

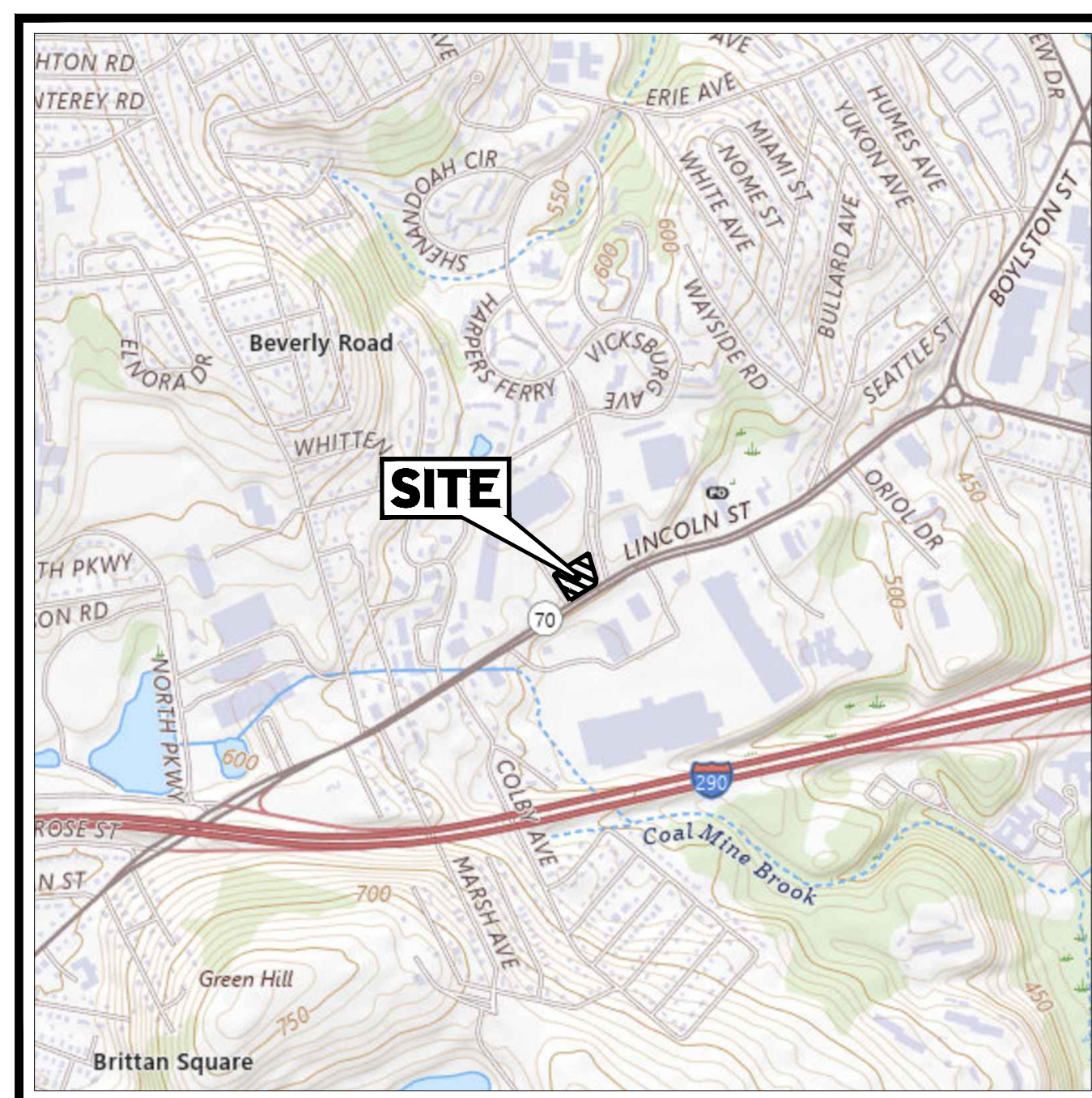
PROPOSED SITE DEVELOPMENT PLANS

FOR

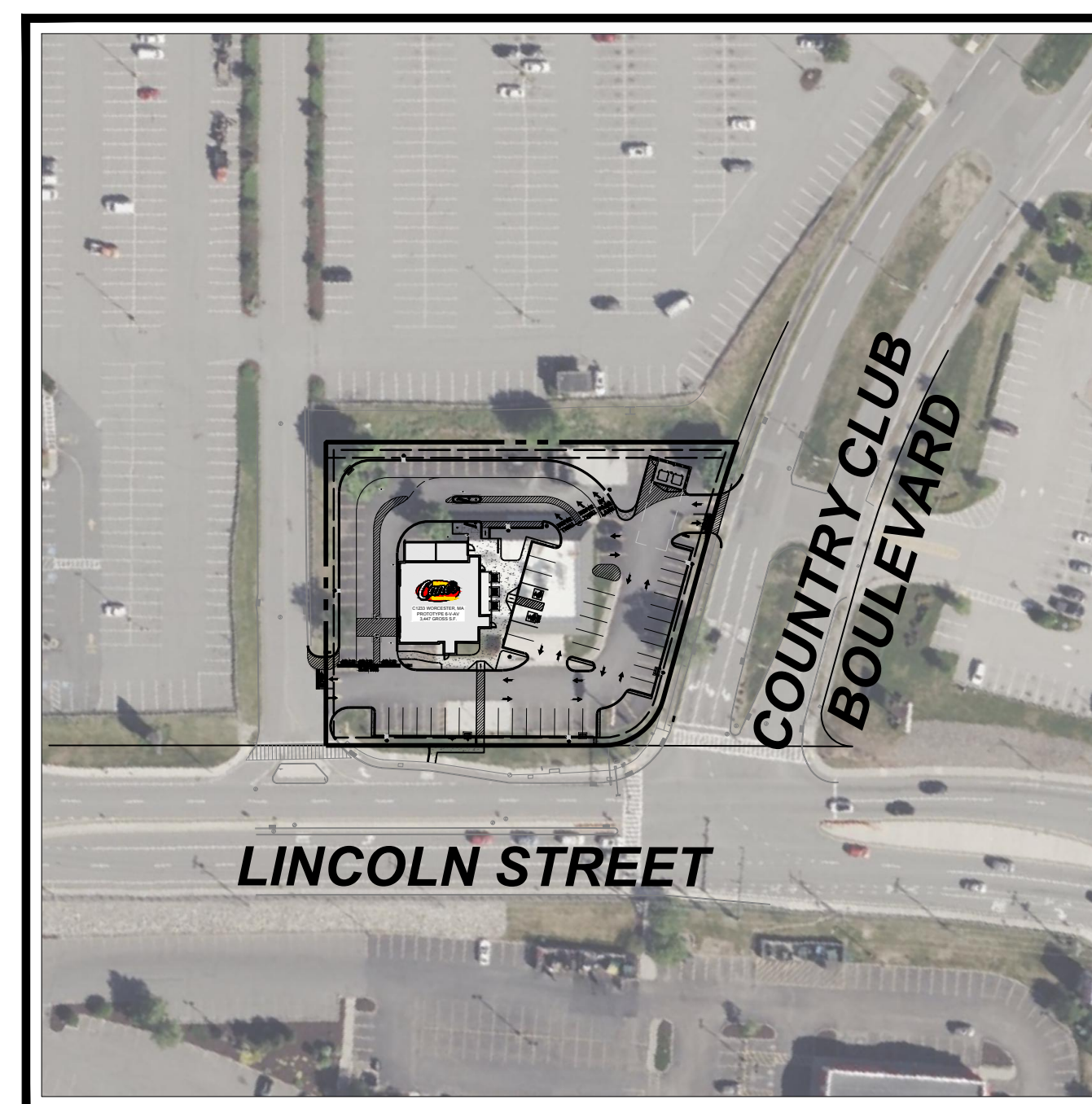


PROPOSED RESTAURANT W/ DRIVE-THRU

LOCATION OF SITE
494 LINCOLN STREET, CITY OF WORCESTER
WORCESTER COUNTY, MASSACHUSETTS
MAP 39, BLOCK 29, LOT 1C



USGS MAP
SCALE: 1" = 1,000'
SOURCE: WORCESTER NORTH USGS QUADRANGLE



AERIAL MAP
SCALE: 1" = 100'
SOURCE: GOOGLE EARTH

OWNER
COMMERCIAL NET LEASE REALTY, LP
450 S ORANGE AVE, SUITE 900
ORLANDO, FL 32801

DEVELOPER
RAISING CANE'S CHICKEN FINGERS
6800 BISHOP ROAD
PLANO, TX 75024
CONTACT: MICHELLE ROBINSON
(972)-768-3206

PREPARED BY

BOHLER //

REFERENCES AND CONTACTS

REFERENCES

- BOUNDARY & TOPOGRAPHIC SURVEY:
CONTROL POINT ASSOCIATES, INC.
352 TURNPIKE ROAD
SOUTHBOROUGH, MA 01772
DATED: 05/23/24
JOB #03-240145-00
ELEVATIONS: NAVD 1988
- GEOTECHNICAL REPORT:
TERRACON CONSULTANTS, INC.
77 SUNDIAL AVENUE, SUITE 401W
MANCHESTER, NH 05232/24
DATED: 07/26/24
JOB #024049-04
- PHOTOMETRIC SITE PLAN:
ADA ARCHITECTS
17710 DETROIT AVENUE
LAKEWOOD, OH 44107
DATED: 10/01/24

THE ABOVE REFERENCED DOCUMENTS ARE INCORPORATED BY REFERENCE AS PART OF THESE PLANS. HOWEVER, BOHLER ENGINEERING DOES NOT CERTIFY THE ACCURACY OF THE WORK REFERENCED OR DERIVED FROM THESE DOCUMENTS, BY OTHERS.

GENERAL NOTE:
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT. WORK SHOULD BE STOPPED IMMEDIATELY IN THE EVENT OF A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR APPLICABLE CODES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF THE WORK AS DEFINED BY THE DRAWINGS AND IN FULL CONFORMANCE WITH LOCAL, STATE AND FEDERAL CODES.



Restaurant Support Office
6800 Bishop Road, Plano, TX 75024
Tele: 972-769-3100 Fax: 972-769-3101

PROTOTYPE ISSUE DATE:

REVISIONS

REV	DATE	COMMENT	CHECKED BY
1	10/22/2024	REVISED PER CITY COMMENTS	CJP MMA
