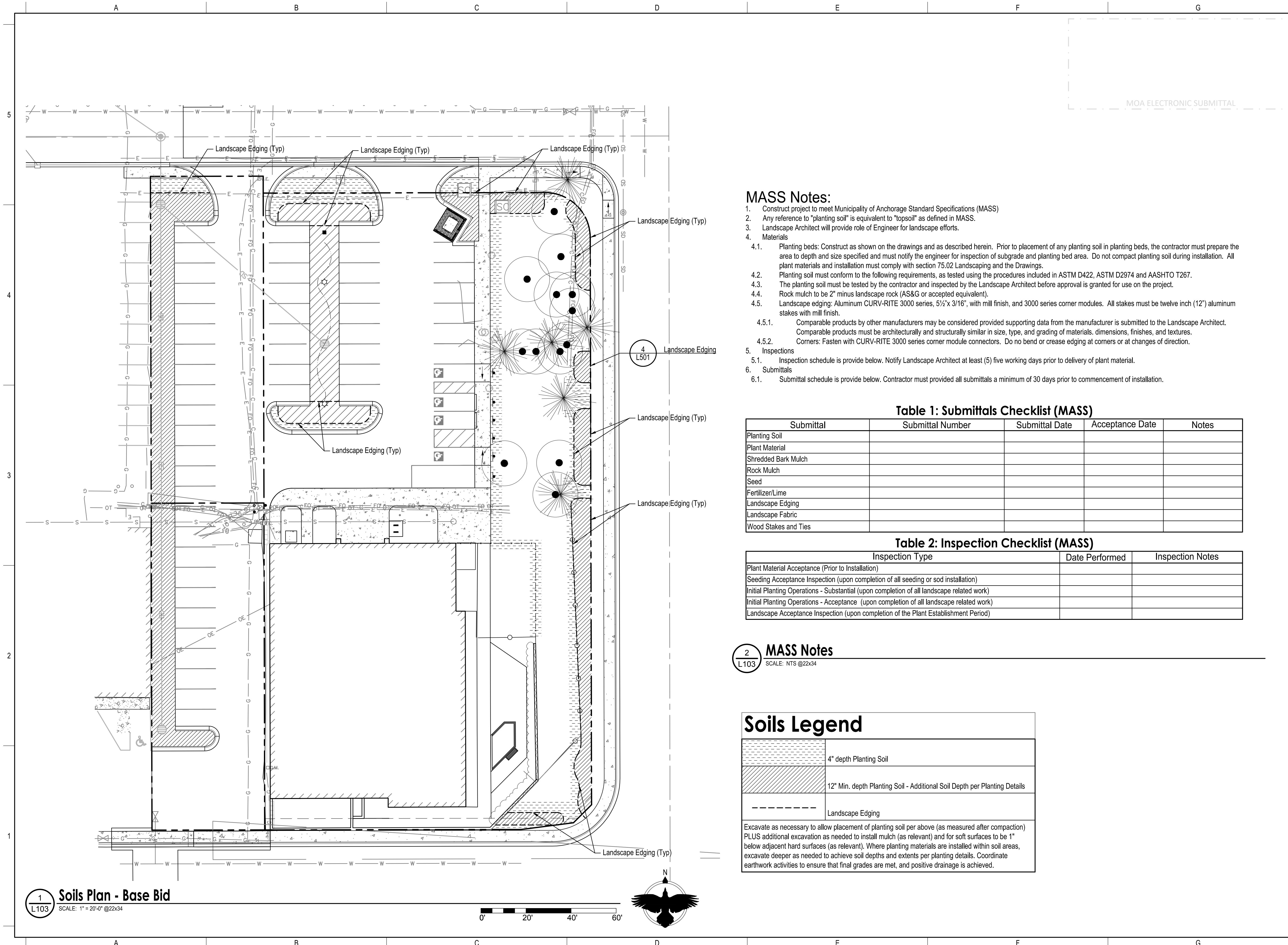
MOA ELECTRONIC SUBMITTAL



AIDEA
SITE IMPROVEMENTS
DRAFT PERMIT DRAWINGS
ANCHORAGE, AK

DATE: 10/10/2022
 JOB NUMBER: BIG-22-02
 DRAWN BY: BL
 CHECKED BY: PB
 CODE ANALYSIS - BASE BID
 SHEET #:
L102

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MASS Notes:

1. Construct project to meet Municipality of Anchorage Standard Specifications (MASS)
2. Any reference to "planting soil" is equivalent to "topsoil" as defined in MASS.
3. Landscape Architect will provide role of Engineer for landscape efforts.
4. Materials
 - 4.1. Planting beds: Construct as shown on the drawings and as described herein. Prior to placement of any planting soil in planting beds, the contractor must prepare the area to depth and size specified and must notify the engineer for inspection of subgrade and planting bed area. Do not compact planting soil during installation. All plant materials and installation must comply with section 75.02 Landscaping and the Drawings.
 - 4.2. Planting soil must conform to the following requirements, as tested using the procedures included in ASTM D422, ASTM D2974 and AASHTO T267.
 - 4.3. The planting soil must be tested by the contractor and inspected by the Landscape Architect before approval is granted for use on the project.
 - 4.4. Rock mulch to be 2" minus landscape rock (AS&G or accepted equivalent).
 - 4.5. Landscape edging: Aluminum CURV-RITE 3000 series, 5/2" x 3/16", with mill finish, and 3000 series corner modules. All stakes must be twelve inch (12") aluminum stakes with mill finish.
 - 4.5.1. Comparable products by other manufacturers may be considered provided supporting data from the manufacturer is submitted to the Landscape Architect. Comparable products must be architecturally and structurally similar in size, type, and grading of materials, dimensions, finishes, and textures.
 - 4.5.2. Corners: Fasten with CURV-RITE 3000 series corner module connectors. Do no bend or crease edging at corners or at changes of direction.
5. Inspections
 - 5.1. Inspection schedule is provide below. Notify Landscape Architect at least (5) five working days prior to delivery of plant material.
6. Submittals
 - 6.1. Submittal schedule is provide below. Contractor must provided all submittals a minimum of 30 days prior to commencement of installation.

Table 1: Submittals Checklist (MASS)

Submittal	Submittal Number	Submittal Date	Acceptance Date	Notes
Planting Soil				
Plant Material				
Shredded Bark Mulch				
Rock Mulch				
Seed				
Fertilizer/Lime				
Landscape Edging				
Landscape Fabric				
Wood Stakes and Ties				

Table 2: Inspection Checklist (MASS)

Inspection Type	Date Performed	Inspection Notes
Plant Material Acceptance (Prior to Installation)		
Seeding Acceptance Inspection (upon completion of all seeding or sod installation)		
Initial Planting Operations - Substantial (upon completion of all landscape related work)		
Initial Planting Operations - Acceptance (upon completion of all landscape related work)		
Landscape Acceptance Inspection (upon completion of the Plant Establishment Period)		

2 MASS Notes

SCALE: NTS @22x34

Soils Legend

	4" depth Planting Soil
	12" Min. depth Planting Soil - Additional Soil Depth per Planting Details
	Landscape Edging

Excavate as necessary to allow placement of planting soil per above (as measured after compaction) PLUS additional excavation as needed to install mulch (as relevant) and for soft surfaces to be 1" below adjacent hard surfaces (as relevant). Where planting materials are installed within soil areas, excavate deeper as needed to achieve soil depths and extents per planting details. Coordinate earthwork activities to ensure that final grades are met, and positive drainage is achieved.

Corvus Design
Landscape Architecture
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AIDEA
SITE IMPROVEMENTS
DRAFT PERMIT DRAWINGS
ANCHORAGE, AK

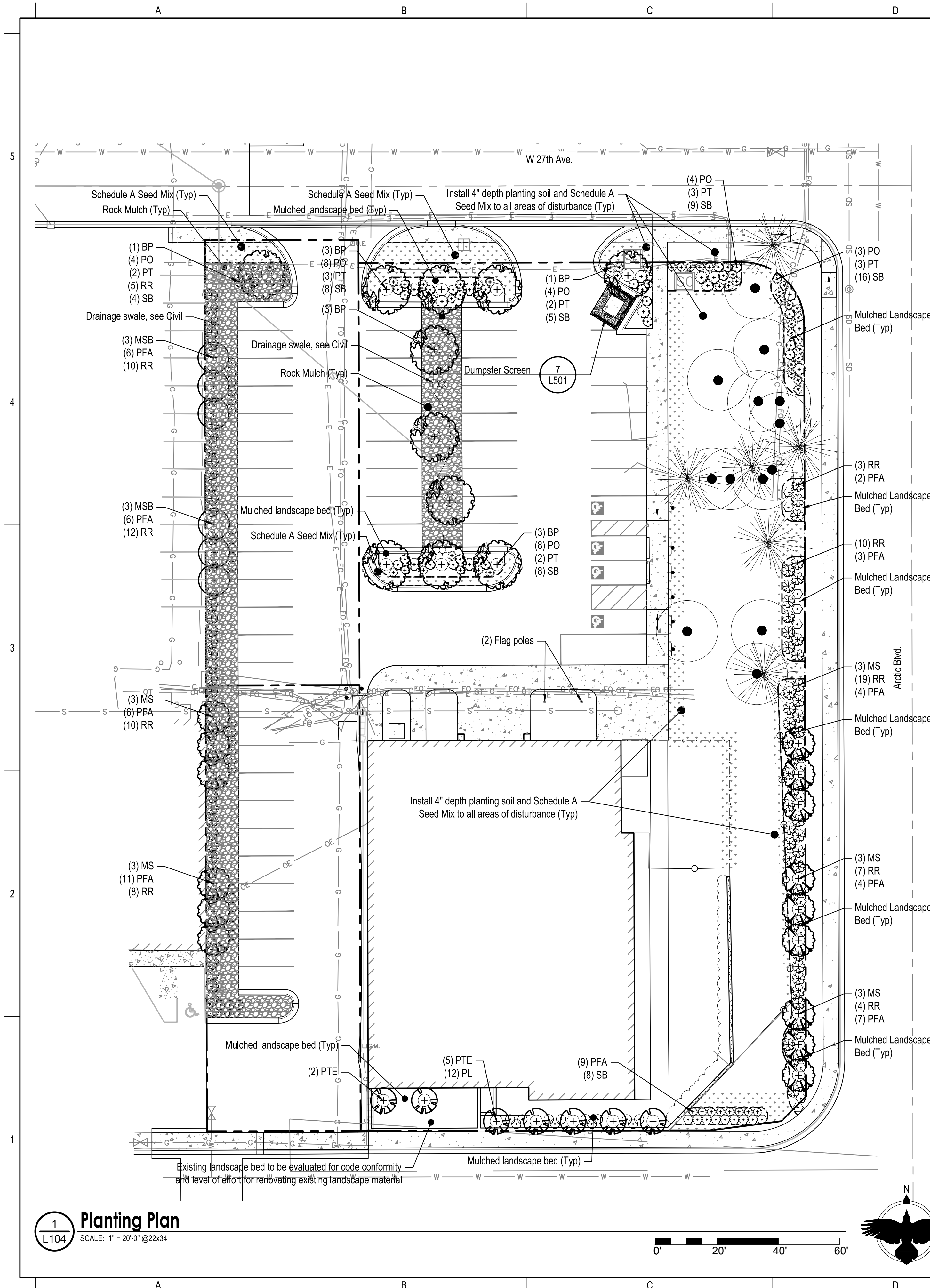
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If the above dimension does not measure exactly 1", this drawing has been enlarged or reduced, affecting all scales.

DATE: 10/10/2022
JOB NUMBER: BIG-22-02
DRAWN BY: BL
CHECKED BY: PB

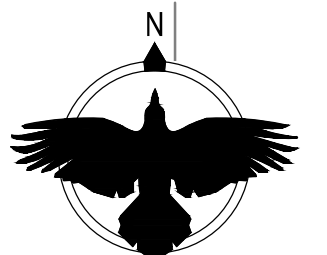
SOILS AND EDGING PLAN
SHEET #:
L103

OCORVUS DESIGN. ALL RIGHTS RESERVED

Drawing J:\BIG-22-02 AIDEA Parking2 - CAD\Corvus-Sheets.dwg last saved on 10/10/2022 3:44 PM



1 Planting Plan
SCALE: 1" = 20'-0" @22x34



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IMPORTANT:
This is a permit set with the Municipality of Anchorage and is required to be installed as shown. Penalties may apply. Contact Landscape Architect prior to installation if any revisions are necessary.

Existing Plantings Schedule

Symbol	Description
	Existing Deciduous Tree
	Existing Evergreen Tree

Proposed Planting Schedule

Deciduous Trees- See Detail: **2** L501 Deciduous Tree Planting - Staked **3** L501 Moose Protection

Qty.	Symbol	Label	Botanical Name	Common Name	Size	Furnished	Notes
12		BP	Betula papyrifera 'Gracilis'	Cutleaf Weeping Birch	2" CAL	B&B	Single stem
15		MD	Malus 'Dolgo'	Dolgo Crabapple	2" CAL	B&B	Single stem
6		ME	Malus 'Emerald Spire'	Emerald Spire Crabapple	2" CAL	B&B	Single stem
7		PT	Populus tremula 'Erecta'	Columnar Swedish Aspen	2" CAL	B&B	Single stem

Note 1: Per MOA Sec. 21.07.080.F.1.a, all deciduous trees must be a minimum of 2" caliper at the time of planting. Container or root ball size per ANSI Z60.1 based on tree size.

Shrubs - See Detail: **1** L501 Shrub Planting

Qty.	Symbol	Label	Botanical Name	Common Name	Size	Furnished	Notes
88		RR	Rosa rugosa	Rugosa Rose	#5(18" MIN)	CG	
58		PF	Potentilla fruticosa 'Gold Drop'	Gold Drop Potentilla	#5(18" MIN)	CG	
12		PL	Philadelphus lewissii	Mock Orange	#5(18" MIN)	CG	
15		PT	Prunus triloba	Rose Tree Of China	#5(18" MIN)	CG	
31		PO	Physocarpus opulifolius 'Diablo'	Common Ninebark	#5(18" MIN)	CG	
58		SB	Spiraea x bumalda 'Anthony Waterer'	Anthony Waterer Spiraea	#5(18" MIN)	CG	

Note 2: Per MOA Sec. 21.07.080.F.1.a, all shrubs must be a minimum height of 18" at the time of planting. Container size shall be per ANSI Z60.1 based on shrub size (minimum #2).

Miscellaneous

	Type A Seed Mix
	Rock Mulch
	4 L501 Landscape Edging

General Notes:

- Construct project to meet Municipality of Anchorage Standard Specifications (MASS.) See 2/L103 for more details.
- All plants: nursery grown to ANSI Z60.1.
- Where planting materials are installed within soil areas, excavate as necessary to achieve soil depths and extents per planting details plus additional excavation as needed to install mulch (as relevant) and for soft surfaces to be 1" below adjacent hard surfaces (as relevant). Coordinate earthwork activities to ensure that final grades are met, and positive drainage is achieved.
- Apply 4" depth planting soil and seed to all disturbed areas not indicated on plans.
- Install Moose Protection Fence to all Deciduous Trees. Refer to Detail 3/L501.
- Landscape contractor: Coordinate the excavation of planting soil areas and planting beds with the General or Prime Contractor.
- Landscape contractor: Coordinate with the general or prime contractor for stabilization of all disturbed areas (disturbed soils) in accordance with Local, State, and Federal requirements for storm water pollution prevention plans.