2	11/04/2024	REVISED PER CITY COMMENTS	CSE MMA



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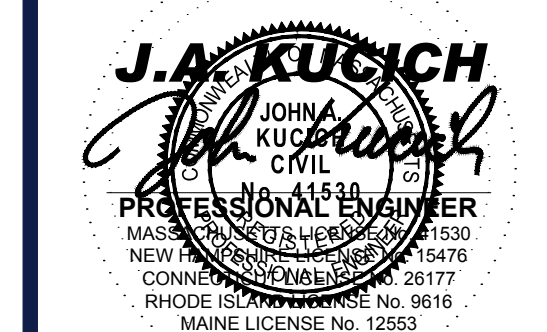
PROJECT No.: MAA240136.00
DRAWN BY: CJP
CHECKED BY: MMA
DATE: 10/02/2024
CAD ID: X-CIVL-TT16

SITE DEVELOPMENT PLANS

FOR
PROPOSED DEVELOPMENT
MAP: 39 | BLK: 29 | LOT: 1C
494 LINCOLN STREET
WORCESTER COUNTY
WORCESTER, MASSACHUSETTS

STORE:
PROTOTYPE 6-V-AV
RESTAURANT #RC1233

DESIGNER INFORMATION:
BOHLER //
352 TURNPIKE ROAD, 3rd FLOOR
SOUTHBOROUGH, MA 01772
Phone: (508) 480-9900
www.BohlerEngineering.com



SHEET TITLE:
COVER SHEET

SHEET NUMBER:
C-101

REVISION 2 - 11/04/2024



MAP 39
BLOCK 29
LOT 1C
N/F LANDS OF
COMMERCIAL NET
LEASE REALTY, LP,
BK. 40066, PG. 208.

MAP 39
BLOCK 29
LOT 1A
N/F LANDS OF
COUNTRY CLUB PLAZA
ASSOCIATES, LLC,
BK. 40930, PG. 26.

APPROX. LOC. OF
20' WIDE ELECTRIC EASEMENT
BK. 61253, PG. 188

SIGN SUMMARY TABLE			
TYPE	ALLOWED	EXISTING	PROPOSED (1)
BUILDING SIGNAGE			
	SOUTHEAST / FRONT ELEVATION	WALL SIGNS: 120.33 SF (2) WINDOW SIGNS: 199.18 SF (4)	SEE APPLICATION
SOUTHWEST / DRIVE THRU ELEVATION	WALL SIGNS: 58.42 SF (3)	SEE APPLICATION	"RAISING CANES" LOGO SIGN 24.14 SF PAINTED MURAL 24.22 SF TOTAL WALL SIGNS 86.56 SF (V)
NORTHWEST / REAR ELEVATION	60.17 SF (3)	SEE APPLICATION	"RAISING CANES" LOGO SIGN 24.14 SF
NORTHEAST / SIDE ENTRY ELEVATION	WALL SIGNS: 116.83 SF (2) WINDOW SIGNS: 154.07 SF (4)	SEE APPLICATION	"RAISING CANES" LOGO SIGN 24.14 SF RED DOOR ON SUBSTRATE 32.00 SF TOTAL WALL SIGNS 56.14 SF "CHICKEN FINGERS" NEON SIGN 3.00 SF
TOTAL BUILDING SIGNAGE	N/A	SEE APPLICATION	9 SIGNS @ ±336.12 SF
FREESTANDING SIGNAGE			
PYLON SIGN	64.00 SF	SEE APPLICATION	60.62 SF
DIRECTIONAL SIGN	N/A	SEE APPLICATION	TWO (2) SIGNS @ 6.00 SF EACH
OTHER SIGNAGE			
MENU BOARD SIGN (5)	24.00 SF	SEE APPLICATION	DRIVE-THRU MENU BOARD 21.19 SF PRE SELL BOARD 8.31 SF

- ALL SIGNS SHOW THE SMALLEST GEOMETRIC SHAPE(S) AROUND THE SIGN DISPLAY AREA
- PRIMARY WALL SIGNS - TWO (2) SF PER ONE (1) LF OF PRIMARY WALL LENGTH OR 25 SF, WHICHEVER IS GREATER
- SECONDARY WALL SIGNS - NOT TO EXCEED 0.5X PRIMARY WALL SF ALLOWANCE
- WINDOW SIGNS - 50% OF WINDOW AREA (INCLUDING GLASS DOORS)
- SUBJECT TO INSPECTION SERVICES REVIEW
- VARIANCE REQUESTED

ZONING TABLE

ZONE: BUSINESS, GENERAL (BG-4.0), WATER RESOURCE PROTECTION DISTRICT (GP-3)
USE: FOOD SERVICE (DRIVE-THRU)
MAP: 39 BLOCK: 29 LOT: 1C

APPLICANT/ OWNER INFORMATION

APPLICANT: RAISING CANES CHICKEN FINGERS
6800 BISHOP ROAD
PLANO, TX 75024

PROPERTY OWNER: COMMERCIAL NET LEASE REALTY, LP
450 S ORANGE AVE, SUITE 900
ORLANDO, FL 32801

BULK REQUIREMENTS

ITEM	CODE	PERMITTED	EXISTING	PROPOSED
MAX. FLOOR AREA RATIO	§ ART IV, SEC 4	4.0	±0.12	±0.06
MIN. FRONTAGE	§ ART IV, SEC 4	N/A	177.0' (LINCOLN) 223.5' (COUNTRY CLUB)	NO CHANGE
MIN. FRONT SETBACK	§ ART IV, SEC 4	N/A	N/A	N/A
MIN. SIDE SETBACK	§ ART IV, SEC 4	N/A	N/A	N/A
MIN. REAR SETBACK	§ ART IV, SEC 4	10.0'	56.2'	63.5'
MAX PERMITTED HEIGHT	§ ART IV, SEC 4	150.0'	< 150.0'	< 150.0'
MAX LOT COVERAGE	§ ART IV, SEC 4	N/A	82.9%	78.5%

PARKING REQUIREMENTS

ITEM	CODE	PERMITTED	EXISTING	PROPOSED
MIN LANDSCAPE BUFFER	§ TBL 4.4, NOTE 5.A.II	5.0'	4.2' (E)	5.0'
MIN NUMBER OF STALLS	§ TBL 4.4	40	61	40
MIN NUMBER OF ACCESSIBLE STALLS	§ 521 CMR	2	2	2
MAX NUMBER OF COMPACT STALLS	§ TBL 4.4, NOTE 3.B	25%	0%	30%
PARKING STALL CRITERIA STANDARD: 9 FT X 18 FT COMPACT: 9 FT X 16 FT	USE/CATEGORY: FAST FOOD / DRIVE-THRU REQUIRED PARKING: ONE (1) PER TWO (2) BUILDING OCCUPANTS + ONE (1) PER 60 SF DRIVE-THRU AREA CALCULATION: (1 SPACE/2 BUILDING OCCUPANTS) X (76 BUILDING OCCUPANTS) = 37.5 SPACES (1 SPACE/60 SF DRIVE-THRU AREA) X (81 SF DRIVE-THRU AREA) = 2.0 SPACES 39.5 SPACES			
ACCESSIBLE PARKING CRITERIA STANDARD: 9 FT X 18 FT STALL (MIN.) 5 FT X 18 FT AISLE (MIN.) VAN: 8 FT X 18 FT STALL (MIN.) 8 FT X 18 FT AISLE (MIN.)	26-50 REQUIRED SPACES = 2 MIN. ACCESSIBLE SPACE 1 ACCESSIBLE VAN SPACE PER 6 STANDARDS ACCESSIBLE SPACES (MIN.)			

KEY * SPECIAL PERMIT REQUIRED
(E) - EXISTING
(N/A) - NOT APPLICABLE

PAVEMENT LEGEND

- V.1 STANDARD DUTY ASPHALT PAVEMENT REFERENCE PAVEMENT DETAILS
- V.2 HEAVY DUTY ASPHALT PAVEMENT REFERENCE PAVEMENT DETAILS
- V.3 MEDIUM DUTY CONCRETE PAVEMENT INTEGRAL COLOR 800 GRAPHIC (IRON OXIDE) REFERENCE PAVEMENT DETAILS
- V.4 HEAVY DUTY CONCRETE PAVEMENT (DUMPSTER ENCLOSURE) REFER TO CONSTRUCTION DETAILS
- J PROPOSED CONCRETE SIDEWALK PAVEMENT. REFER TO CONSTRUCTION DETAILS.
- Z5 PROPOSED MOUNTABLE CONCRETE ISLAND. REFER TO CONSTRUCTION DETAILS.

LEGEND

- (A) PROP. PRECAST CONCRETE CURB (REFER TO SHEET C-901 FOR DETAIL).
- (A1) PROP. PRECAST CONCRETE TRANSITION CURB (REFER TO SHEET C-901 FOR DETAIL).
- (B) PROP. VERTICAL GRANITE CURB (REFER TO SHEET C-901 FOR DETAIL).
- (B2) PROP. GRANITE TRANSITION CURB (REFER TO SHEET C-901 FOR DETAIL).
- (C) PROP. MONOLITHIC CONCRETE CURB (REFER TO CONCRETE SIDEWALK AND LANDSCAPE PROTECTION STRIP DETAIL ON SHEET C-901).
- (D) PROP. RECYCLING / TRASH DUMPSTER LOCATION (REFER TO ARCH PLANS FOR DETAILS OF SCREENING, GATES, BOLLARDS AND FINISHES).
- (E) PROP. STOP BAR AND "STOP" PAVEMENT MARKING (REFER TO SHEET C-901 FOR DETAIL).
- (F) PROP. "DO NOT ENTER" PAVEMENT MARKINGS
- (G) PROP. DIRECTIONAL PAVEMENT MARKING (REFER TO SHEET C-903 FOR DETAIL).
- (H) PROP. LIMIT OF WORK LINE
- (H2) PROP. LIMIT OF PAVEMENT SAWCUT LINE
- (I) PROP. STOP AND DO NOT ENTER SIGN (REFER TO SHEET C-901 FOR DETAIL).
- (J) PROP. CONCRETE SIDEWALK (REFER TO SHEET C-901 FOR DETAIL).
- (K) PROP. CONCRETE LANDSCAPE PROTECTION STRIP (REFER TO SHEET C-902 FOR DETAIL).
- (L) PROP. LOCATION OF EV READY PARKING SPACE AND ASSOCIATED EQUIPMENT. REFER TO UTILITY PLAN (SHEET C-501).
- (L2) PROP. EV ONLY PARKING SIGN (REFER TO SHEET C-901 FOR DETAIL).
- (L3) PROP. LOCATION OF FUTURE EV PARKING SPACE AND ASSOCIATED EQUIPMENT. REFER TO UTILITY PLAN (SHEET C-501).
- (M) PROP. LANDSCAPE AREA. (REFER TO SHEET L-101 FOR DETAILS).
- (N) PROP. SITE LIGHTING. REFER TO LIGHTING PLANS BY OTHERS FOR DETAILS.
- (O) PROP. ACCESSIBLE PARKING SIGN IN BOLLARD (REFER TO SHEET C-901 FOR DETAIL).
- (P) PROP. VAN ACCESSIBLE PARKING SIGN IN BOLLARD (REFER TO SHEET C-901 FOR DETAIL).
- (Q) PROP. CONCRETE PATIO WITH CANOPY AND OUTDOOR SEATING (REFER TO ARCH PLANS FOR DETAILS).
- (R) PROP. DRIVE-THRU ORDER BOARD, PRE-ORDER OR HEIGHT DETECTOR (REFER TO ARCH PLANS FOR DETAILS).
- (S) PROP. ORDER BOARD CANOPY (REFER TO ARCH PLANS FOR DETAILS).
- (T) PROP. PICKUP CANOPY (REFER TO ARCH PLANS FOR DETAILS).
- (U) PROP. ACCESSIBLE PARKING SPACES AND STRIPING (REFER TO SHEET C-901 FOR DETAIL).
- (V) PROP. PAVEMENT STRIPING (REFER TO ARCH PLANS FOR DETAILS).
- (W) PROP. STOP SIGN (REFER TO SHEET C-901 FOR DETAIL).
- (X) PROP. MOBILE ORDER PICK-UP PARKING SPACES (TYP. OF 2)
- (Y) PROP. MOBILE ORDER PICK-UP SIGNS IN BOLLARD (TYP. OF 2). REFER TO SHEET C-902 FOR DETAIL.
- (Y2) EXIST. DIRECTIONAL SIGN RE-USED FOR PROP. DIRECTIONAL SIGN (REFER TO RAISING CANES BRAND BOOK FOR DETAILS).
- (Z) PROP. DIRECTIONAL SIGN (REFER TO RAISING CANES BRAND BOOK FOR DETAILS).
- (Z3) EXIST. PYLON SIGN RE-USED FOR PROP. INTERNALLY ILLUMINATED PYLON SIGN (REFER TO RAISING CANES BRAND BOOK FOR DETAILS).
- (Z5) PROP. BIKE RACKS
- (Z6) (NOT USED)
- (Z7) PROP. SNOW STORAGE AREA
- (Z8) PROP. MOUNTABLE CONCRETE ISLAND (REFER TO SHEET C-902 FOR DETAIL).
- (Z9) PROP. DRIVE-THRU MEDIAN ISLAND PAVERS (REFER TO SHEET C-903 FOR DETAIL).
- (Z10) PROP. RIP RAP SWALE (REFER TO SHEET C-401 AND C-903 FOR DETAILS).