Corvus Design
Landscape Architecture
www.corvus-design.com
Anchorage - 907.222.2859
2506-B Fairbanks St. 99503
Juneau - 907.988.9000
119 Seward St. 99801
AECC #1195

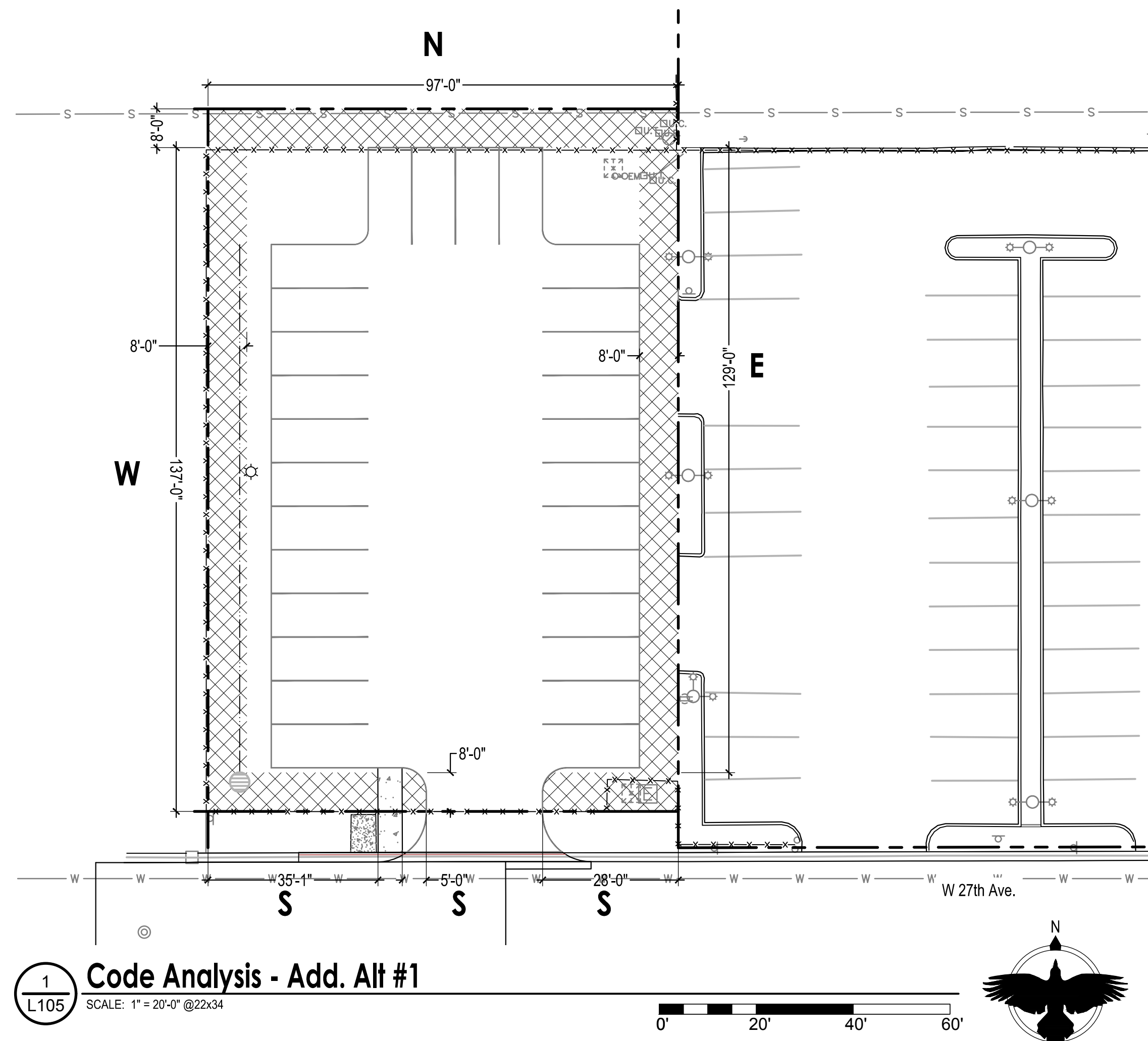


AIDEA
SITE IMPROVEMENTS
DRAFT PERMIT DRAWINGS
ANCHORAGE, AK

DATE: 10/10/2022
JOB NUMBER: BIG-22-02
DRAWN BY: BL
CHECKED BY: PB

LANDSCAPE PLAN -
BASE BID
SHEET #:
L104

Drawing J:\BIG-22-02 AIDEA Parking2 - CAD\Corvus-Sheets.dwg last saved on 10/10/2022 3:13 PM was plotted by Bradley Little on 10/10/2022 3:44 PM



MOA ELECTRONIC SUBMITTAL

Title 21 Master Table (New Code)

Conformance per 21.12.060-C1	No
Site Perimeter Landscaping	Required. See table this sheet.
Parking Lot Landscaping: Perimeter	Required. See table this sheet.
Parking Lot Landscaping: Interior	Not Required. Less than 40 vehicular parking spaces
Bicycle Parking Spaces	Required. More than 40 vehicular parking spaces
Open Space Requirements	Not Required. Not located in a residential district.
Site Distance Triangles	35 MPH. See plans.
Dumpster Screening	Not Required
Landscape Warranty	See below

*Per MOA 21.07.080:F4.B a secured two year landscape guarantee in the form of a bond/surety/escrow is required to be provided to the MOA prior to landscape inspection. At the end of the two year period, this will be released back to the client providing that the landscape meets or exceeds the quantity and quality established by the permit set. At a minimum, this will require a letter attesting to meeting these minimums, issued by a landscape architect or arborist. Services related to this inspection are not included within this fee, but can be provided as an additional service to be billed as time and expenses or a negotiated lump sum.

Perimeter Landscaping Requirements

		N	E	S	W	
CODE BASIS	Landscape Type	Pkg Per	Pkg Per	Pkg Per	Pkg Per	
	Landscape Level	L1	L1	L1	L1	
	Length of Perimeter (LF)	97'	129'	68'	137'	
CODE REQUIREMENTS	Required Trees	5	6	3	7	
	Required Shrubs	29	39	20	41	
OPTIONAL CREDITS USED	Existing Landscape Credit	Decid. trees > 6" CAL.	0	0	0	5 (5 credits)
		Conif. trees > 10' HT	0	0	1 (3 credits)	5 (15 credits)
		Total Tree Credits	0	0	0	20
		Shrub Equivalent	0	0	0	0
ADJUSTED REQUIREMENTS	Adjusted Req'd Trees	5	6	3	0	
	Adjusted Req'd Shrubs	29	39	20	41	
LANDSCAPE PROVIDED	Total Trees Provided	5	6	3	0	
	Total Shrubs Provided	29	40	20	41	
CODE COMPARISON	Trees Above Code	+0	+0	+0	+0	
	Shrubs Above Code	+0	+1	+0	+0	

*For required landscape level see Sec. 21.07.08 Table 21.07-2: Minimum Site Perimeter Landscaping - By Abutting District or Street.

*For landscape requirements see Sec. 21.07.08 Table 21.07-1: Landscaping Specifications.

*Per section 21.07.08.E.2.b.i parking lots with 10 or greater spaces require parking lot perimeter landscaping.

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 AECC #1195

SEAL:



AIDEA

SITE IMPROVEMENTS

DRAFT PERMIT DRAWINGS
ANCHORAGE, AK

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DATE: 10/10/2022
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CODE ANALYSIS -
 ADD ALT #1
 SHEET #:
L105

IMPORTANT:
 This is a permit set with the Municipality of Anchorage and is required to be installed as shown. Penalties may apply. Contact Landscape Architect prior to installation if any revisions are necessary.

Existing Plantings Schedule

Symbol	Description
	Existing Deciduous Tree
	Existing Evergreen Tree

Proposed Planting Schedule - ADD. ALT #1

Deciduous Trees- See Detail: 2 L501 Deciduous Tree Planting - Staked 3 L501 Moose Protection

Qty.	Symbol	Label	Botanical Name	Common Name	Size	Furnished	Notes
3		BP	Betula papyrifera 'Gracilis'	Cutleaf Weeping Birch	2" CAL	B&B	Single stem
2		MD	Malus 'Dolgo'	Dolgo Crabapple	2" CAL	B&B	Single stem
3		ME	Malus 'Emerald Spire'	Emerald Spire Crabapple	2" CAL	B&B	Single stem
6		PT	Populus tremula 'Erecta'	Columnar Swedish Aspen	2" CAL	B&B	Single stem

Note 1: Per MOA Sec. 21.07.080.F.1.a, all deciduous trees must be a minimum of 2" caliper at the time of planting. Container or root ball size per ANSI Z60.1 based on tree size.

Shrubs - See Detail: 1 L501 Shrub Planting

Qty.	Symbol	Label	Botanical Name	Common Name	Size	Furnished	Notes
29		RR	Rosa rugosa	Rugosa Rose	#5(18" MIN)	CG	
16		PF	Potentilla fruticosa 'Gold Drop'	Gold Drop Potentilla	#5(18" MIN)	CG	
12		PL	Philadelphus lewissii	Mock Orange	#5(18" MIN)	CG	
27		PT	Prunus triloba	Rose Tree Of China	#5(18" MIN)	CG	
34		PO	Physocarpus opulifolius 'Diablo'	Common Ninebark	#5(18" MIN)	CG	
12		SB	Spiraea x bumalda 'Anthony Waterer'	Anthony Waterer Spirea	#5(18" MIN)	CG	

Note 2: Per MOA Sec. 21.07.080.F.1.a, all shrubs must be a minimum height of 18" at the time of planting. Container size shall be per ANSI Z60.1 based on shrub size (minimum #2).

Miscellaneous

	Type A Seed Mix
	Rock Mulch
	4 L501 Landscape Edging

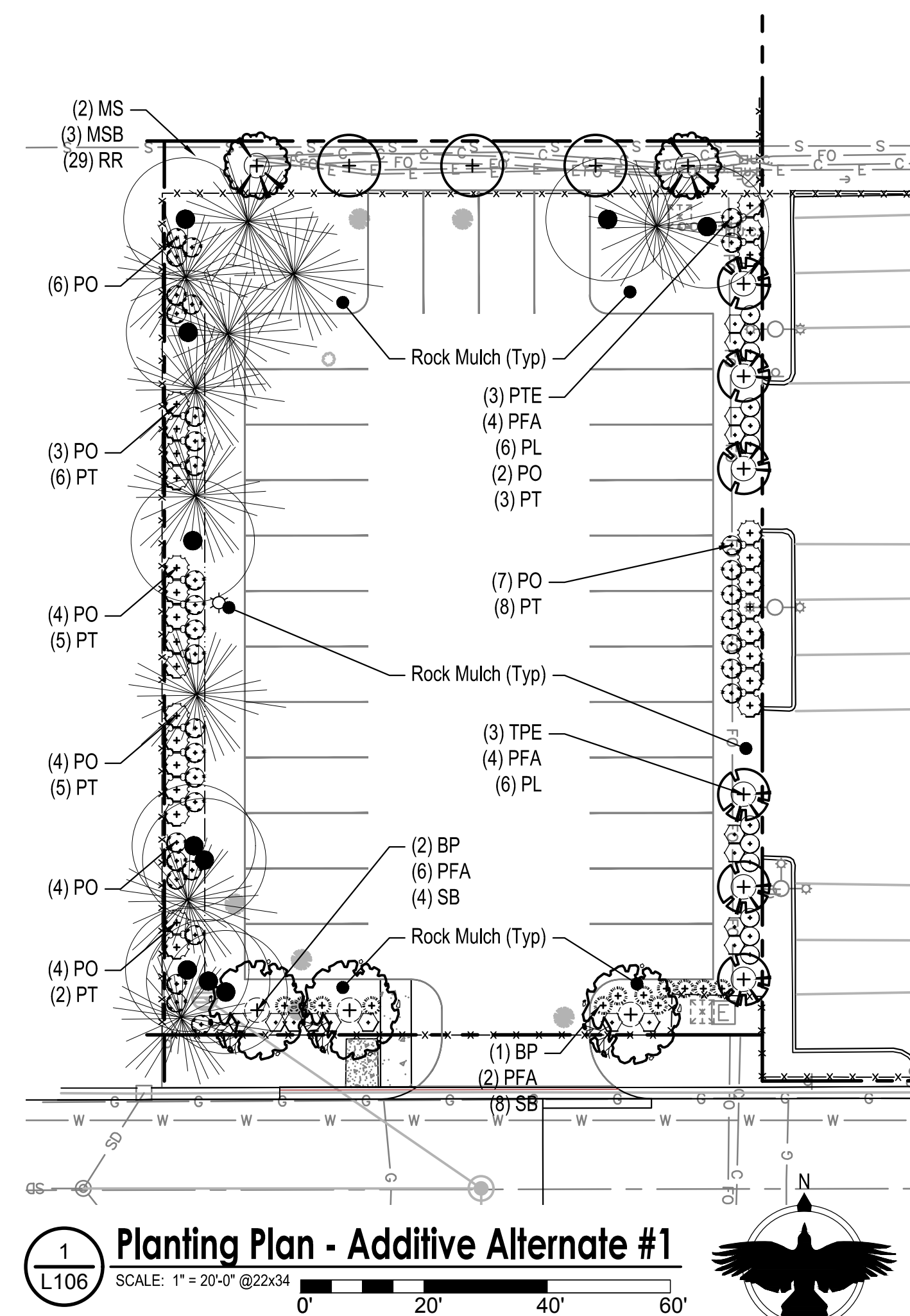
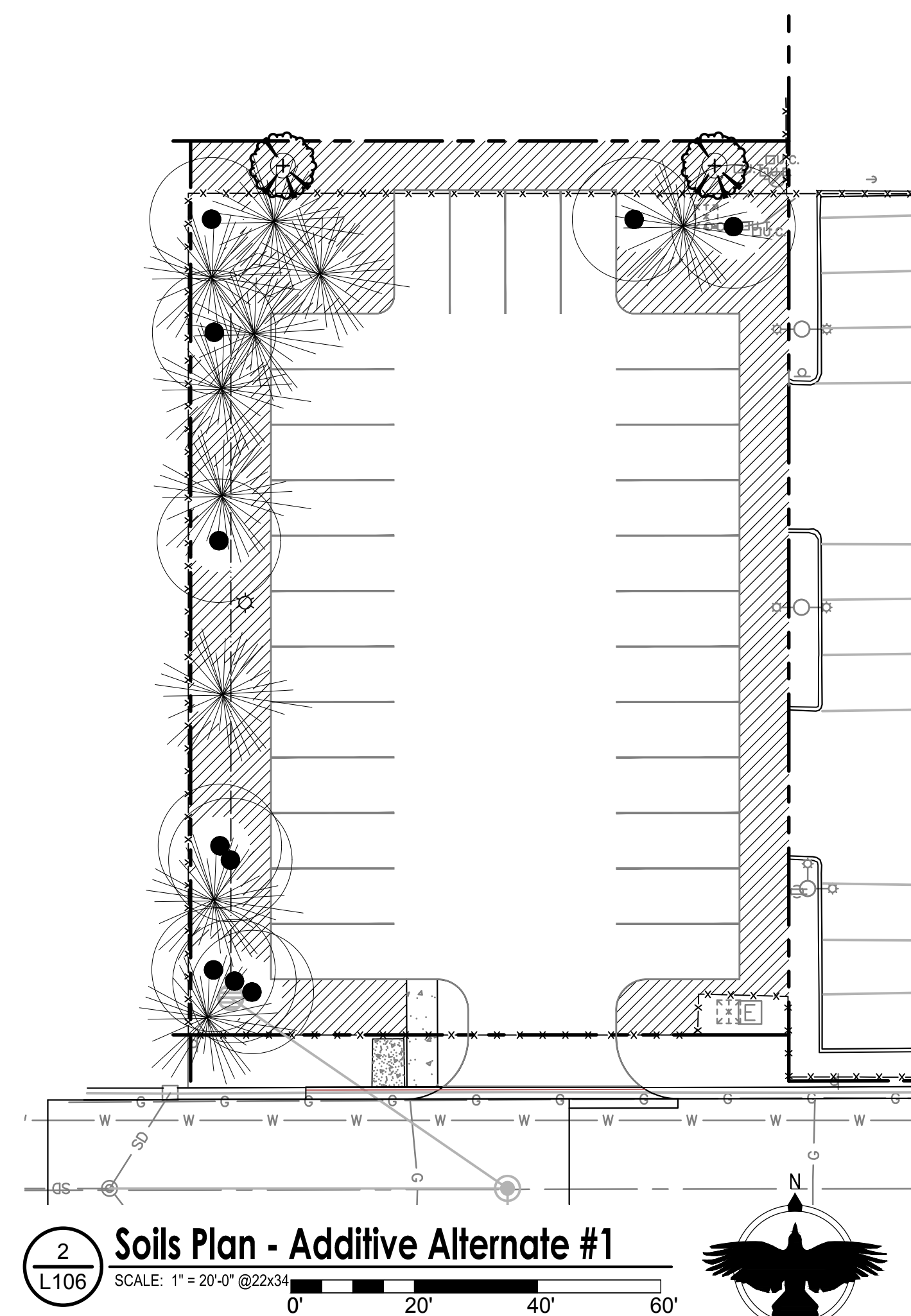
General Notes:

- Construct project to meet Municipality of Anchorage Standard Specifications (MASS.) See 2/L103 for more details.
- All plants: nursery grown to ANSI Z60.1.
- Where planting materials are installed within soil areas, excavate as necessary to achieve soil depths and extents per planting details plus additional excavation as needed to install mulch (as relevant) and for soft surfaces to be 1" below adjacent hard surfaces (as relevant). Coordinate earthwork activities to ensure that final grades are met, and positive drainage is achieved.
- Apply 4" depth planting soil and seed to all disturbed areas not indicated on plans.
- Install Moose Protection Fence to all Deciduous Trees. Refer to Detail 3/L501.
- Landscape contractor: Coordinate the excavation of planting soil areas and planting beds with the General or Prime Contractor.
- Landscape contractor: Coordinate with the general or prime contractor for stabilization of all disturbed areas (disturbed soils) in accordance with Local, State, and Federal requirements for storm water pollution prevention plans.