Restaurant Support Office
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Tele: 972-769-3100 Fax: 972-769-3101

PROTOTYPE ISSUE DATE:

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PROJECT No.: MAA240136.00
DRAWN BY: CJP
CHECKED BY: MMA
DATE: 10/23/2024
CAD LID: X-CIVL-TTLB

SITE DEVELOPMENT PLANS

FOR
PROPOSED DEVELOPMENT
MAP: 39 | BLK: 29 | LOT: 1C
494 LINCOLN STREET
WORCESTER COUNTY
WORCESTER, MASSACHUSETTS

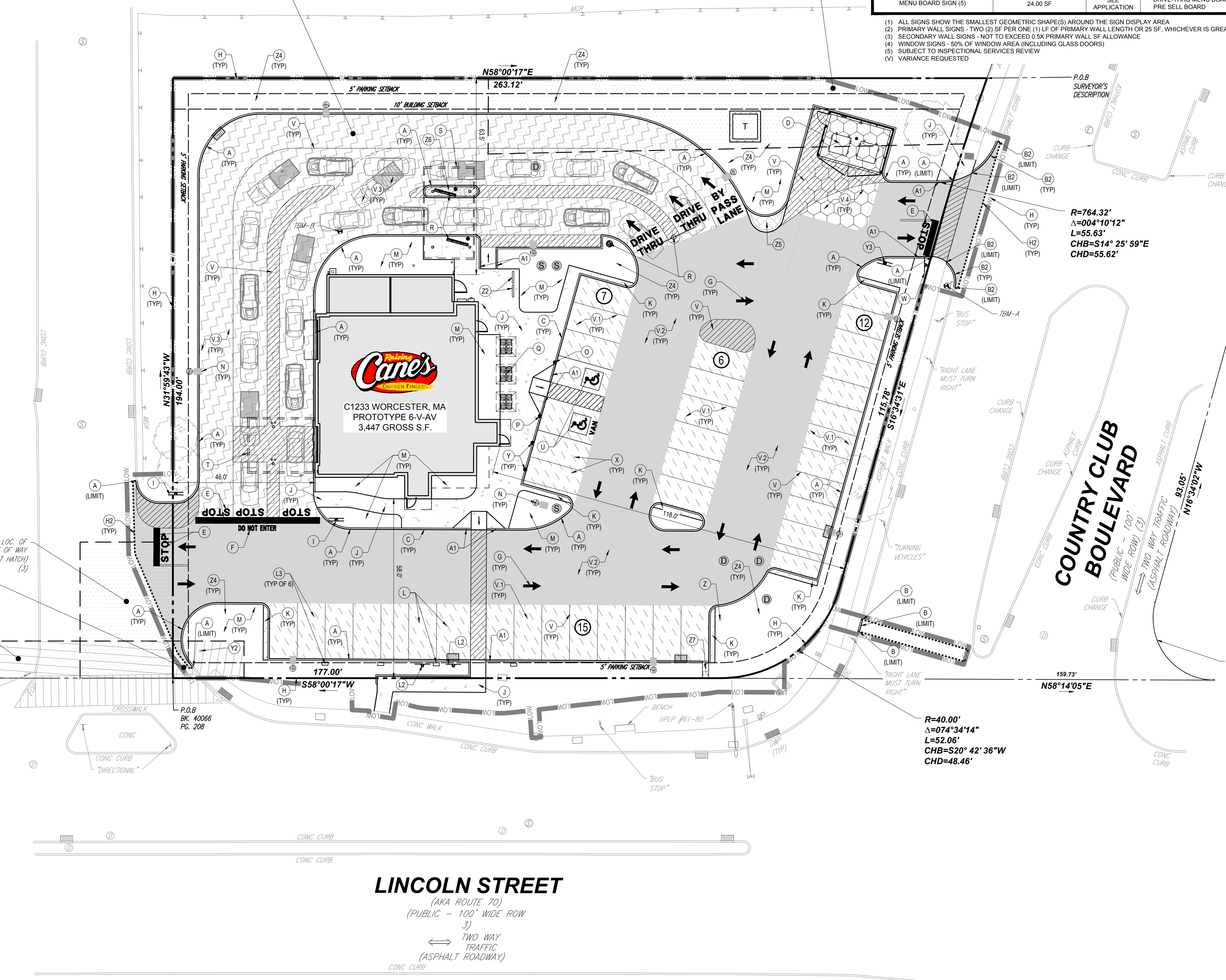
STORE:
PROTOTYPE 6-V-AV
RESTAURANT #RC1233

DESIGNER INFORMATION:
BOHLER
352 TURNPIKE ROAD, 3rd FLOOR
SOUTHBOROUGH, MA 01772
Phone: (508) 480-9900
www.BohlerEngineering.com

J.A. KUCICH
JOHN A. KUCICH
CIVIL
PROFESSIONAL ENGINEER
MASS. REG. NO. 11530
NEW HAVEN, CT 06511
CONV. NO. 15476
RHODE ISLAND LICENSE NO. 0616
MAINE LICENSE NO. 12553

SITE PLAN

SHEET NUMBER:
C-301
REVISION 2 - 11/04/2024



MAP 39
BLOCK 29
LOT 1A
N/F LANDS OF
COUNTRY CLUB PLAZA
ASSOCIATES, LLC,
BK. 40930, PG. 26.