Soils Legend

	4" depth Planting Soil
	12" Min. depth - Additional Soil Depth per Shrub Planting Details

Excavate as necessary to allow placement of planting soil per above (as measured after compaction) PLUS additional excavation as needed to install mulch (as relevant) and for soft surfaces to be 1" below adjacent hard surfaces (as relevant). Where planting materials are installed within soil areas, excavate deeper as needed to achieve soil depths and extents per planting details. Coordinate earthwork activities to ensure that final grades are met, and positive drainage is achieved.



SEAL:



AIDEA
SITE IMPROVEMENTS
 DRAFT PERMIT DRAWINGS
 ANCHORAGE, AK

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 CHECKED BY: PB

PLANTING PLAN -
 ADD ALT #1
 SHEET #:
L106

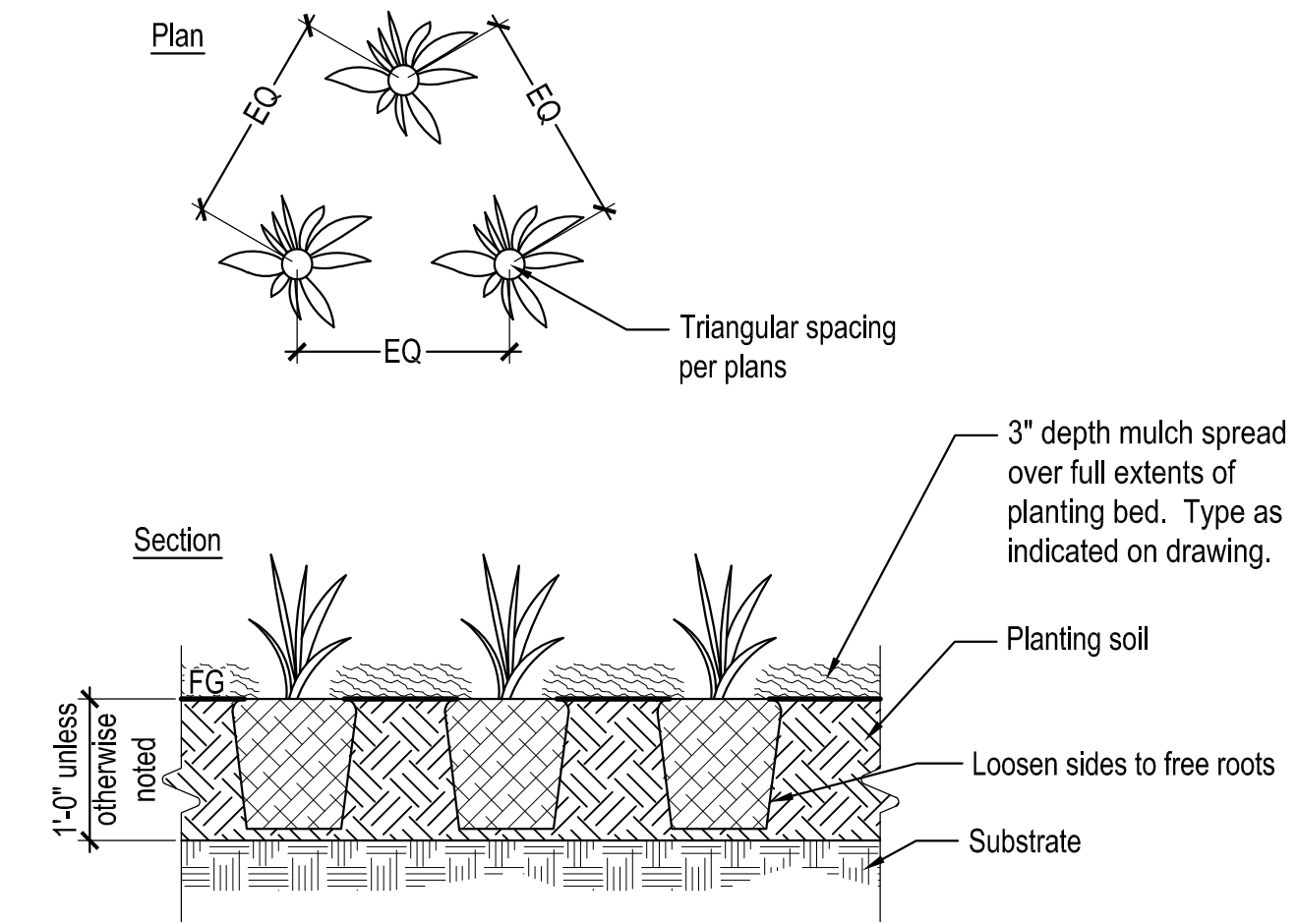


4 Plaza - Rendering
SCALE: NTS @22x34

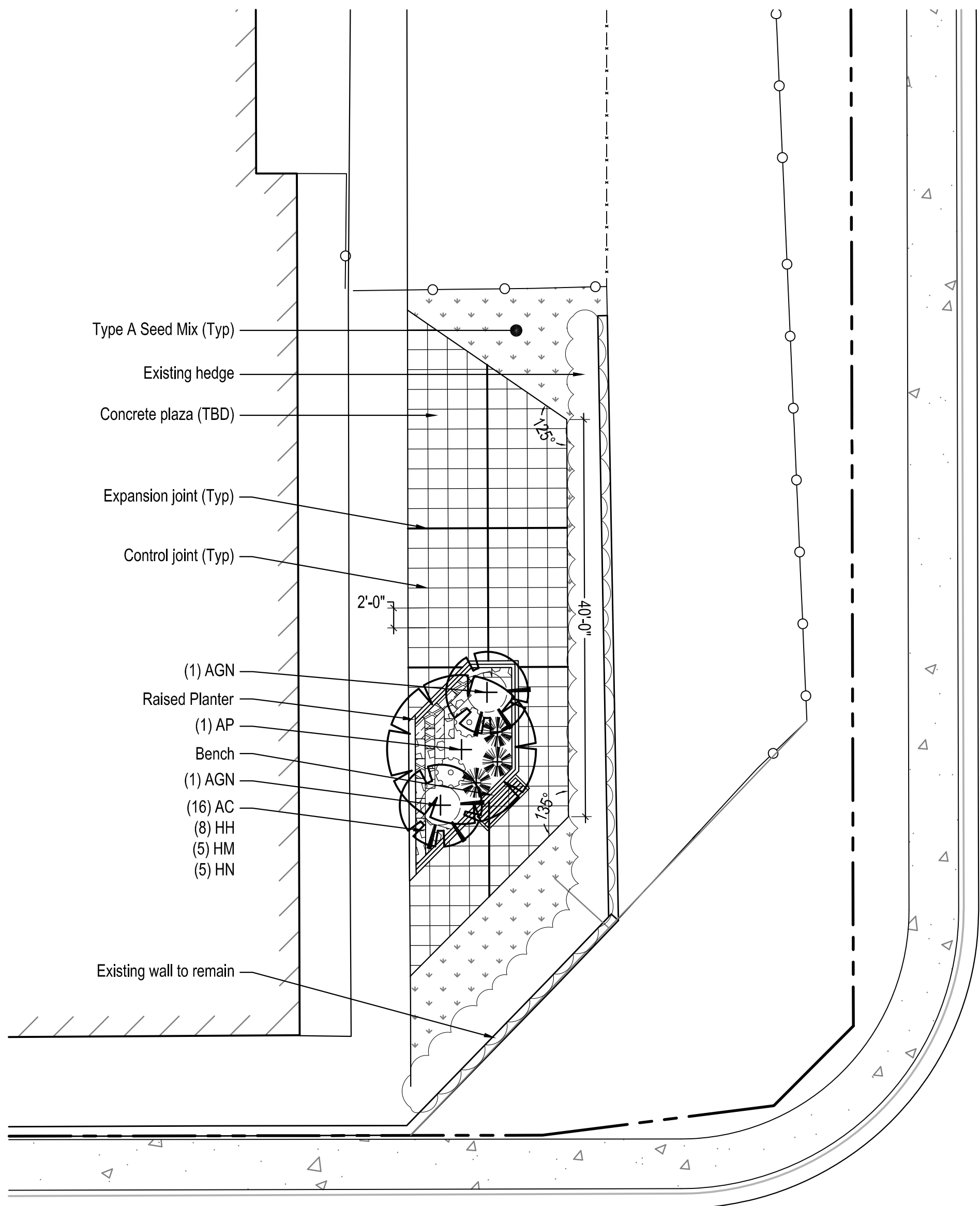


Manufacturer: Victor Stanley
Model: FM-324 (6 ft length with back and arms)
Finish: Powdercoated black with IPE wood slats
Attachment: Surface Mount

3 Bench
SCALE: NTS @22x34



2 Perennial Planting
SCALE: NTS @22x34



1 Plaza Enlargement - Additive Alternate #2
SCALE: 1" = 10'-0" @22x34

Proposed Planting Schedule - ADD. ALT #2

Deciduous Trees- See Detail: **2** L501 Deciduous Tree Planting - Staked

Qty.	Symbol	Label	Botanical Name	Common Name	Size	Furnished	Notes
2		AGN	Acer ginnala	Amur Maple	#5 (24" MIN)	CG	
1		AP	Acer platanoides 'Helena'	Helena Maple	2" CAL	B&B	Single stem

Note 1: Per MOA Sec. 21.07.080.F.1.a, all deciduous trees must be a minimum of 2" caliper at the time of planting. Container or root ball size per ANSI Z60.1 based on tree size.

Shrubs - See Detail: **1** L501 Shrub Planting

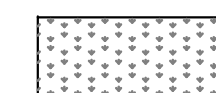
Qty.	Symbol	Label	Botanical Name	Common Name	Size	Furnished	Notes
2		CA	Cornus alba 'Ivory Halo'	'Ivory Halo' Dogwood	#5 (24" MIN)	CG	
3		PA	Picea abies 'Nidiformis'	Bird's Nest Spruce	18" Spread	CG	

Note 2: Per MOA Sec. 21.07.080.F.1.a, all shrubs must be a minimum height of 18" at the time of planting. Container size shall be per ANSI Z60.1 based on shrub size (minimum #2).

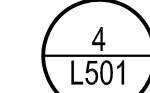
Perennials- See Detail: **2** L107 Perennial Planting

Qty.	Symbol	Label	Botanical Name	Common Name	Size	Furnished	Notes
16		AC	Astilbe chinensis 'Pumila'	Dwarf Astilbe	#1	CG	12" OC Triang. spacing
8		HH	Hemerocallis 'Hyperion'	Daylily 'Hyperion'	#2	CG	18" OC Triang. spacing
5		HM	Heuchera micrantha 'Palace Purple'	Palace Purple Coralbells	#2	CG	18" OC Triang. spacing
5		HN	Heuchera 'Northern Exposure' Lime	Lime Coralbells	#2	CG	18" OC Triang. spacing

Miscellaneous



Type A Seed Mix



Landscape Edging

General Notes:

- Construct project to meet Municipality of Anchorage Standard Specifications (MASS.) See 2/L103 for more details.
- All plants: nursery grown to ANSI Z60.1.
- Where planting materials are installed within soil areas, excavate as necessary to achieve soil depths and extents per planting details plus additional excavation as needed to install mulch (as relevant) and for soft surfaces to be 1" below adjacent hard surfaces (as relevant). Coordinate earthwork activities to ensure that final grades are met, and positive drainage is achieved.
- Apply 4" depth planting soil and seed to all disturbed areas not indicated on plans.
- Landscape contractor: Coordinate the excavation of planting soil areas and planting beds with the General or Prime Contractor.
- Landscape contractor: Coordinate with the general or prime contractor for stabilization of all disturbed areas (disturbed soils) in accordance with Local, State, and Federal requirements for storm water pollution prevention plans.

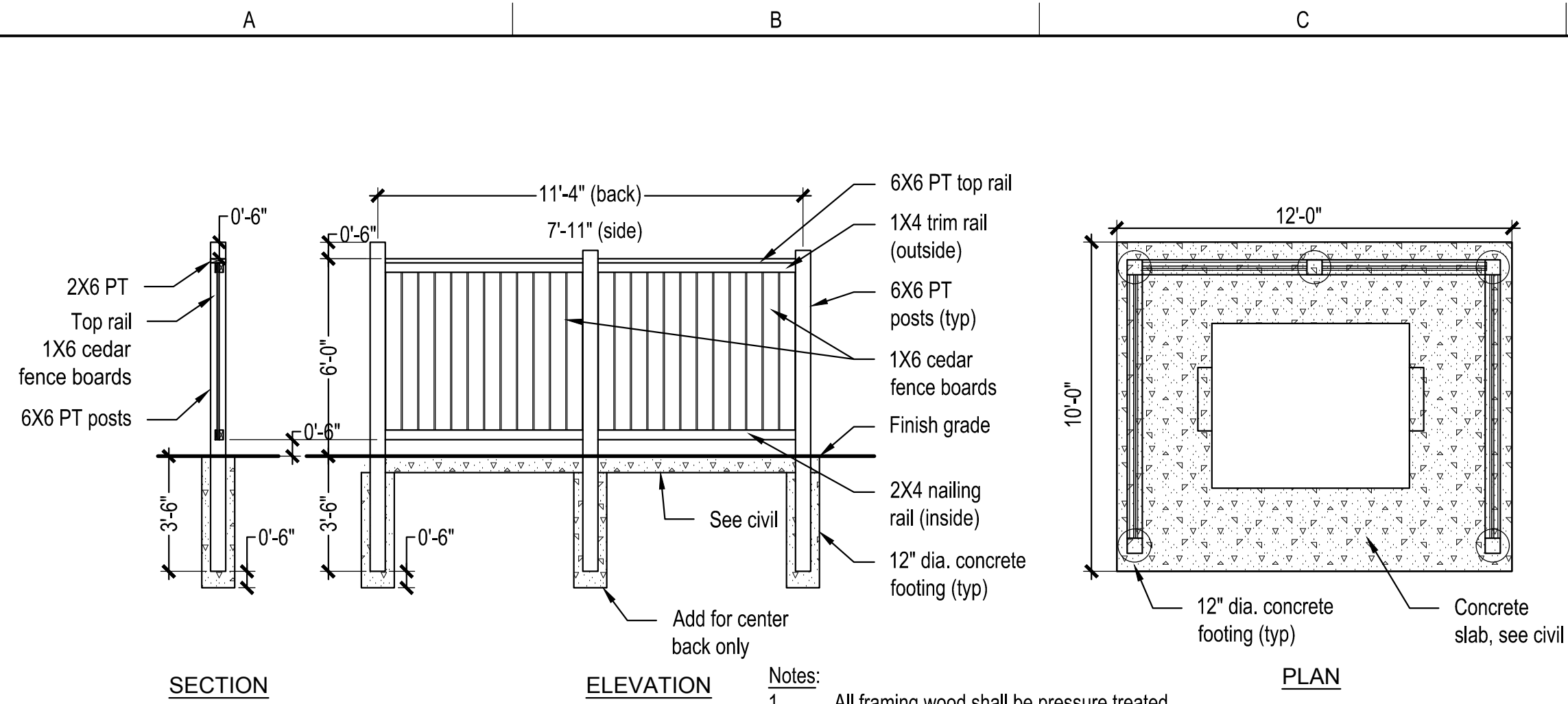
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ANCHORAGE, AK

1" ACTUAL
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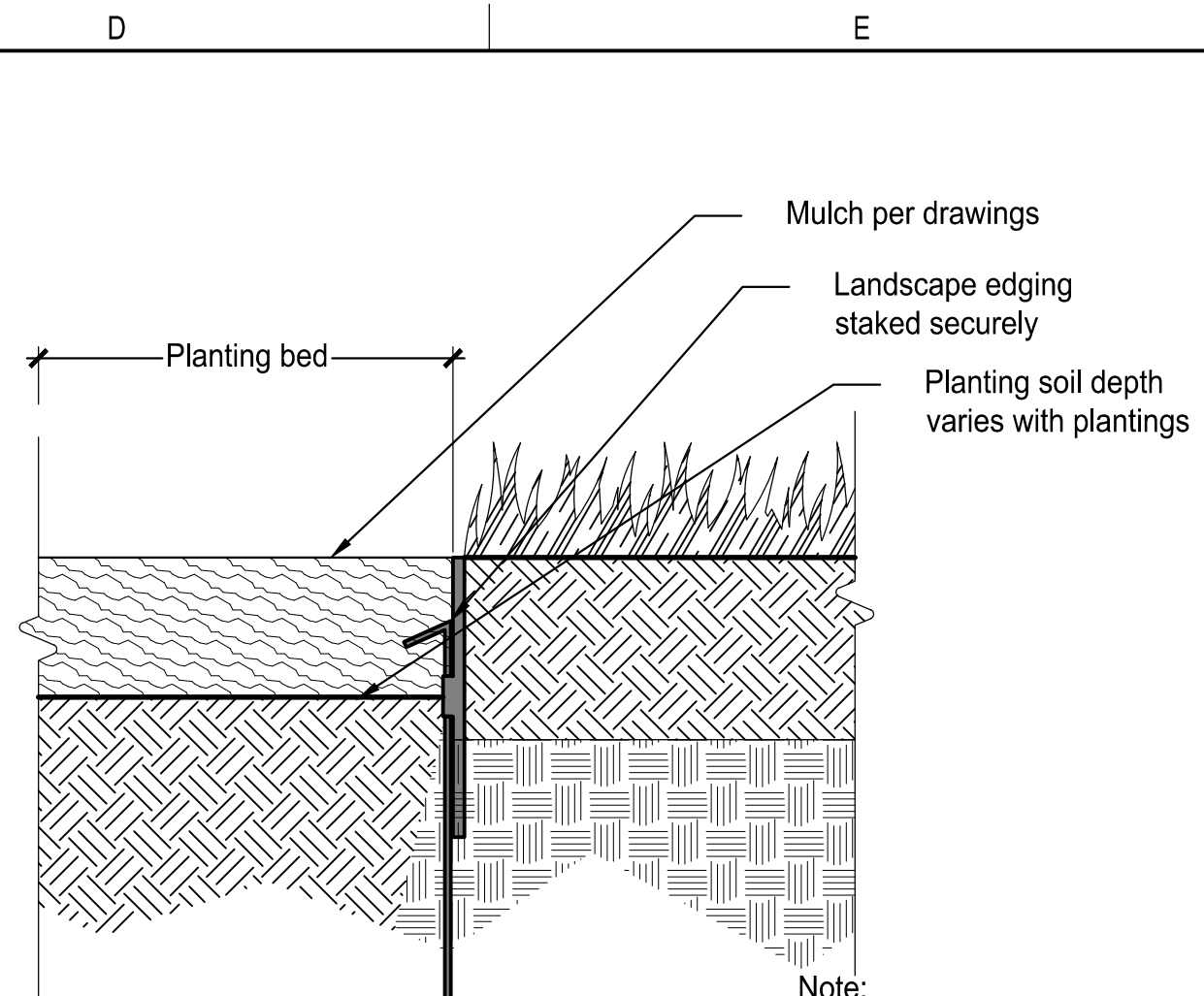
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JOB NUMBER: BIG-22-02
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ADD ALT #2
SHEET #:
L107



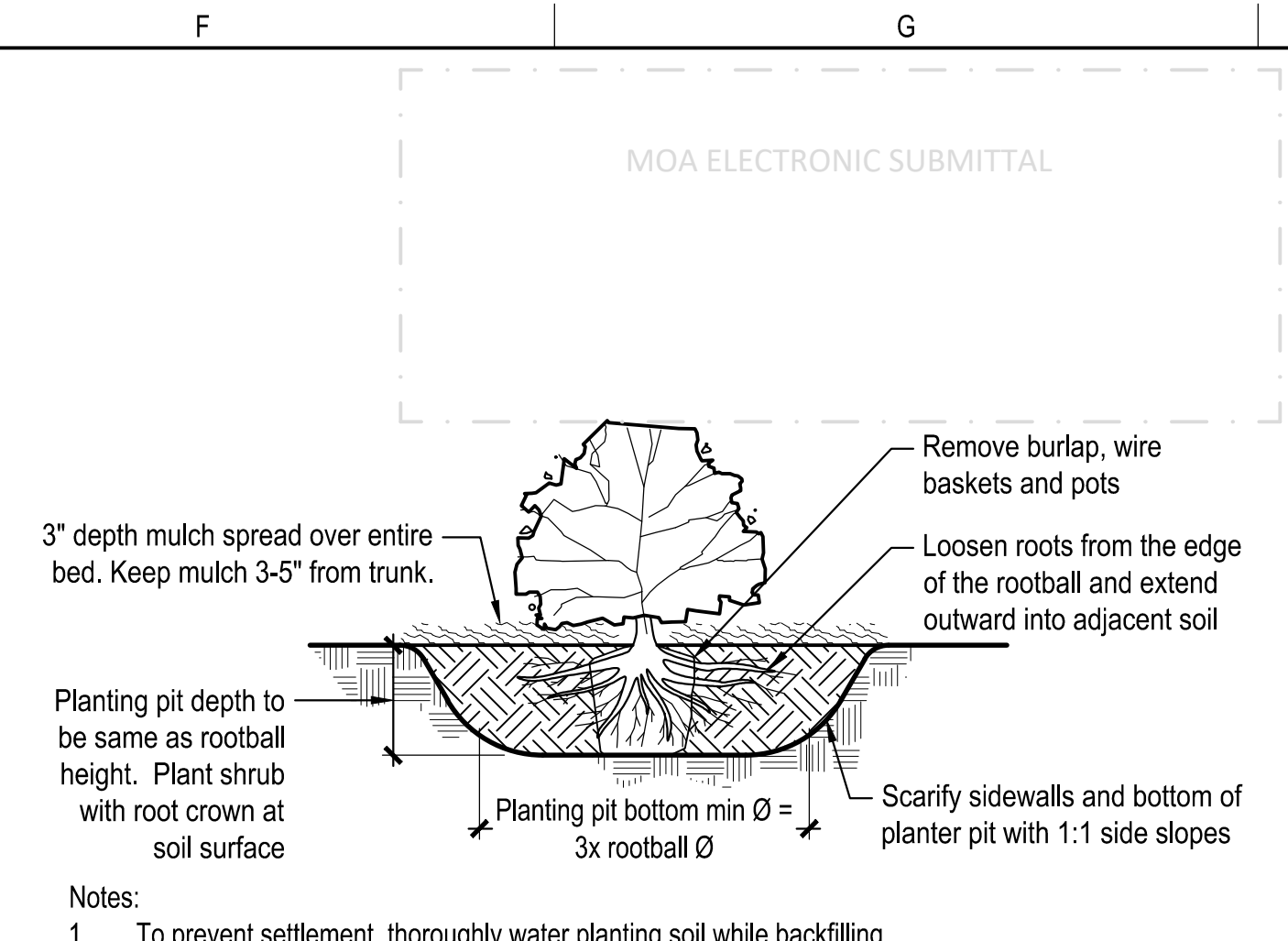
7
L501
SCALE: ##### @22x34
Dumpster Screen

- Notes:
1. All framing wood shall be pressure treated.
 2. All fence boards to be cedar.
 3. Nails per IBC 2000.



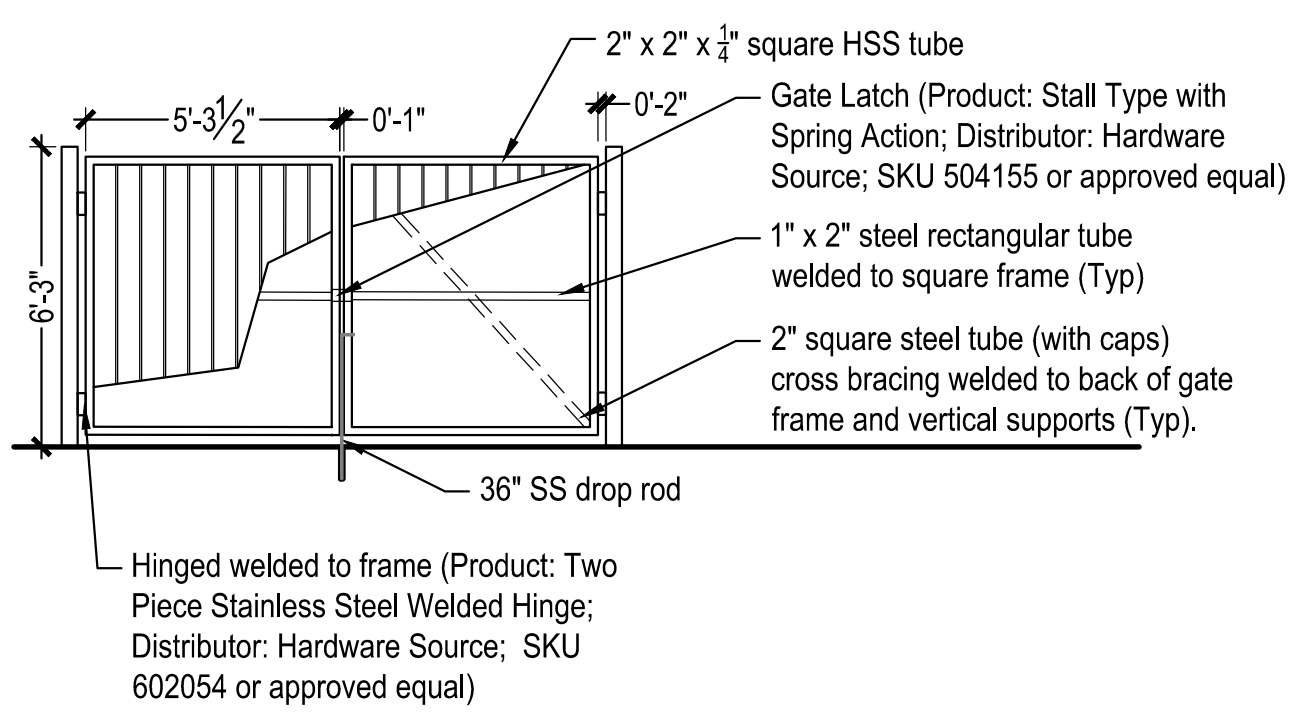
4
L501
SCALE: NTS @22x34
Landscape Edging

- Note:
1. Install edging per manufacturer's specifications.



1
L501
SCALE: NTS @22x34
Shrub Planting

- Notes:
1. To prevent settlement, thoroughly water planting soil while backfilling
 2. Do not fertilize at time of installation
 3. If present, remove all pots, twine, wire, and burlap from rootball

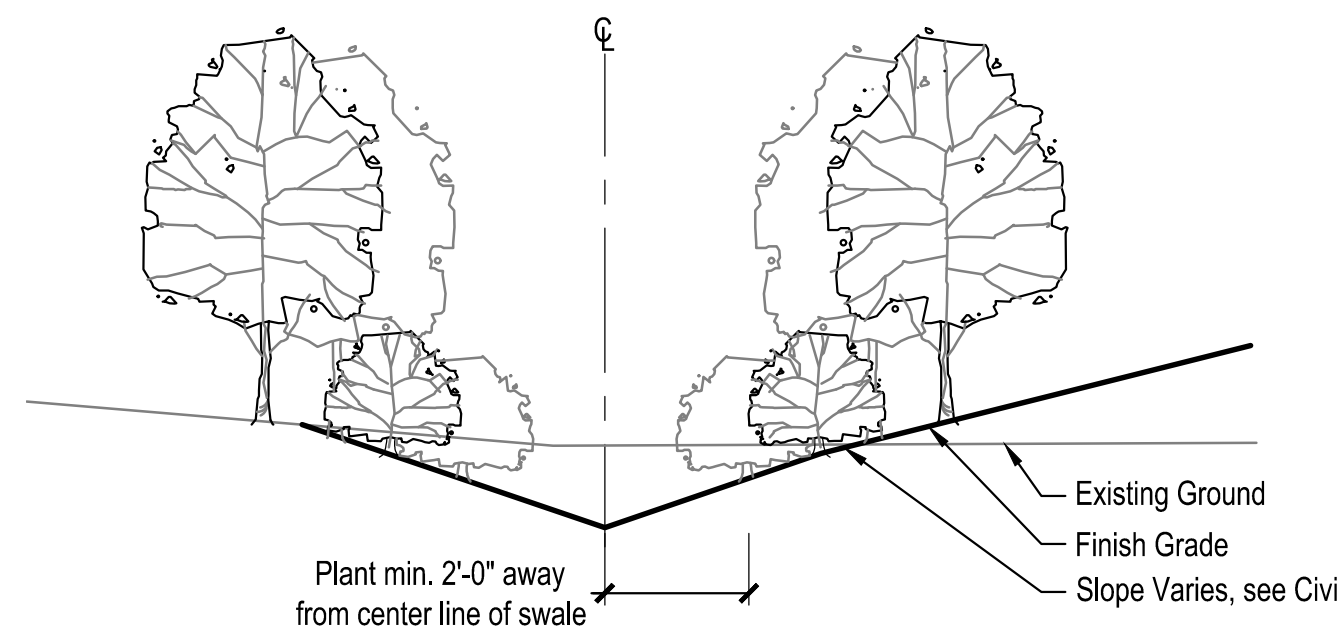


8
L501
SCALE: ##### @22x34
Dumpster Screen - Gate

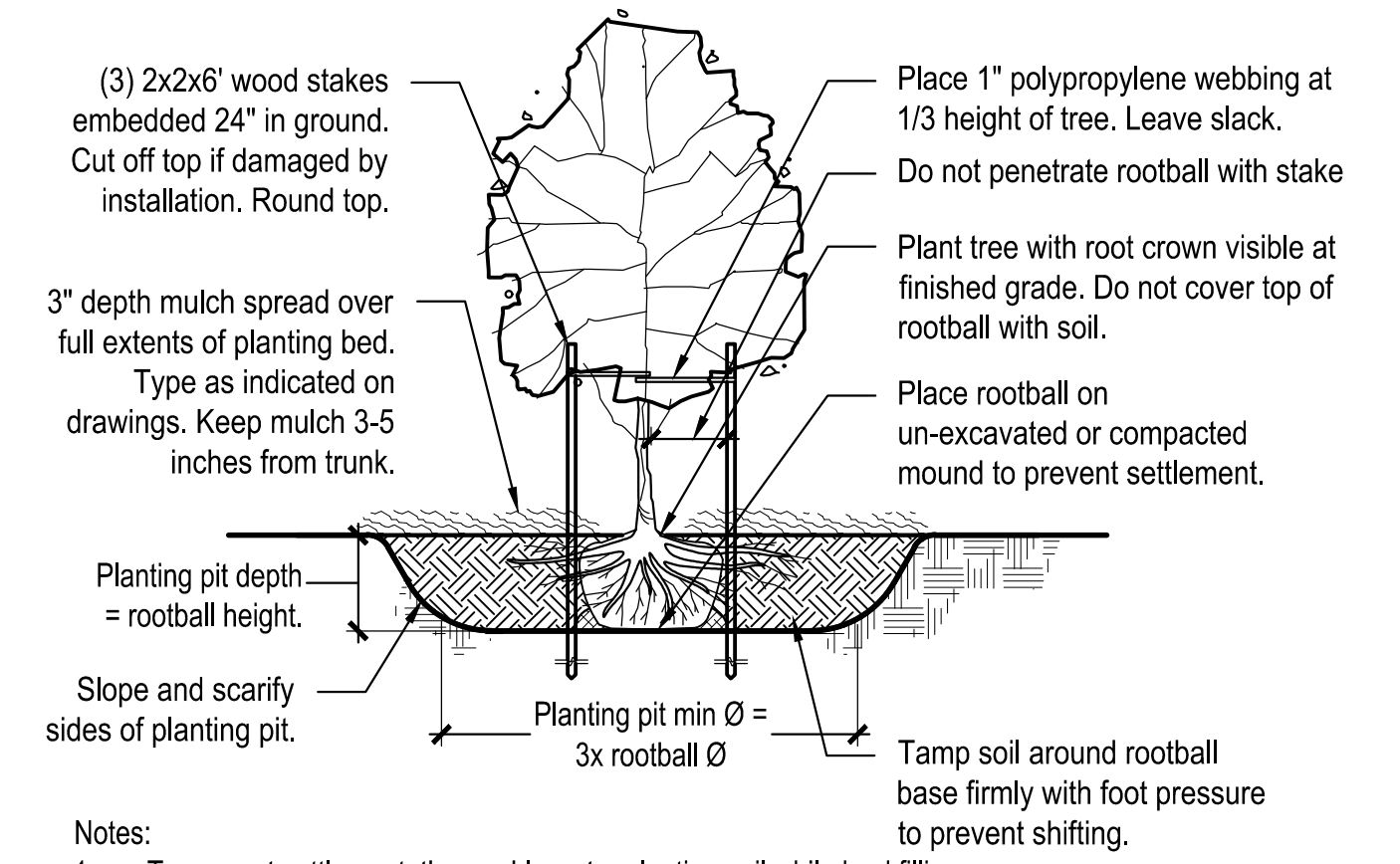


Manufacturer: Landscape Forms
Model: MultiCity
Finish: Powdercoated black with Jarrah top
Attachment: Surface mount