APPROX. LOC. OF
RIGHT OF WAY
(DOT HATCH) (3)

APPROX. LOC. OF
PARCEL 01-1E-13
(CROSS HATCH) (3)

APPROX. LOC. OF
PARCEL 01-1E-12
(CROSS HATCH) (3)

LINCOLN STREET

(AKA ROUTE 70)
(PUBLIC - 100' WIDE ROW)
3)
TWO WAY TRAFFIC
(ASPHALT ROADWAY)

MAINTENANCE OF A CLEAR SIGHT LINE IS THE RESPONSIBILITY OF THE PROPERTY OWNER

THIS PLAN TO BE UTILIZED FOR SITE LAYOUT PURPOSES ONLY



I:\BOHLER\NET\SHARED\MAA\PROJECTS\2024\MAA240136.00\CAD\DRAWINGS\PLAN SETS\NET\SITE PLAN\BP-CIVL-SITE-MAA240136.00-10-1-24\JOBOUT-C-301 SITE



MAP 39
BLOCK 29
LOT 1C
N/F LANDS OF
COMMERCIAL NET
LEASE REALTY, LP,
BK. 40066, PG. 208.

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N/F LANDS OF
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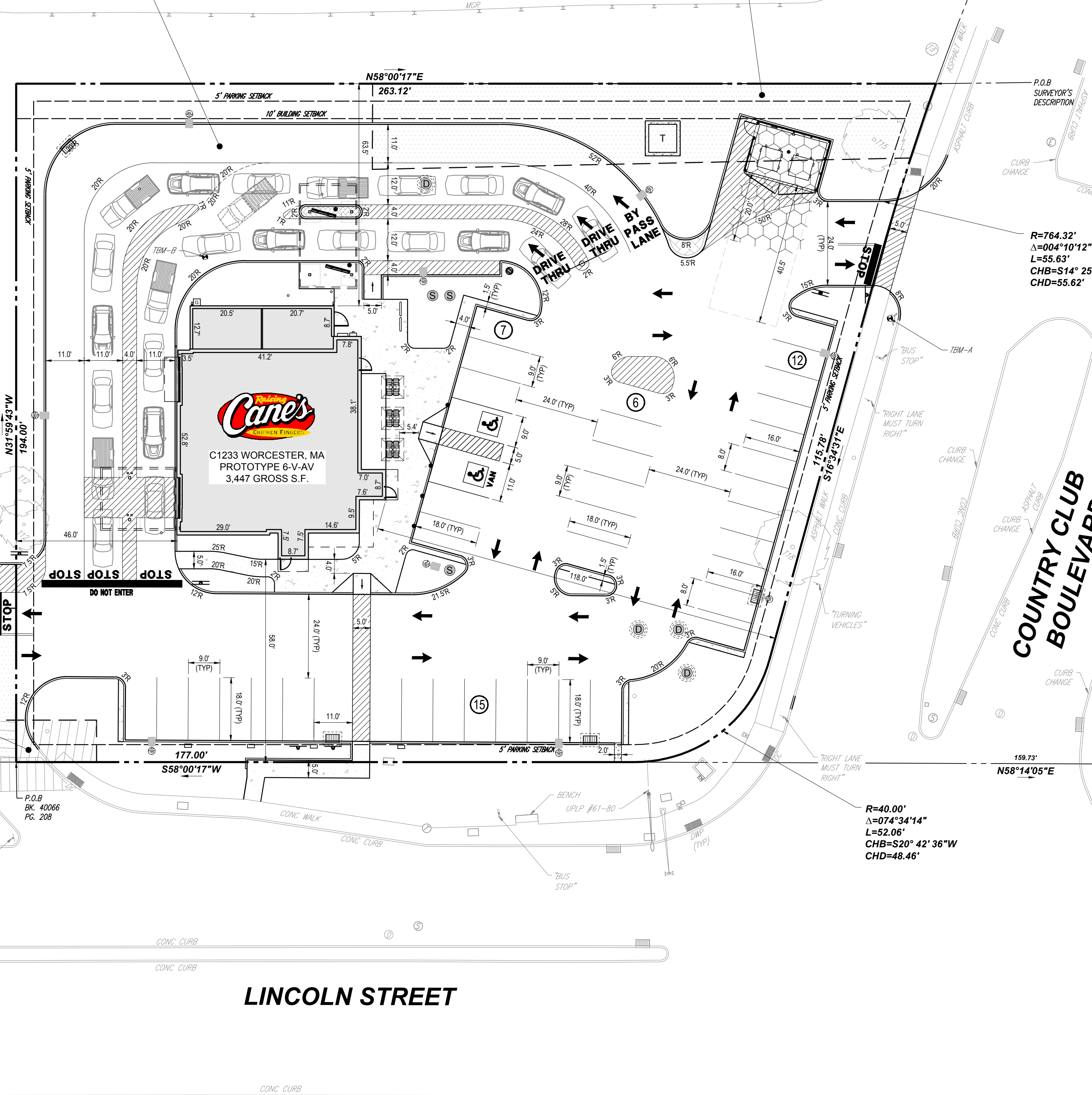
APPROX. LOC. OF
20' WIDE ELECTRIC EASEMENT
BK. 61053, PG. 188