5
L501
SCALE: NTS @22x34
Bike Rack

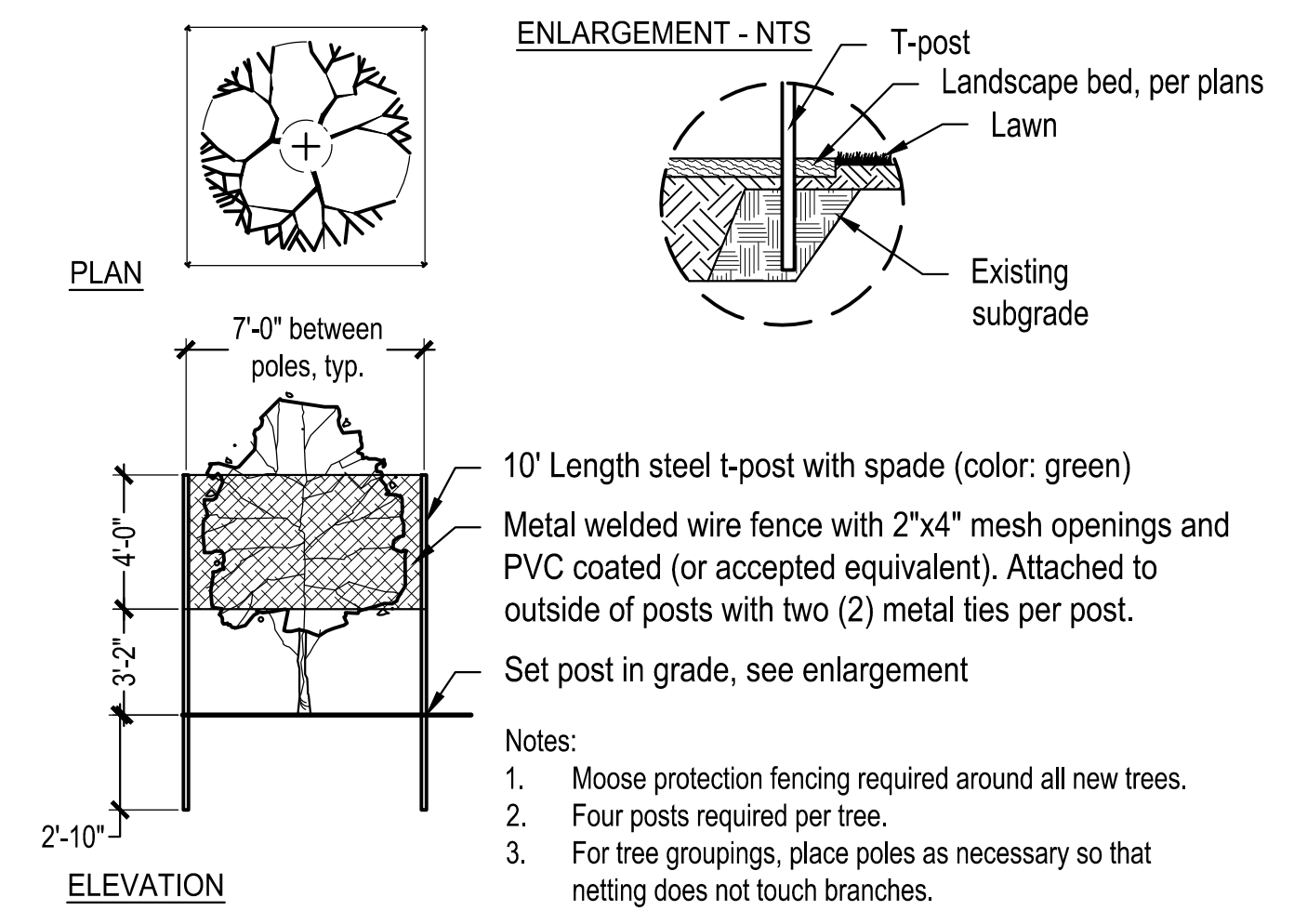


6
L501
SCALE: NTS @22x34
Plantings in Swale



2
L501
SCALE: NTS @22x34
Deciduous Tree Planting - Staked

- Notes:
1. To prevent settlement, thoroughly water planting soil while backfilling
 2. Do not fertilize at time of installation
 3. If present, remove all pots, twine, wire, and burlap from rootball



3
L501
SCALE: NTS @22x34
Moose Protection

- Notes:
1. Moose protection fencing required around all new trees.
 2. Four posts required per tree.
 3. For tree groupings, place poles as necessary so that netting does not touch branches.


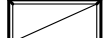

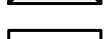





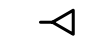
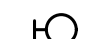







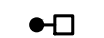



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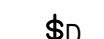
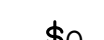


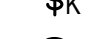


Drawing J:\BIG-22-02 AIDEA Parking2 - CAD\Corvus-Sheets.dwg last saved on 10/10/2022 3:44 PM was plotted by Bradley Little on 10/10/2022 3:45 PM

ELECTRICAL SYMBOLS


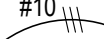

LIGHTING FIXTURES

	SURFACE LIGHT FIXTURE
	RECESSED LIGHT FIXTURE
	EMERGENCY LIGHT FIXTURE
	WALL LIGHT FIXTURE - LINEAR
	STRIP LIGHT FIXTURE
	RECESSED CAN LIGHT FIXTURE
	SURFACE LIGHT FIXTURE
	PENDANT LIGHT FIXTURE
	TRACK LIGHT FIXTURE HEAD
	WALL LIGHT FIXTURE
	SELF CONTAINED EMERGENCY LIGHT
	EMERGENCY LIGHT - SINGLE HEAD
	EXIT LIGHT - WALL MOUNTED
	EXIT LIGHT - CEILING MOUNTED
	EXIT LIGHT DIRECTIONAL ARROWS
	FAN & LIGHT COMBINATION
	POLE MOUNTED AREA LIGHT FIXTURE
	FLOOD LIGHT
	WALL MOUNTED AREA LIGHT FIXTURE
	CEILING MOUNTED FAN

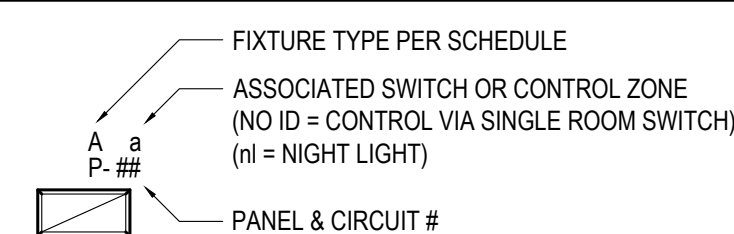
LIGHTING CONTROLS

	SINGLE POLE SWITCH
	DIMMER SWITCH
	OCCUPANCY SENSOR SWITCH
	THREE & FOUR WAY SWITCH
	KEY OPERATED SWITCH
	PHOTOCCELL
	MOTION SENSOR (WALL & CEILING)
	OCCUPANCY SENSOR (WALL & CEILING)


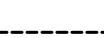
CONDUITS AND CONDUCTORS

	CONDUIT OR CABLE, CONCEALED U.N.O.
	NUMBER AND SIZE OF WIRES (NO SLASHES INDICATES 3#12)
	CONDUIT HOMERUN TO PANEL (PANEL & CIRCUIT NUMBER)














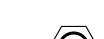















LIGHT FIXTURE NOMENCLATURE













GENERAL

	DASHED SYMBOL = DEVICE TO BE REMOVED
	DASHED LINE = EQUIPEMENT TO BE REMOVED

POWER DEVICES AND EQUIPMENT

	DUPLEX RECEPTACLE / QUADRAPLEX RECEPTACLE
	DUPLEX / QUADRAPLEX ABOVE COUNTER RECEPTACLE
	GFCI PROTECTED RECEPTACLE
	GFCI PROTECTED ABOVE COUNTER RECEPTACLE
	SPLIT WIRED RECEPTACLE
	SIMPLEX RECEPTACLE
	SPECIAL PURPOSE RECEPTACLE, 3Ø & 1Ø AS NOTED
	DUPLEX SMALL APPLIANCE RECEPTACLE
	DRYER RECEPTACLE, NEMA 14-30R
	ELECTRIC RANGE RECEPTACLE, NEMA 14-50R
	FLOOR MOUNTED DEVICE (RECEPTACLE SHOWN)
	CEILING MOUNTED DEVICE (RECEPTACLE SHOWN)
	POWER RECEPTACLE DROP
	JUNCTION BOX
	ELECTRIC MOTOR
	ELECTRIC MOTOR WITH STARTER SWITCH
	EXHAUST FAN
	UNIT HEATER
	CABINET UNIT HEATER
	FLUSH MOUNT ELECTRICAL PANEL - 208V & 480V
	SURFACE MOUNT ELECTRICAL PANEL - 208V & 480V
	NON-FUSED DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH
	COMBINATION MOTOR/STARTER DISCONNECT SWITCH
	VFD DISCONNECT
	PUSH BUTTON OR ACCESS CONTROL JUNCTION BOX
	PUSH BUTTON OR ACCESS CONTROL BOX
	TRAFFIC CONTROL JUNCTION BOX
	WALL / FLOOR MOUNTED MODULAR FURNITURE POWER

TELECOMMUNICATION DEVICES

	TELECOMMUNICATIONS OUTLET
	TELEPHONE (VOICE) OUTLET
	FLOOR MOUNTED DEVICE (TELECOMM SHOWN)
	CEILING MOUNTED DEVICE (TELECOMM SHOWN)
	SPEAKER (WALL & CEILING)
	TELEVISION OUTLET (WALL & CEILING)
	TELEVISION/DATA COMBO OUTLET (WALL & CEILING)
	CLOCK (DIGITAL & ANALOG)
	CLOCK & SPEAKER COMBINATION
	OVERHEAD PROJECTOR

ELECTRICAL SPECIFICATIONS

SECTION 26 05 00 - COMMON WORK RESULTS FOR ELECTRICAL

1. PROVIDE MATERIALS AND EQUIPMENT THAT ARE PRODUCTS OF MANUFACTURERS REGULARLY ENGAGED IN THE PRODUCTION OF SUCH PRODUCTS. ALL MATERIALS SHALL BE LISTED AND LABELED FOR THE APPLICATION WITH A NATIONALLY RECOGNIZED TESTING LABORATORY IN ACCORDANCE WITH NFPA 70.
2. MATERIALS AND EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH ALL REQUIREMENTS OF THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE, STATE, MUNICIPAL AND FEDERAL LAWS, AND AMENDMENTS GOVERNING THE PROJECT. INSTALLATION OF EQUIPMENT SHALL BE ACCORDANCE WITH THE WRITTEN INSTRUCTIONS RECOMMENDATIONS OF THE MANUFACTURER.
3. THE CONTRACTOR SHALL BECOME FAMILIAR WITH ALL DETAILS OF WORK AND VERIFY ALL DIMENSIONS IN THE FIELD SO THAT ALL OUTLETS AND EQUIPMENT ARE PROPERLY LOCATED AND READILY ACCESSIBLE.
4. LIGHTING FIXTURES, OUTLETS, AND OTHER EQUIPMENT AND MATERIALS SHALL BE COORDINATED WITH STRUCTURAL FEATURES AND ALL OTHER TRADES PRIOR TO INSTALLATION. IF ANY CONFLICTS OCCUR NECESSITATING DEPARTURES FROM THE DRAWINGS, DETAILS OF, AND REASONS FOR DEPARTURES SHALL BE SUBMITTED AND ACCEPTED PRIOR TO IMPLEMENTING ANY CHANGE.
5. THE LISTED PUBLICATIONS BELOW ESTABLISH MINIMUM REQUIREMENTS FOR MATERIALS, SYSTEMS AND EXECUTION THAT MAY BE SPECIFIED IN THIS SECTION AND UTILIZED FOR THIS PROJECT.
 - A. NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION (NECA): NECA 1 - STANDARD PRACTICES FOR GOOD WORKMANSHIP IN ELECTRICAL CONSTRUCTION
 - B. NATIONAL FIRE PROTECTION ASSOCIATION (NFPA): NFPA 70 NATIONAL ELECTRICAL CODE, NFPA 70E STANDARD FOR ELECTRICAL SAFETY IN THE WORKPLACE.

SECTION 26 05 19 - POWER CONDUCTORS AND CABLES

1. PROVIDE WIRING, CABLES AND ASSOCIATED SPLICES, CONNECTORS, AND TERMINATIONS FOR WIRING SYSTEMS RATED 600 VOLTS AND LESS. CONDUCTOR AMPACITY SHALL BE BASED ON TABLE 310-16 OF THE NEC UTILIZING THE 60-DEGREE C. RATING COLUMN FOR CIRCUITS TERMINATING ON DEVICES RATED BELOW 100 AMPS AND THE 75-DEGREE C RATING COLUMN FOR CIRCUITS TERMINATING ON DEVICES AND IN ENCLOSURES RATED 100 AMPS AND GREATER.
2. ALL CONDUCTORS SHALL BE COPPER UNLESS NOTED OTHERWISE. ALL CONDUCTORS INSTALLED IN UNHEATED SPACES WITHIN THE BUILDING, UNDERGROUND, OR LOCATED OUTSIDE OF THE BUILDING SHALL HAVE TYPE XHHW 90 DEGREE C INSULATION. ALL CONDUCTORS INSTALLED WITHIN HEATED SPACES MAY HAVE XHHW OR THHN 90 DEGREE C INSULATION.
3. CONDUCTORS NO. 8 AWG AND LARGER DIAMETER SHALL BE STRANDED. CONDUCTORS NO. 12 AWG AND SMALLER SHALL BE SOLID, EXCEPT THAT CONDUCTORS FOR REMOTE CONTROL, ALARM, AND SIGNAL CIRCUITS, CLASSES 1, 2, AND 3 SHALL BE STRANDED.
4. BRANCH CIRCUITS: CONDUCTORS SHALL BE NOT SMALLER THAN NO. 12 AWG. CONDUCTORS FOR BRANCH CIRCUITS OF 120 VOLTS MORE THAN 100 FEET LONG AND OF 277 VOLTS MORE THAN 200 FEET LONG FROM PANEL TO FARTHEST DEVICE OR LOAD, SHALL BE NO SMALLER THAN NO. 10 AWG. CONDUCTORS FOR BRANCH CIRCUITS OF 120 VOLTS MORE THAN 150 FEET LONG AND OF 277 VOLTS MORE THAN 300 FEET LONG FROM PANEL TO FARTHEST DEVICE OR LOAD, SHALL BE NO SMALLER THAN NO. 8 AWG.
5. INSTALL CONDUCTORS IN COMPLIANCE WITH NEC REQUIREMENTS FOR TEMPERATURE AND CONDUIT FILL DERATING AND BOX FILL LIMITATIONS.
6. COLOR CODE CONDUCTORS AS FOLLOWS:
 - A. 240/120 VOLT, 1 PHASE, 3 WIRE: BLACK, RED, WHITE
 - B. 120/208 VOLT, 3 PHASE, 4 WIRE: BLACK, RED, BLUE, WHITE
 - C. 277/480 VOLT, 3 PHASE, 4 WIRE: BROWN, ORANGE, YELLOW, WHITE OR GRAY WITH ID STRIPE.
7. GROUNDING CONDUCTORS: PROVIDE A GREEN EQUIPMENT GROUNDING CONDUCTOR IN EACH NEW RACEWAY, SIZED IN ACCORDANCE WITH NFPA 70, REGARDLESS OF THE TYPE OF CONDUIT.

SECTION 26 05 33 - RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS

1. PROVIDE RACEWAYS AND BOXES LISTED AND SUITABLE FOR THE PROPOSED APPLICATION. PROVIDE AN EFFICIENTLY LAID OUT SYSTEM THAT ALLOWS FOR FUTURE GROWTH. COORDINATE RACEWAYS WITH THE WORK OF OTHER TRADES, AND COORDINATE LAYOUT AND CONSTRUCTION WITH OTHER CONSTRUCTION ELEMENTS TO ENSURE MAXIMUM HEADROOM, WORKING CLEARANCE, AND ACCESS.
2. UTILIZE RACEWAY SYSTEMS LISTED AND SUITABLE FOR THE ENVIRONMENT INSTALLED AS DEFINED BELOW:
 - A. OUTDOORS (EXPOSED): WEATHERPROOF RIGID STEEL CONDUIT OR EMT SYSTEM.
 - B. INDOORS (NOT SUBJECT TO PHYSICAL DAMAGE): EMT OR TYPE MC CABLE.
 - C. CONNECTION TO VIBRATING EQUIPMENT: FLEXIBLE METAL CONDUIT, LIQUID-TIGHT IN DAMP AND WET LOCATIONS.

SECTION 26 24 16 PANELBOARDS & LOAD CENTERS

1. ALL PANELBOARDS SHALL BE FACTORY ASSEMBLED OF THE BOLTED CIRCUIT BREAKERS TYPE WITH SOLID COPPER BUSSING, FULL SIZED NEUTRAL, 100% GROUND BUSSING, AND OVERALL HINGED/LOCKABLE DOOR. ALL CIRCUIT BREAKERS SHALL BE OF THE QUICK-MAKE AND QUICK-BREAK DESIGN, THERMAL-MAGNETIC TYPE, TRIP FREE AND TRIP-INDICATING. ALL PANELS SHALL BE DEAD FRONT AND FLUSH OR SURFACE MOUNTED AS SHOWN AND SHALL BE FURNISHED WITH A TYPEWRITTEN DIRECTORY CARD OF THE CIRCUITS AND AN ENGRAVED NAMEPLATE.

2. CIRCUIT BREAKER PANELBOARDS SHALL HAVE FULL LENGTH NON-TAPERED BUS BARS ARRANGED AND DRILLED FOR SEQUENCE PHASING.
3. ALL PANELS SHALL HAVE DOORS FLUSH WITH THE TRIM, EQUIPPED WITH LOCKS, AND KEYED ALIKE. ALL MULTI-POLE BREAKERS SHALL BE COMMON TRIP.
4. ALL PANELBOARDS PHASE AMPERAGE SHALL BE BALANCED TO WITHIN 10 PERCENT MAX. TO MIN. REARRANGE BRANCH CIRCUITS AS REQUIRED AND NOTE CHANGES ON RECORD DRAWINGS.
5. PANELS SHALL BE AS INDICATED ON THE DRAWINGS. ALL BRANCH CIRCUIT BREAKERS (C/B) SHALL BE RATED 20 AMPERES SINGLE POLE MINIMUM, EXCEPT AS NOTED OR REQUIRED BY LOCAL CODES.
6. PROVIDE LOCKOUT CLIPS ON CIRCUIT BREAKERS WHERE INDICATED ON PANEL SCHEDULE.
7. PROVIDE ONE SPARE 1" CONDUIT FOR EACH SIX SPACES OR SPARE CIRCUIT BREAKERS IN EACH RECESSED MOUNTED PANEL. MINIMUM 1- SPARE CONDUIT PER PANEL. RUN CONDUIT TO A LOCATION JUST ABOVE CEILING.
8. CIRCUIT BREAKERS SERVING HEATING, VENTILATION, AND/OR AIR CONDITIONING (HVAC) EQUIPMENT SHALL BE RATED AND MARKED "HACR", IF FUSING IS NOT PROVIDED AT PIECE OF HVAC EQUIPMENT. FIELD VERIFY EXACT "HACR" BREAKER REQUIREMENTS WITH HVAC EQUIPMENT NAMEPLATE AND MANUFACTURER'S REQUIREMENTS PRIOR TO INSTALLATION.
9. IN SERVICE ENTRANCE APPLICATIONS, PANELS SHALL BEAR THE MANUFACTURER'S LABEL INDICATING THE EQUIPMENT IS RATED FOR "SERVICE ENTRANCE" APPLICATION IN ACCORDANCE WITH THE NEC AND AS INDICATED ON DRAWINGS.
10. PANELBOARDS SHALL HAVE A MINIMUM SHORT CIRCUIT CURRENT RATING AS INDICATED ON THE DRAWINGS.
11. VERIFY ACTUAL AIC SHORT CIRCUIT CURRENT REQUIREMENTS WITH OWNER OR UTILITY COMPANY PRIOR TO ORDERING EQUIPMENT.
12. AFTER COMPLETION, ALL PANELBOARDS SHALL BE CLEANED BOTH INSIDE AND OUTSIDE.
13. MANUFACTURER SHALL BE SQUARE "D" OR EQUAL BY GENERAL ELECTRIC, CUTLER HAMMER, SQUARE D OR APPROVED EQUAL.

SECTION 26 27 26 - WIRING DEVICES

1. PROVIDE RECEPTACLES, CONNECTORS, SWITCHES, AND FINISH PLATES OF TYPES AND QUANTITIES SUITABLE FOR THE PROJECT AND INTENDED USE. WIRING DEVICES SHALL MEET NEMA WD 1 AND NEMA WD 6. WIRING TERMINALS SHALL BE OF THE SCREW TYPE OR OF THE SOLDERLESS PRESSURE TYPE HAVING SUITABLE CONDUCTOR-RELEASE ARRANGEMENT. WIRING DEVICES SHALL BE IMPACT RESISTANT NYLON WITH WHITE COLOR UNLESS NOTED OTHERWISE.
 2. DEVICE PLATES ON UNFINISHED WALLS MAY BE OF ZINC-COATED SHEET STEEL, OR CAST METAL HAVING ROUNDED OR BEVELED EDGES. DEVICE PLATES ON FINISHED WALLS SHALL BE STAINLESS STEEL OR MATCH DEVICE COLOR, COORDINATE WITH ARCHITECT. SCREWS SHALL BE OF METAL WITH COUNTERSINK HEADS, IN A COLOR TO MATCH THE FINISH OF THE PLATE.
 3. SINGLE AND DUPLEX RECEPTACLES SHALL BE RATED 20 AMPERES, 125 VOLTS, 2-POLE, 3-WIRE, GROUNDING TYPE WITH POLARIZED PARALLEL SLOTS, BACK AND SIDE WIRED.
 4. TOGGLE SWITCHES SHALL BE RATED 120-277 VOLT AC GROUNDING TYPE, TOTALLY ENCLOSED, GENERAL USE.
- SECTION 26 51 00- INTERIOR LIGHTING**
1. PROVIDE AND INSTALL ALL LIGHTING EQUIPMENT AS SHOWN ON THE DRAWINGS AND SPECIFIED IN THE LIGHTING FIXTURE SCHEDULE. PROVIDE WITH ALL OPTIONS AND ACCESSORIES AS REQUIRED FOR A COMPLETE INSTALLATION IN COMPLIANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 2. REPAIR ALL SURFACE TO MATCH EXISTING WHERE DAMAGED BY INSTALLATION OF NEW LIGHTING FIXTURES OR CIRCUITRY. PAINT ALL EXPOSED RACEWAYS AND BOXES TO MATCH ADJACENT SURFACES.

MOUNTING HEIGHT SCHEDULE

*SWITCHES	4'-0"
*RECEPTACLES	1'-6"
*WEATHERPROOF RECEPTACLES	2'-0"
BRANCH PANELS (TOP)	6'-6"
DISCONNECT SWITCHES (TOP)	5'-6"

MOUNTING HEIGHTS SHALL PREVAIL ON ALL NEW CONSTRUCTION UNLESS OTHERWISE NOTED.

MOUNTING HEIGHTS ARE TO CENTER OF DEVICE AND ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED.

COORDINATE FINAL MOUNTING HEIGHTS FOR DEVICES ABOVE COUNTERS WITH ARCHITECTURAL ELEVATIONS.

COORDINATE FINAL MOUNTING HEIGHTS FOR DEVICES FOR EQUIPMENT WITH ARCHITECTURAL ELEVATIONS.

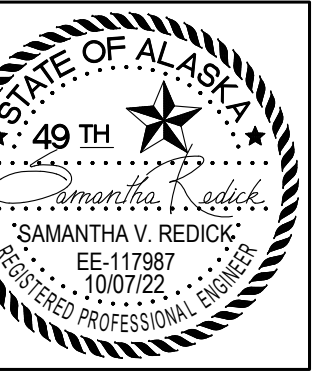
MOUNTING FOR DEVICES SHOWN ABOVE BASEBOARD HEATERS, 4" ABOVE HEATER, MOUNTED VERTICALLY.

THESE ARE TYPICAL MOUNTING HEIGHTS. NOT ALL DEVICES ARE NECESSARILY APPLICABLE TO THIS PROJECT.

*MOUNTING HEIGHTS COMPLY WITH ICC/ANSI A117.1-09

ELECTRICAL ABBREVIATIONS

AC	ABOVE COUNTER
AFF	ABOVE FINISHED FLOOR
AFCI	ARC FAULT CIRCUIT INTERRUPTER
AIC	AMPERES INTERRUPTING CAPACITY
AMP, A	AMPERE
ARCH	ARCHITECTURAL
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
AW	ABOVE WINDOW
C	CONDUIT
°C	CELSIUS
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CLG	CEILING
CO	CONDUIT ONLY
COMM	COMMUNICATIONS
DW	DISH WASHER
EF	EXHAUST FAN
E, EX, EXIST	EXISTING
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FLA	FULL LOAD AMPS
G, GRD	GROUND
GFCI	GROUND FAULT CURRENT INTERRUPTER
GF	GROUND FAULT PROTECTION
HP	HORSE POWER
IN, "	INCHES
K	DEGREE KELVIN
KMIL, MCM	THOUSAND CIRCULAR MILS
KVA	KILOVOLT AMPERES
KW	KILOWATT
LC	LIGHTING CONTACTOR
MAX	MAXIMUM
MCB	MAIN CIRCUIT BREAKER
MECH	MECHANICAL
MLO	MAIN LUGS ONLY
MW	MICROWAVE
N	NEUTRAL
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRIC CODE
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NO, #	NUMBER
OFCI	OWNER FURNISHED/ CONTRACTOR INSTALLED
PA	PUBLIC ADDRESS
PC	PHOTO CELL
PH, Ø	PHASE
RECP, REC	RECEPTACLE
REF	REFRIGERATOR
REQ, REQD	REQUIRED
Re	RELOCATED
TELECOM	TELECOMMUNICATIONS
TV	TELEVISION
TYP	TYPICAL
UC	UNDER COUNTER
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY
UTP	UNSHIELDED TWISTED PAIR
V	VOLTS
VA	VOLT AMPERES
VFD	VARIABLE FREQUENCY DRIVE
W	WATT
WAP	WIRELESS ACCESS POINT
WP	WEATHERPROOF
WR	WEATHER RESISTANT
XFMR	TRANSFORMER



AIDEA PARKING LOT

813 W NORTHERN LIGHTS BOULEVARD ANCHORAGE, ALASKA 99503

Revision Schedule		
No.	Description	Date

Drawn:	SVR
Reviewed:	TCA
Date:	2022-10-07
Job No:	2022.102.1

Sheet Contents
ABBREVIATIONS, LEGENDS,
& SPECIFICATIONS

Drawing No.
E1
1 of 5E



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AIDEA PARKING LOT
 813 W NORTHERN LIGHTS BOULEVARD
 ANCHORAGE, ALASKA 99503

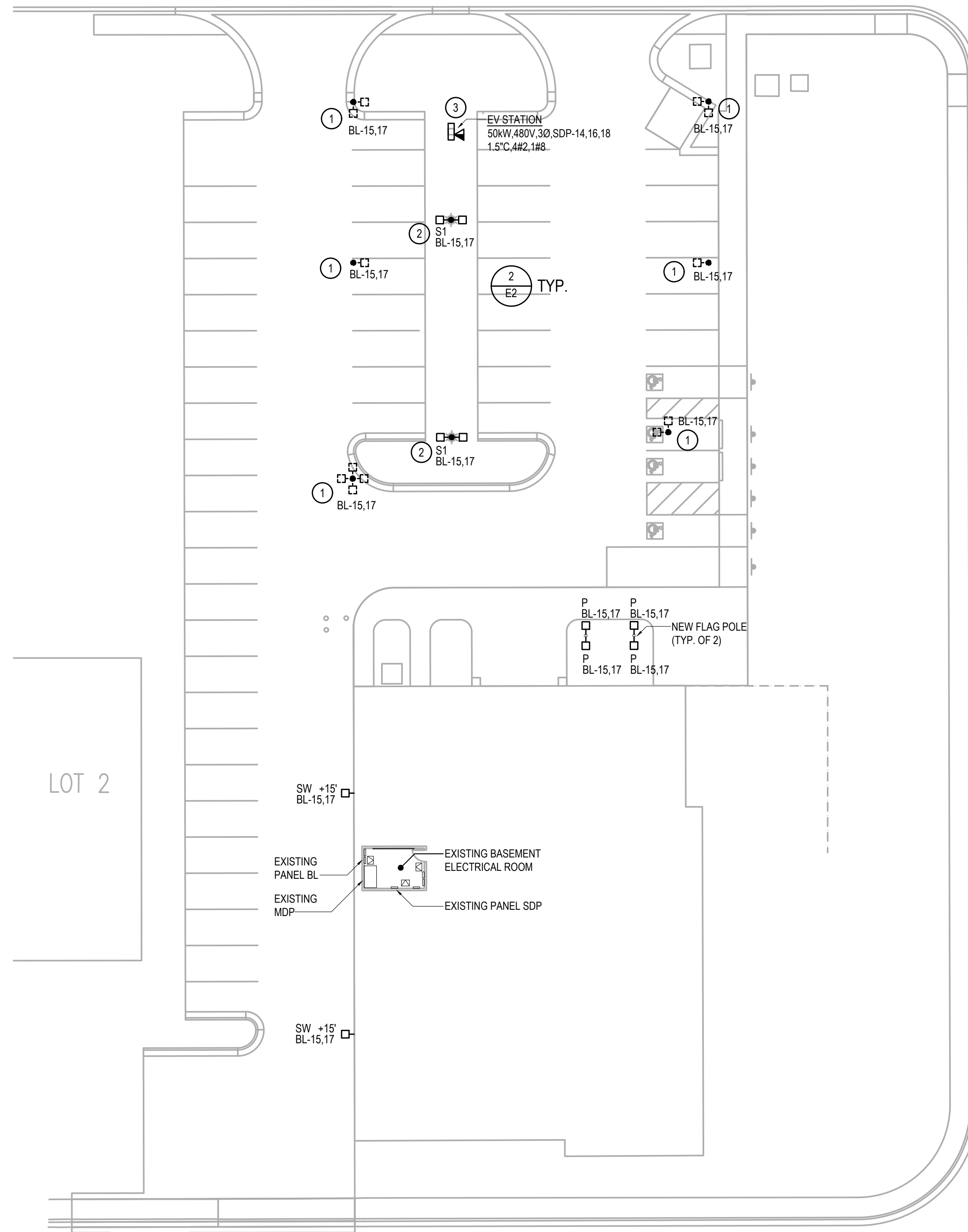
Revision Schedule		
No.	Description	Date

Drawn: SVR
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 Date: 2022-10-07
 Job No: 2022.102.1

Sheet Contents
 ELECTRICAL SITE PLAN
 & POLE BASE DETAIL

Drawing No.
E2
 2 of 5E
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W. 27TH AVENUE



GENERAL NOTES

- MINIMUM BURIAL DEPTH OF LIGHTING AND POWER SYSTEM CONDUITS SHALL BE 24" MINIMUM UNLESS SPECIFICALLY NOTED OTHERWISE. REFERENCE ALSO CIVIL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL TRENCHING AND BACKFILL REQUIREMENTS.
- MINIMUM BURIAL DEPTH OF TELECOMMUNICATIONS SYSTEM CONDUITS SHALL BE 36" MINIMUM UNLESS SPECIFICALLY NOTED OTHERWISE. REFERENCE ALSO CIVIL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL TRENCHING AND BACKFILL REQUIREMENTS.
- ALL EXTERIOR FEEDER AND BRANCH CIRCUIT SHALL UTILIZE CONDUCTORS WITH TYPE XHHW INSULATION.
- EXISTING PANEL & CIRCUITRY INFORMATION IS BASED ON A NON-DESTRUCTIVE WALK THROUGH OF THE FACILITY AND EXISTING PANEL SCHEDULES ONLY. CONTRACTOR IS TO VERIFY EXISTING CONDITIONS PRIOR TO THE START OF WORK.
- CONTRACTOR TO UPDATE EXISTING PANEL SCHEDULES TO IDENTIFY REVISED LOADS AS A RESULT OF THIS PROJECT.
- EQUIPMENT AND DEVICES NOTED 'E' ARE EXISTING TO REMAIN AND ARE SHOWN FOR INFORMATION ONLY. MAINTAIN EXISTING LOCATION, CIRCUITRY, & CONTROL UNLESS NOTED OTHERWISE.