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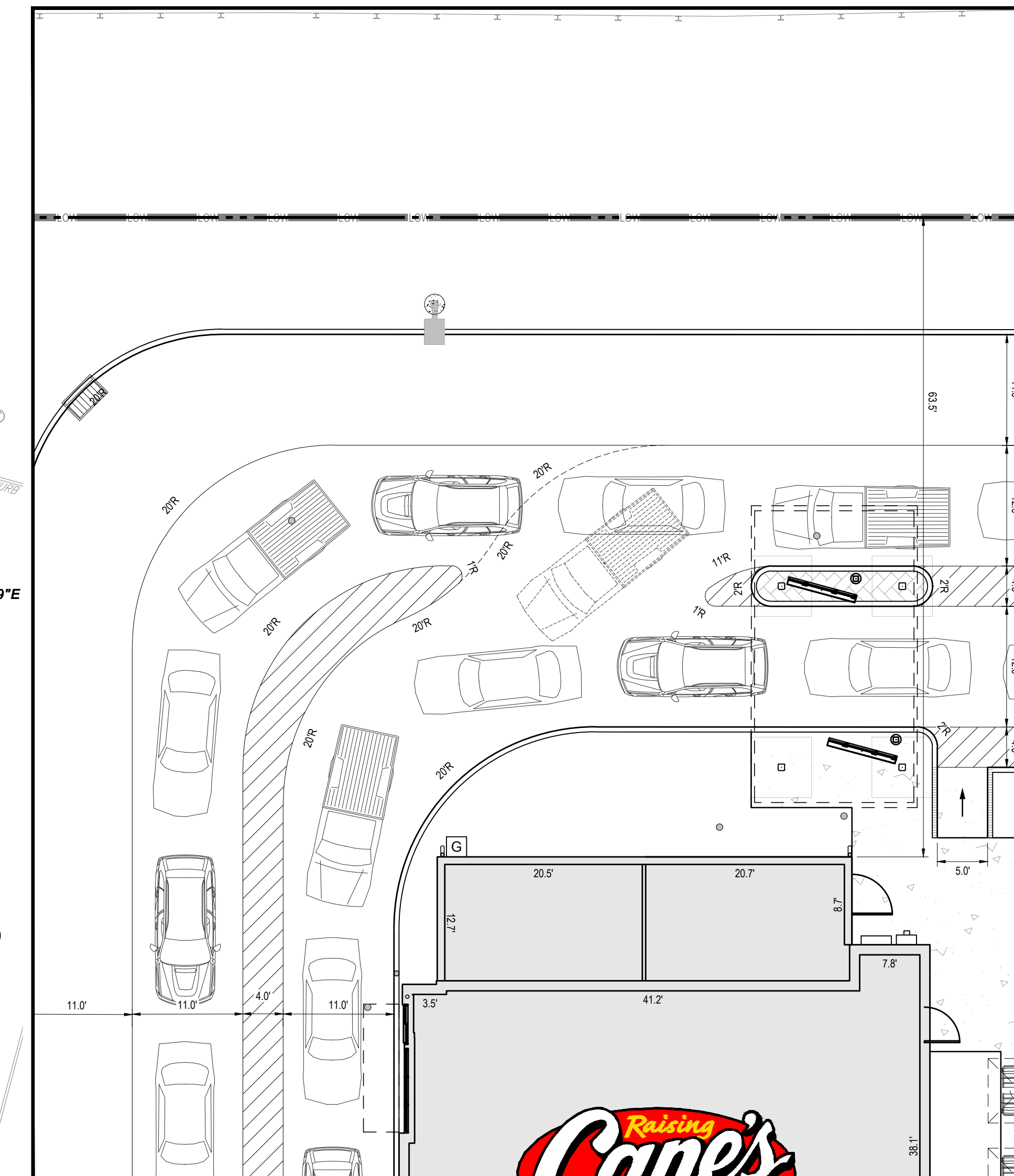


DIMENSION NOTES

1. ALL CURB RADI ARE TO BE 10' AND 2' UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
3. ALL CURBS SHALL BE 6" STANDARD EXCEPT WHERE OTHERWISE NOTED ON PLANS.
4. REFERENCE LANDSCAPE PLANS FOR PROPOSED BUFFERS, SCREENING AND PLANTING.

LEGEND

- — — — — PROPERTY LINE
- - - - - EXISTING EASEMENT
- - - - - PROPOSED EASEMENT
- — — — — PROPOSED CONCRETE CURB
- — — — — EXISTING CURB
- ⊙ PROPOSED PARKING COUNT



DRIVE-THRU DIMENSION INSET

SCALE: 1"=10'
REFERENCE ARCHITECTURAL PLANS FOR DETAILS AND EXACT LOCATION OF MENU BOARD, HEIGHT DETECTOR AND PRE-ORDER BOARD

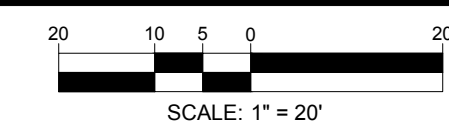
R=20.00'
Δ=103°49'12"
L=36.24'
CHB=N69°51'19"W
CHD=31.48'

R=40.00'
Δ=074°34'14"
L=52.06'
CHB=S20°42'36"W
CHD=48.46'

R=764.32'
Δ=004°10'12"
L=55.63'
CHB=S14°25'59"E
CHD=55.62'

MAINTENANCE OF A CLEAR SIGHT LINE IS THE RESPONSIBILITY OF THE PROPERTY OWNER

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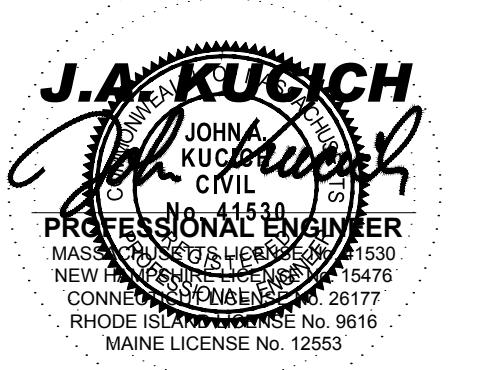
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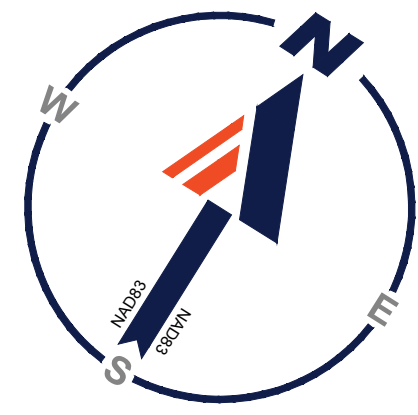


DIMENSION CONTROL PLAN

SHEET NUMBER:
C-302

REVISION 2 - 11/04/2024

I:\BOHLER\NET\SHARES\MAA\PROJECTS\2024\MAA240136_00\CAD\DRAWINGS\PLAN SETS\CIVIL SITE PLANS\CIVIL SITE MAA240136_00_00--LAYOUT--C-302.DWG



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COMMERCIAL NET
LEASE REALTY, LP,
BK. 40066, PG. 208.

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ASSOCIATES, LLC,
BK. 40930, PG. 26.

APPROX. LOC. OF
20' WIDE ELECTRIC EASEMENT
BK. 61053, PG. 188

LEGEND	
PROPOSED	
UTILITY POLE	—●—
SANITARY LATERAL	—S—
SANITARY MAIN	—S—
WATER LINE	—W—
ELECTRIC LINE	—E—
GAS LINE	—G—
OVERHEAD WIRE	—OW—
STORM SEWER	—SS—
HYDRANT	—H—
SANITARY MANHOLE	—SM—
STORM MANHOLE	—SM—
WATER VALVE	—V—
WATER METER	—WM—
GAS VALVE	—GV—
TYPICAL END SECTION	—E—
ENDWALL	—EW—
GRATE INLET	—GI—
CURB INLET	—CI—
CLEANOUT	—CO—