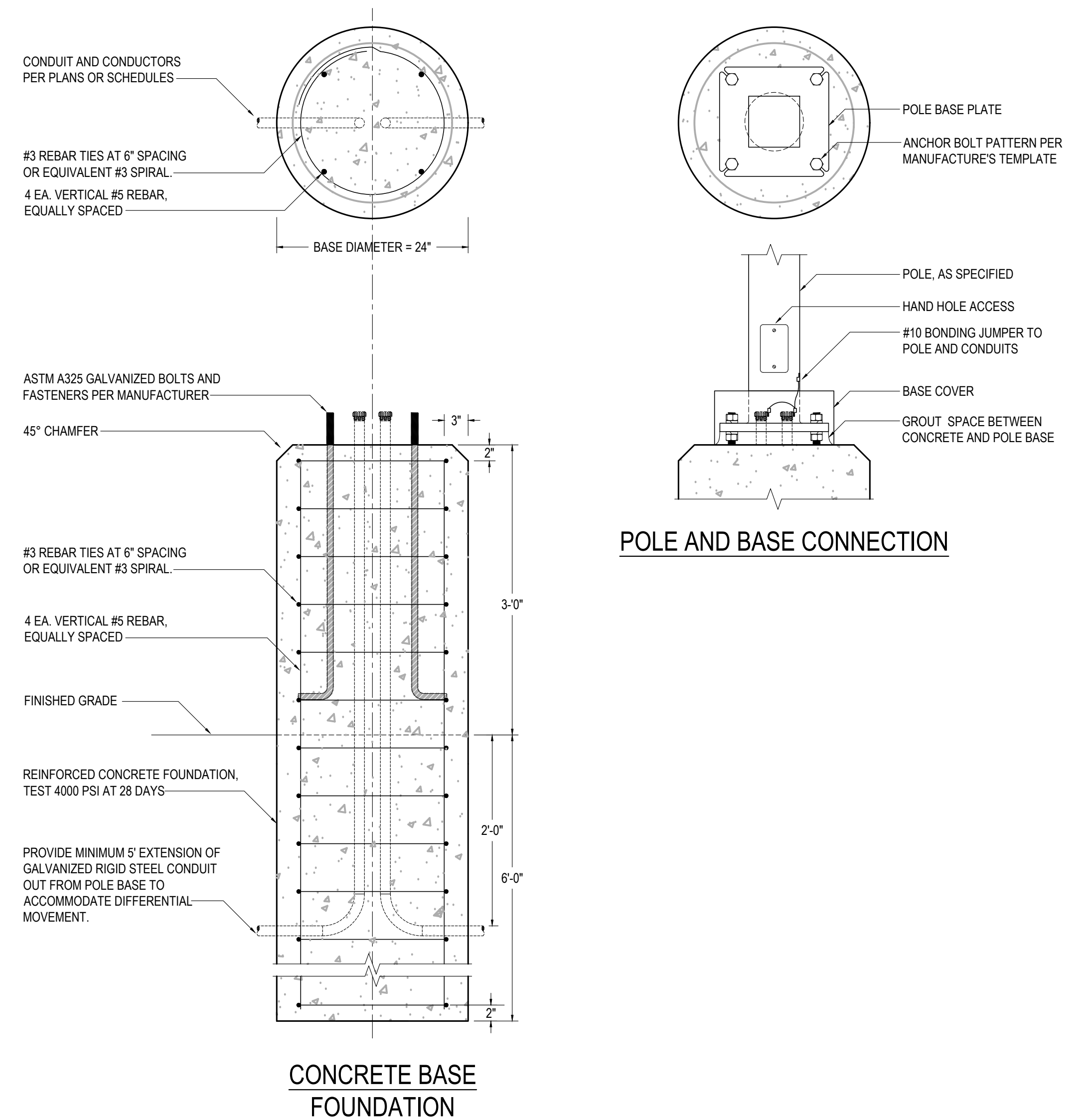
SHEET NOTES

INDICATED BY: (E)

- EXISTING LIGHTING POLE, FIXTURE, & BASE AT THIS LOCATION IS TO BE REMOVED. RETAIN AND EXTEND EXISTING CONDUIT AND BRANCH CIRCUITRY TO SUPPLY NEW SITE LIGHTING FIXTURES.
- DESIGN INTENT IS TO CAPTURE & REUSE EXISTING SITE LIGHTING BRANCH CIRCUITRY WITH A NET REDUCTION IN CIRCUIT LOAD. CONTROL SITE LIGHTING CIRCUIT VIA PHOTOCELL, FIELD LOCATE.
- ELECTRIC VEHICLE CHARGING STATION: FLO SMARTDC 50KW #DCH502AN1FLP03 AS A BASIS OF DESIGN ONLY. COORDINATE WITH OWNER & FINAL EQUIPMENT SUPPLIED FOR EXACT ELECTRICAL REQUIREMENTS PRIOR TO ROUGH IN. STATION WILL BE OWNER SUPPLIED & FURNISHED EQUIPMENT, CONTRACTOR TO PROVIDE CONDUIT & CONNECTIONS AS REQUIRED. COORDINATE WITH FINAL EQUIPMENT SUPPLIED AND OWNER TELECOMMUNICATIONS INFRASTRUCTURE FOR DATA REQUIREMENTS.

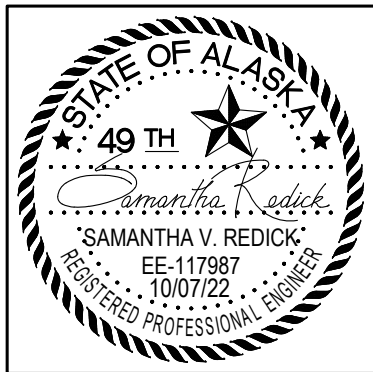
EXTERIOR ILLUMINATION SUMMARY

MINIMUM DESIGN REQUIREMENTS			DESIGNED PERFORMANCE LEVELS		
MAIN PARKING LOT					
MINIMUM ILLUMINATION LEVEL	0.2	FC	MINIMUM ILLUMINATION LEVEL	0.3	FC
AVERAGE ILLUMINATION LEVEL	0.4	FC	AVERAGE ILLUMINATION LEVEL	0.9	FC
UNIFORMITY RATIO (MAX:MIN)	20:1		UNIFORMITY RATIO (MAX:MIN)	7.3:1	
UNIFORMITY RATION (AVG:MIN)	10:1		UNIFORMITY RATIO (AVG:MIN)	3.0:1	
MOA TITLE 21 COMPLIANCE:					
1. SYSTEMS ARE DESIGNED TO MINIMIZE GLARE TO MOTORIST ON PUBLIC STREETS AND RESIDENTS OF ADJACENT PROPERTIES					
2. THIS DESIGN COMPLIES WITH THE CURRENT REQUIREMENTS OF TITLE 21 AND IESNA.					
ENGINEER SIGNATURE	Samantha Redick		DATE:	9/9/2022	



1 ELECTRICAL DEMO/SITE PLAN
 SCALE: 1" = 20'-0"

2 CONCRETE POLE BASE DETAIL
 SCALE: NTS



LIGHTING FIXTURE SCHEDULE								
TYPE ID	MANUFACTURER MODEL NUMBER	FIXTURE DESCRIPTION	LAMP		LED		MOUNTING	
			TYPE	QTY	LUMENS	WATTS	TYPE	HEIGHT
P	LITHONIA LIGHTING #DSXF3 LED-P3-40K-MSP-MVOLT-IS-DNAXD #SMACBT-148T-RND6-DNAXD	POLE-MOUNTED FLOOD LIGHT WITH MEDIUM FLOOD DISTRIBUTION, 40K COLOR TEMPERATURE, INTEGRAL ADJUSTABLE SLIPFITTER, AND NATURAL ALUMINUM FINISH. INCLUDE TWIN ARM BULLHORN POLE MOUNT AS SPECIFIED, ONE PER POLE. COORDINATE POLE DIAMETER AT 20' ABOVE GRADE WITH POLE DESIGN PRIOR TO ORDERING.	LED		18,603	169	POLE	+20' ABOVE GRADE
						110 lmw		
SW	LITHONIA LIGHTING #DSXW1 LED-20C-530-40K-TFTM-MVOLT-DBLXD	WALL-MOUNTED AREA LUMINAIRE WITH 4000K COLOR TEMPERATURE, FORWARD THROW DISTRIBUTION, SURFACE MOUNTING BRACKET, & BLACK FINISH.	LED		4,366	35	SURFACE WALL	+15' ABOVE GRADE
						125 lmw		
S1	LITHONIA LIGHTING #DSX0 LED-P4-40K-T4M-MVOLT-SPA-DBLXD #SSS-25-5C-DM28AS-DBLXD	'SIZE 0' AREA LUMINAIRE WITH 4000K COLOR TEMPERATURE, TYPE 4 MEDIUM DISTRIBUTION, SQUARE POLE MOUNTING BRACKET, & BLACK FINISH. PROVIDE TWO FIXTURE HEADS PER POLE AND MATCHING 25' SQUARE STEEL POLE AS SPECIFIED.	LED		10,335	92	POLE	+28' ABOVE GRADE
						112 lmw		
S2	LITHONIA LIGHTING #DSX0 LED-P2-40K-T5M-MVOLT-SPA-DBLXD #SSS-25-5C-DM28AS-DBLXD	'SIZE 0' AREA LUMINAIRE WITH 4000K COLOR TEMPERATURE, TYPE 5 MEDIUM DISTRIBUTION, SQUARE POLE MOUNTING BRACKET, & BLACK FINISH. PROVIDE MATCHING 25' SQUARE STEEL POLE AS SPECIFIED.	LED		6,237	49	POLE	+28' ABOVE GRADE
						127 lmw		

NOTE: FIXTURE COLORS & FINISHES ARE TO BE APPROVED BY PROJECT MANAGER PRIOR TO ORDERING. FIXTURES MAY BE SUBSTITUTED FOR APPROVED EQUALS ON A ONE-FOR-ONE BASIS.

DEMAND LOAD SUMMARY - BUILDING SERVICE			
ELECTRICAL SERVICE - 813 W. NORTHERN LIGHTS BLVD ANCHORAGE AK - ML&P METER #336 422 830			
SERVICE CONFIGURATION: 600A, 277/480V, 3PH, 4W			
EXISTING DEMAND LOAD (PER NEC 220-87 FROM UTILITY DEMAND RECORDS)	155,400 W		
	172,667 VA		
TOTAL LOAD REMOVED	0 VA		
TOTAL LOAD ADDED	VA		
TOTAL NEW DEMAND LOAD	172,667 VA		
	208 AMPS		
	@277/480V, 3PH		
NOTE: BASED ON THE ABOVE INFORMATION, THE SERVICE CAPACITY IS ADEQUATE FOR BOTH EXISTING AND NEW LOADS.			

DEMAND LOAD SUMMARY - PANEL SDP			
PANEL CONFIGURATION: 150A, 277/480V, 3PH, 4W			
EXISTING DEMAND LOAD (PER NEC 220-87 FROM RECORDED DATA)	54,254 W		
	60,282 VA		
TOTAL LOAD REMOVED	0 VA		
TOTAL LOAD ADDED	50,000 VA		
TOTAL NEW DEMAND LOAD	110,282 VA		
	133 AMPS		
	@277/480V, 3PH		
NOTE: BASED ON THE ABOVE INFORMATION, THE EXISTING PANEL CAPACITY IS ADEQUATE FOR BOTH EXISTING AND NEW LOADS.			

EXISTING PANEL BL				VOLTAGE: 277/480V, 3PH, 4W			AMPERE RATING: 100 A			
MOUNTING: SURFACE				MAIN CIRCUIT BREAKER RATING: MLO			SHORT CIRCUIT CURRENT RATING (SCCR): A			
SUPPLIED FROM: MDP				PHASE A VA	PHASE B VA	PHASE C VA	LOAD DESCRIPTION	POLE	AMP	CKT
E	1	20	1				LIGHTING	1	20	2
E	3	20	1				LIGHTING	1	20	4
E	5	20	1				LIGHTING	1	20	6
E	7	20	2				SPARE		50	8
E	9	20	2				PANEL BP VIA 45kVA XFMR		70	14
E	11	20	1				SPARE	3		12
E	13	-	1				SPARE			16
R	15	20	1				EXISTING LOAD			18
R	17	20	2				LTG - MAIN PARKING LOT	3		20
R	19	-	1				SPACE	1	-	20
CONNECTED LOAD (VA)				0	0	0		0 VA		
CONNECTED LOAD (AMPERES)				0	0	0		0 A		
DEMAND LOAD (VA) *				0	0	0		0 VA		
DEMAND LOAD (AMPERES) *				0	0	0		0 A		

E - EXISTING CIRCUIT BREAKER & LOAD TO REMAIN, R - RECONFIGURED LOAD ON EXISTING CIRCUIT BREAKER, N - NEW CIRCUIT BREAKER & LOAD, S - NEW SPARE AS A RESULT OF THIS PROJECT
* - DEMAND LOAD ON PANELBOARD TO DECREASE AS A RESULT OF THIS PROJECT

EXISTING PANEL SDP				VOLTAGE: 277/480V, 3PH, 4W			AMPERE RATING: 150 A			
MOUNTING: SURFACE				MAIN CIRCUIT BREAKER RATING: MLO			SHORT CIRCUIT CURRENT RATING (SCCR): A			
SUPPLIED FROM: MDP				PHASE A VA	PHASE B VA	PHASE C VA	LOAD DESCRIPTION	POLE	AMP	CKT
E	1	60	3				PANEL X VIA 45kVA XFMR		20	2
E	3	70	3				RTU	3	50	8
E	7	70	3				COMPUTER ROOM PANEL		3	12
E	11	30	3				PRX IP-3 VIA 45kVA XFMR		100	14
E	13	30	3		16,667		EV STATION PARKING LOT		3	18
E	15	30	3			16,667	SPACE	1	-	20
E	17	50	3				SPACE	1	-	22
E	21	30	3				UPS	1	-	24
E	23	30	3				SPACE	1	-	26
E	25	-	1				SPACE	1	-	28
E	27	-	1				SPACE	1	-	30
E	29	-	1				SPACE	1	-	32
E	31	-	1				SPACE	1	-	34
E	33	-	1				SPACE	1	-	36
E	35	-	1				SPACE	1	-	38
E	37	-	1				SPACE	1	-	40
E	39	-	1				SPACE	1	-	42
E	41	-	1				SPACE	1	-	42
CONNECTED LOAD (VA)				16,667	16,667	16,667		50,000 VA		
CONNECTED LOAD (AMPERES)				60	60	60		60 A		
DEMAND LOAD (VA) *				36,761	36,761	36,761		110,282 VA		
DEMAND LOAD (AMPERES) *				133	133	133		133 A		

E - EXISTING CIRCUIT BREAKER & LOAD TO REMAIN, R - RECONFIGURED LOAD ON EXISTING CIRCUIT BREAKER, N - NEW CIRCUIT BREAKER & LOAD, S - NEW SPARE AS A RESULT OF THIS PROJECT
* - REFERENCE PANELBOARD DEMAND LOAD CALCULATION