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UTILITY KEYNOTE LEGEND	
(A)	INSTALL 4" PVC CONDUIT FOR TELEPHONE AND 3" PVC CONDUIT FOR INTERNET.
(B)	PROP. TELEPHONE AND INTERNET ENTRY. REFERENCE ARCHITECTURAL PLANS FOR CONTINUATION.
(C)	PROP. TRANSFORMER MOUNTED ON CONCRETE PAD. GC TO COORDINATE BOLLARD PROTECTION AND INSTALLATION WITH UTILITY PROVIDER. REFERENCE TO MEP PLANS FOR CONTINUATION.
(D)	PROP. ELECTRIC SERVICE ENTRY WITH METER. REFERENCE ARCHITECTURAL / MEP PLANS FOR CONTINUATION.
(E)	PROP. ELECTRIC SWITCHGEAR. REFERENCE ARCHITECTURAL / MEP PLANS.
(F)	PROP. GAS SERVICE LINE. REFER TO MEP FOR SIZE.
(G)	APPROX. LOCATION OF PROP. GAS METER. REFER TO MEP PLANS FOR CONTINUATION.
(H)	PROP. GAS ENTRY. REFERENCE PLUMBING PLANS FOR CONTINUATION.
(I)	PROP. 6" SDR-35 SANITARY SEWER PIPE
(J)	PROP. 4" CAST IRON PIPE FOR FIRST 10' FROM BUILDING
(K)	PROP. 6" CAST IRON PIPE FOR FIRST 10' FROM BUILDING
(L)	PROP. THRUST BLOCK. REFER TO SHEET C-903 FOR DETAIL.
(M)	APPROX. LOCATION OF EXISTING 6" WATER SERVICE. FINAL LOCATION TO BE CONFIRMED PRIOR TO CONSTRUCTION. GC TO COORDINATE WITH UTILITY PROVIDER.
(N)	TWO (2) PROP. 1" COPPER DOMESTIC WATER LINES (HOT & COLD) CONNECTING TO TRASH ENCLOSURE
(P)	PROP. 6" DIA. CLDI WATER SERVICE.
(Q)	PROP. 2" DIA. TYPE K COPPER WATER SERVICE
(R)	PROP. 6" WATER ENTRY WITH CURB STOP. REFERENCE MEP PLANS FOR CONTINUATION.
(S)	PROP. 2" DOMESTIC WATER ENTRY WITH CURB STOP. REFERENCE MEP PLANS FOR CONTINUATION.
(T)	PROP. WATER SHUT-OFF VALVE
(U)	PROP. FIRE DEPARTMENT WATER SERVICE CONNECTION. REFERENCE MEP PLANS FOR CONTINUATION.
(V)	APPROX. LOCATION OF 3" VENT LINE TO GREASE TRAP. REFERENCE MEP PLANS FOR CONTINUATION.
(W)	PROP. CONCRETE ENCASING. REFER TO SHEET C-903 FOR DETAIL.
(X)	APPROX. LOCATION OF EXISTING GAS SERVICE. FINAL LOCATION TO BE CONFIRMED PRIOR TO CONSTRUCTION. GC TO COORDINATE WITH UTILITY PROVIDER.
(Y)	PROP. AREA DRAIN. REFERENCE ARCHITECTURAL / MEP PLANS.
(Z)	PROP. ELECTRIC SERVICE FOR EV CHARGING STATIONS. REFERENCE MEP PLANS FOR CONTINUATION.
(Z1)	PROP. FUTURE ELECTRIC SERVICE FOR EV CHARGING STATIONS. REFERENCE MEP PLANS FOR CONTINUATION.

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ENTITLEMENT SET

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PROJECT No.: MAA240136.00
DRAWN BY: CJP
CHECKED BY: MMA
DATE: 10/03/2024
CAD ID: X-CIVL-TTLE

SITE DEVELOPMENT PLANS

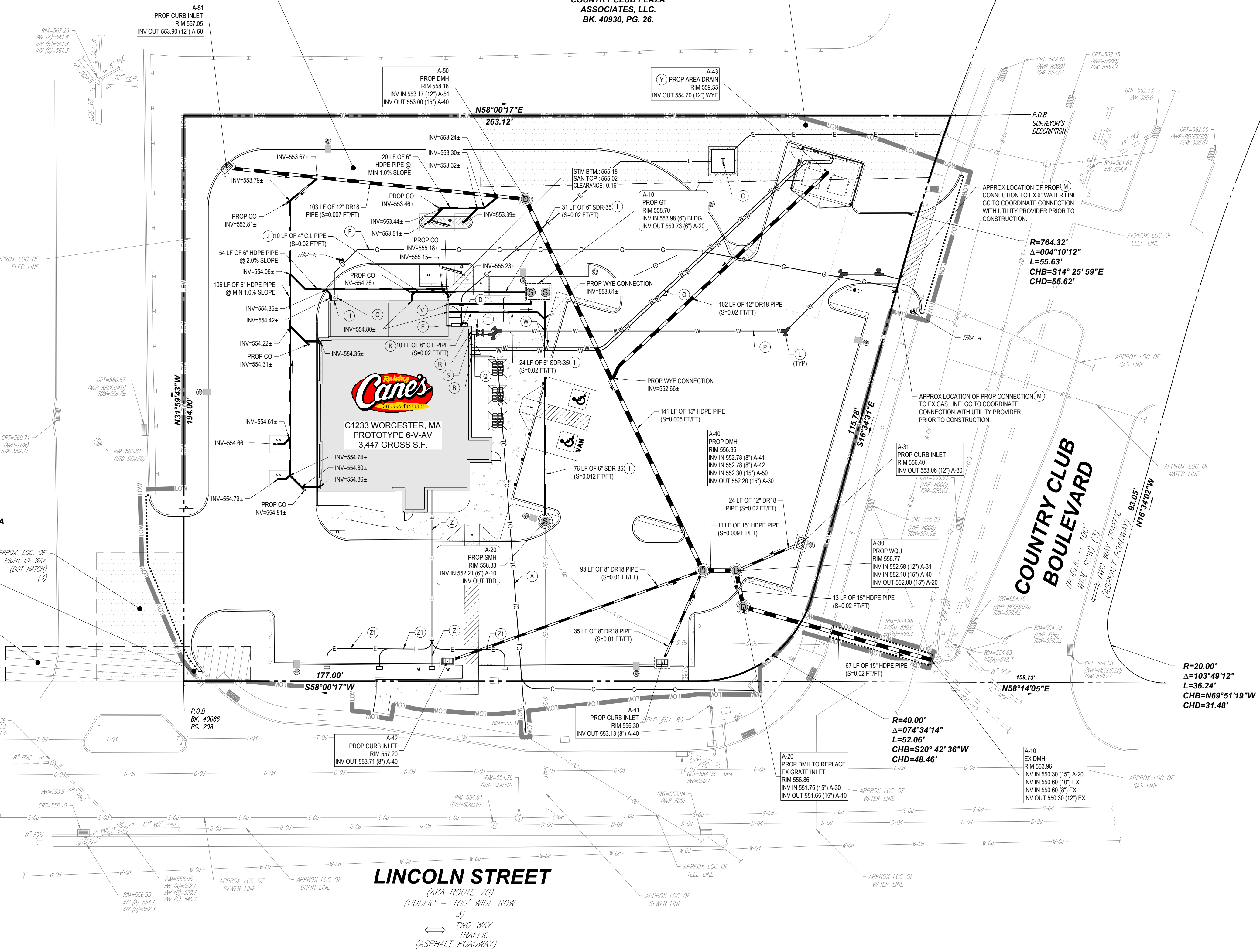
FOR
PROPOSED DEVELOPMENT
MAP: 39 | BLK: 29 | LOT: 1C
494 LINCOLN STREET
WORCESTER COUNTY
WORCESTER, MASSACHUSETTS

STORE:
PROTOTYPE 6-V-AV
RESTAURANT #RC1233

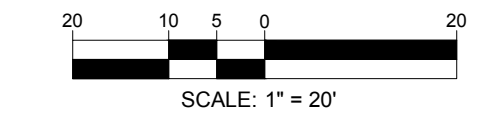
DESIGNER INFORMATION:
BOHLER
352 TURNPIKE ROAD, 3rd FLOOR
SOUTHBOROUGH, MA 01772
Phone: (508) 480-9900
www.BohlerEngineering.com