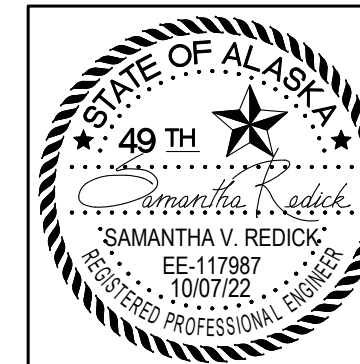
AIDEA PARKING LOT
 813 W NORTHERN LIGHTS BOULEVARD
 ANCHORAGE, ALASKA 99503

Revision Schedule		
No.	Description	Date

Drawn: SVR
 Reviewed: TCA
 Date: 2022-10-07
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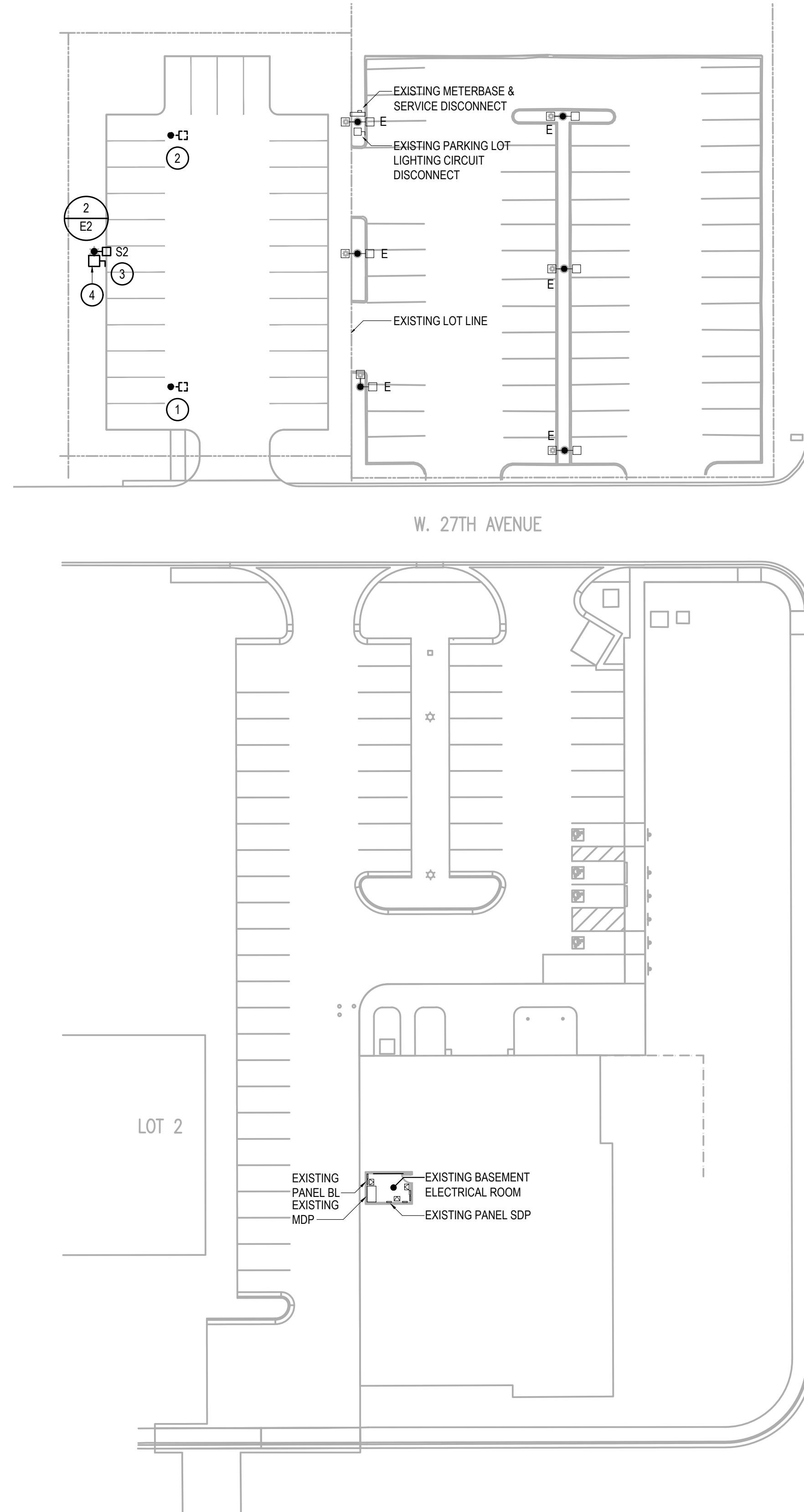
Sheet Contents
 PANEL & FIXTURE
 SCHEDULES

Drawing No.
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AIDEA PARKING LOT
 813 W NORTHERN LIGHTS BOULEVARD
 ANCHORAGE, ALASKA 99503



ADD. ALT. 1 GENERAL NOTES

1. MINIMUM BURIAL DEPTH OF LIGHTING AND POWER SYSTEM CONDUITS SHALL BE 24" MINIMUM UNLESS SPECIFICALLY NOTED OTHERWISE. REFERENCE ALSO CIVIL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL TRENCHING AND BACKFILL REQUIREMENTS.
2. MINIMUM BURIAL DEPTH OF TELECOMMUNICATIONS SYSTEM CONDUITS SHALL BE 36" MINIMUM UNLESS SPECIFICALLY NOTED OTHERWISE. REFERENCE ALSO CIVIL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL TRENCHING AND BACKFILL REQUIREMENTS.
3. ALL EXTERIOR FEEDER AND BRANCH CIRCUIT SHALL UTILIZE CONDUCTORS WITH TYPE XHHW INSULATION.
4. EXISTING PANEL & CIRCUITRY INFORMATION IS BASED ON A NON-DESTRUCTIVE WALK THROUGH OF THE FACILITY AND EXISTING PANEL SCHEDULES ONLY. CONTRACTOR IS TO VERIFY EXISTING CONDITIONS PRIOR TO THE START OF WORK.
5. CONTRACTOR TO UPDATE EXISTING PANEL SCHEDULES TO IDENTIFY REVISED LOADS AS A RESULT OF THIS PROJECT.
6. EQUIPMENT AND DEVICES NOTED 'E' ARE EXISTING TO REMAIN AND ARE SHOWN FOR INFORMATION ONLY. MAINTAIN EXISTING LOCATION, CIRCUITRY, & CONTROL UNLESS NOTED OTHERWISE.

ADD. ALT. 1 SHEET NOTES INDICATED BY: (#)

1. EXISTING LIGHTING POLE, FIXTURE, & BASE AT THIS LOCATION IS TO BE REMOVED. REMOVE ASSOCIATED BRANCH CIRCUIT WIRING BACK TO SOURCE PANEL OR EXISTING UPSTREAM DEVICE TO REMAIN.
2. EXISTING LIGHTING POLE, FIXTURE, & BASE AT THIS LOCATION IS TO BE REMOVED. RETAIN AND EXTEND EXISTING CONDUIT AND BRANCH CIRCUITRY AS REQUIRED TO SUPPLY NEW SITE LIGHTING FIXTURES.
3. DESIGN INTENT IS TO CAPTURE & REUSE EXISTING SITE LIGHTING BRANCH CIRCUITRY WITH A NET REDUCTION IN CIRCUIT LOAD. MAINTAIN PHOTOCELL CONTROL OF EXISTING SITE LIGHTING CIRCUIT.
4. PROVIDE WEATHERPROOF LOCKABLE MEANS OF DISCONNECT AT NEW LIGHTING POLE INDICATED.

EXTERIOR ILLUMINATION SUMMARY			
MINIMUM DESIGN REQUIREMENTS		DESIGNED PERFORMANCE LEVELS	
NORTH/WEST PARKING LOT			
MINIMUM ILLUMINATION LEVEL	0.2 FC	MINIMUM ILLUMINATION LEVEL	0.2 FC
AVERAGE ILLUMINATION LEVEL	0.4 FC	AVERAGE ILLUMINATION LEVEL	0.6 FC
UNIFORMITY RATIO (MAX:MIN)	20:1	UNIFORMITY RATIO (MAX:MIN)	8.0:1
UNIFORMITY RATION (AVG:MIN)	10:1	UNIFORMITY RATIO (AVG:MIN)	3.0:1
MOA TITLE 21 COMPLIANCE:			
1. SYSTEMS ARE DESIGNED TO MINIMIZE GLARE TO MOTORIST ON PUBLIC STREETS AND RESIDENTS OF ADJACENT PROPERTIES			
2. THIS DESIGN COMPLIES WITH THE CURRENT REQUIREMENTS OF TITLE 21 AND IESNA.			
ENGINEER SIGNATURE	<i>Samantha V. Redick</i>	DATE:	9/9/2022

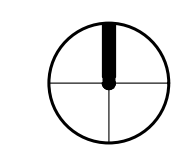
Revision Schedule		
No.	Description	Date

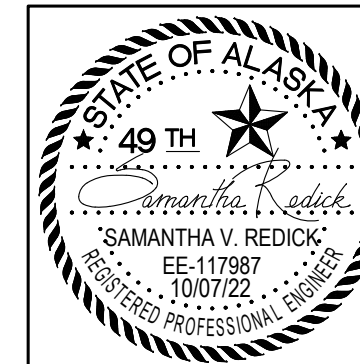
Drawn: SVR
 Reviewed: TCA
 Date: 2022-10-07
 Job No: 2022.102.1

Sheet Contents
 ADD. ALT. 1
 ELECTRICAL SITE PLAN

Drawing No.
EA4
 4 of 5E
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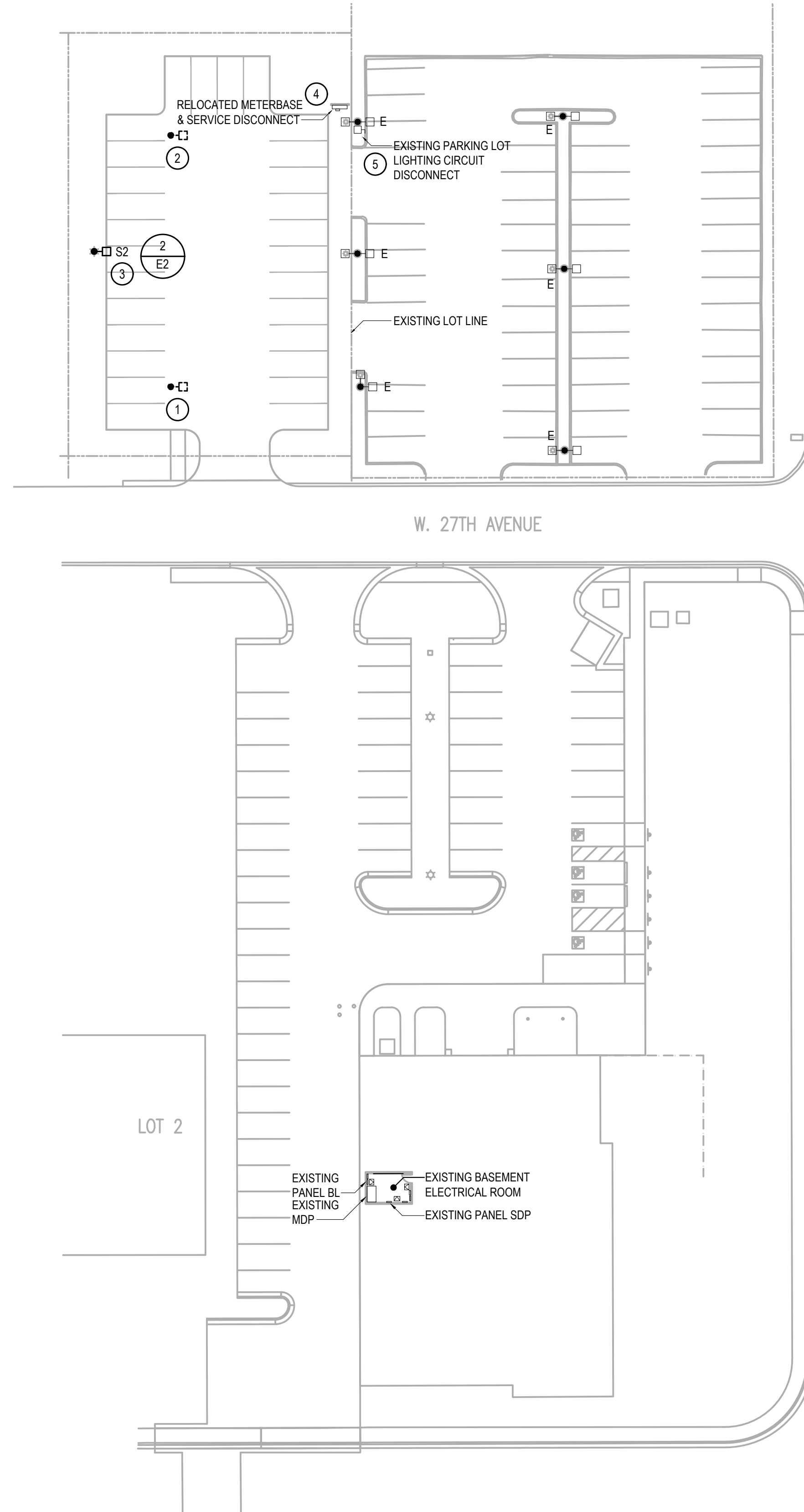
1 ADDITIVE ALTERNATE 1 - ELECTRICAL SITE PLAN
 SCALE: 1" = 30'-0"





T3 ALASKA LLC
 Mechanical & Electrical Engineering
 301 Calista Court, Suite 100
 Anchorage, AK 99518
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AIDEA PARKING LOT
 813 W NORTHERN LIGHTS BOULEVARD
 ANCHORAGE, ALASKA 99503



ADD. ALT. 2 GENERAL NOTES

1. MINIMUM BURIAL DEPTH OF LIGHTING AND POWER SYSTEM CONDUITS SHALL BE 24" MINIMUM UNLESS SPECIFICALLY NOTED OTHERWISE. REFERENCE ALSO CIVIL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL TRENCHING AND BACKFILL REQUIREMENTS.
2. MINIMUM BURIAL DEPTH OF TELECOMMUNICATIONS SYSTEM CONDUITS SHALL BE 36" MINIMUM UNLESS SPECIFICALLY NOTED OTHERWISE. REFERENCE ALSO CIVIL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL TRENCHING AND BACKFILL REQUIREMENTS.
3. ALL EXTERIOR FEEDER AND BRANCH CIRCUIT SHALL UTILIZE CONDUCTORS WITH TYPE XHHW INSULATION.
4. EXISTING PANEL & CIRCUITRY INFORMATION IS BASED ON A NON-DESTRUCTIVE WALK THROUGH OF THE FACILITY AND EXISTING PANEL SCHEDULES ONLY. CONTRACTOR IS TO VERIFY EXISTING CONDITIONS PRIOR TO THE START OF WORK.
5. CONTRACTOR TO UPDATE EXISTING PANEL SCHEDULES TO IDENTIFY REVISED LOADS AS A RESULT OF THIS PROJECT.
6. EQUIPMENT AND DEVICES NOTED 'E' ARE EXISTING TO REMAIN AND ARE SHOWN FOR INFORMATION ONLY. MAINTAIN EXISTING LOCATION, CIRCUITRY, & CONTROL UNLESS NOTED OTHERWISE.

ADD. ALT. 2 SHEET NOTES INDICATED BY: (#)

1. EXISTING LIGHTING POLE, FIXTURE, & BASE AT THIS LOCATION IS TO BE REMOVED. REMOVE ASSOCIATED BRANCH CIRCUIT WIRING BACK TO SOURCE PANEL OR EXISTING UPSTREAM DEVICE TO REMAIN.
2. EXISTING LIGHTING POLE, FIXTURE, & BASE AT THIS LOCATION IS TO BE REMOVED. RETAIN AND EXTEND EXISTING CONDUIT AND BRANCH CIRCUITRY AS REQUIRED TO SUPPLY NEW SITE LIGHTING FIXTURES.
3. DESIGN INTENT IS TO CAPTURE & REUSE EXISTING SITE LIGHTING BRANCH CIRCUITRY WITH A NET REDUCTION IN CIRCUIT LOAD. MAINTAIN PHOTOCELL CONTROL OF EXISTING SITE LIGHTING CIRCUIT.
4. DESIGN INTENT IS TO RELOCATE EXISTING POLE-MOUNTED METERBASE & MAIN DISCONNECT ENTIRELY ONTO NORTHWEST LOT. PROVIDE UNI-STRUT/POST MOUNTING AS REQUIRED.
5. EXISTING DISCONNECT TO CONTROL EXISTING LIGHTING FIXTURES ON NORTHEAST LOT ONLY, REVISE CONTROL AS REQUIRED.

EXTERIOR ILLUMINATION SUMMARY			
MINIMUM DESIGN REQUIREMENTS		DESIGNED PERFORMANCE LEVELS	
NORTH/WEST PARKING LOT			
MINIMUM ILLUMINATION LEVEL	0.2 FC	MINIMUM ILLUMINATION LEVEL	0.2 FC
AVERAGE ILLUMINATION LEVEL	0.4 FC	AVERAGE ILLUMINATION LEVEL	0.6 FC
UNIFORMITY RATIO (MAX:MIN)	20:1	UNIFORMITY RATIO (MAX:MIN)	8.0:1
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MOA TITLE 21 COMPLIANCE:			
1. SYSTEMS ARE DESIGNED TO MINIMIZE GLARE TO MOTORIST ON PUBLIC STREETS AND RESIDENTS OF ADJACENT PROPERTIES			
2. THIS DESIGN COMPLIES WITH THE CURRENT REQUIREMENTS OF TITLE 21 AND IESNA.			
ENGINEER SIGNATURE	<i>Samantha V. Redick</i>	DATE:	9/9/2022

Revision Schedule		
No.	Description	Date

Drawn: SVR
 Reviewed: TCA
 Date: 2022-10-07
 Job No: 2022.102.1

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 ADD. ALT. 2
 ELECTRICAL SITE PLAN

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1 ADDITIVE ALTERNATE 2 - ELECTRICAL SITE PLAN
 SCALE: 1" = 30'-0"