J.A. KUCICH
JOHN A. KUCICH
CIVIL
PROFESSIONAL ENGINEER
MASS. REG. NO. 11630
NEW HAMPSHIRE REG. NO. 15476
CONNECTICUT REG. NO. 98177
RHODE ISLAND REG. NO. 0616
MAINE LICENSE NO. 12553

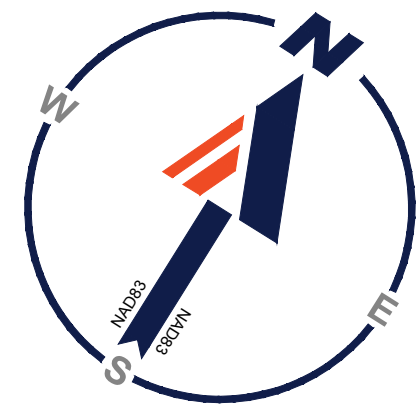
SHEET TITLE:
UTILITY & DRAINAGE PLAN
SHEET NUMBER:
C-501
REVISION 2 - 11/04/2024



THIS PLAN TO BE UTILIZED FOR UTILITIES PURPOSES ONLY



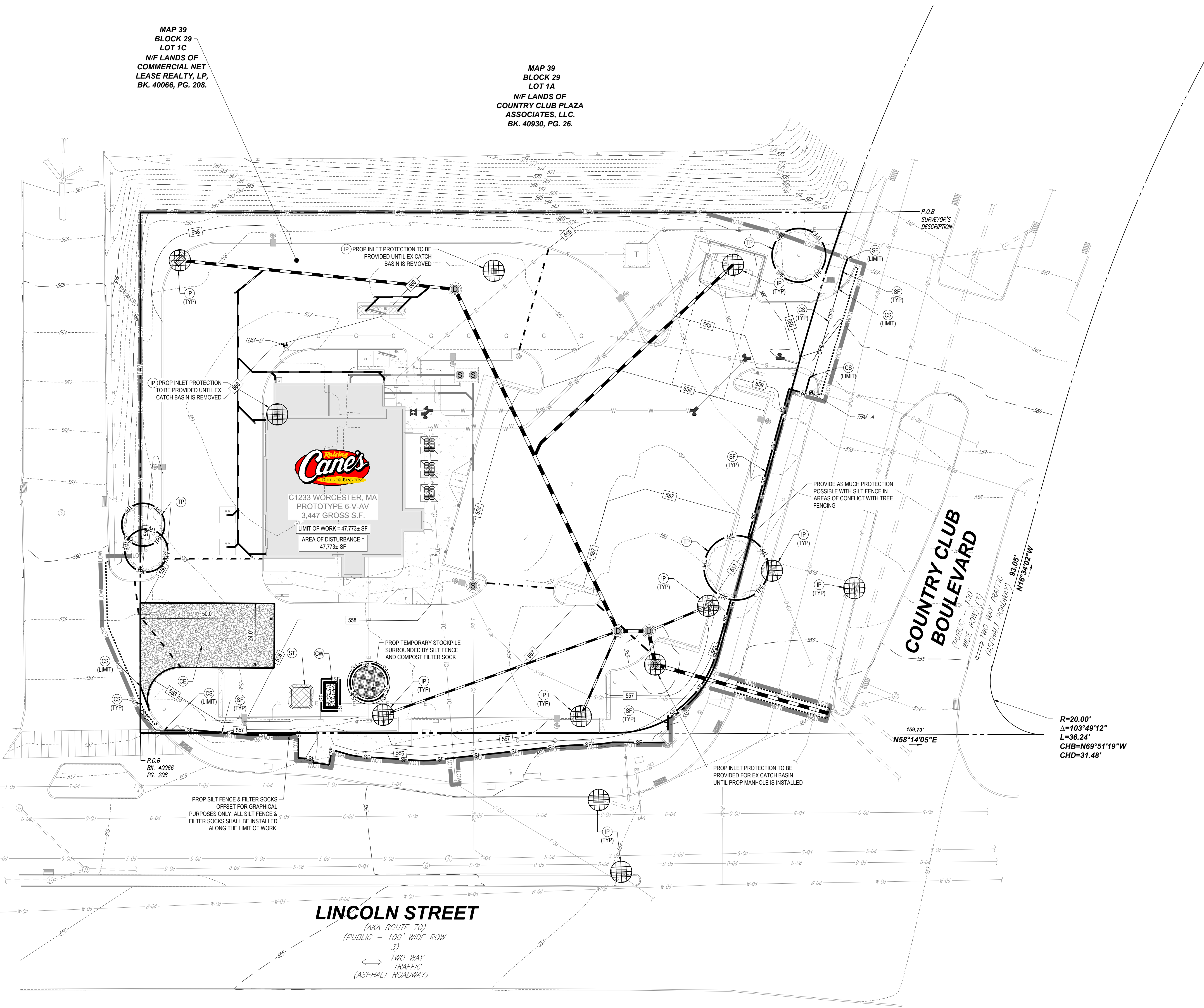
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MAP 39
BLOCK 29
LOT 1C
N/F LANDS OF
COMMERCIAL NET
LEASE REALTY, LP,
BK. 40066, PG. 208.

MAP 39
BLOCK 29
LOT 1A
N/F LANDS OF
COUNTRY CLUB PLAZA
ASSOCIATES, LLC.
BK. 40930, PG. 26.

MAP 39
BLOCK 29
LOT 1A
N/F LANDS OF
COUNTRY CLUB PLAZA
ASSOCIATES, LLC.
BK. 40930, PG. 26.



LINCOLN STREET
(AKA ROUTE 70)
(PUBLIC - 100' WIDE ROW
3)
TWO WAY
TRAFFIC
(ASPHALT ROADWAY)

COUNTRY CLUB BOULEVARD
(PUBLIC - 100'
WIDE ROW) (CS)
TWO WAY TRAFFIC
(ASPHALT ROADWAY)

Cane's
C1233 WORCESTER, MA
PROTOTYPE 6-V-AV
3,447 GROSS S.F.
LIMIT OF WORK = 47,773± SF
AREA OF DISTURBANCE =
47,773± SF

LEGEND

- PROPERTY LINE
- - - - - EXISTING CONTOUR
- APPROXIMATE LIMIT OF DISTURBANCE
- SF SILT FENCE
- CFS COMPOST FILTER SOCK
- CE CONSTRUCTION ENTRANCE
- IP PROPOSED GRATE INLET PROTECTION. SEE DETAIL SHEET.
- TP TREE PROTECTION
- CW CONCRETE WASHOUT
- ST MATERIALS AND WASTE STORAGE AREA.



Restaurant Support Office
6800 Bishop Road, Plano, TX 75024
Tele: 972-769-3100 Fax: 972-769-3101

PROTOTYPE ISSUE DATE:

REVISIONS

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2	11/04/2024	REVISED PER CITY COMMENTS	CSE MMA

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SITE DEVELOPMENT PLANS

FOR
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WORCESTER, MASSACHUSETTS

STORE:
PROTOTYPE 6-V-AV
RESTAURANT #RC1233

DESIGNER INFORMATION:
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SOUTHBOROUGH, MA 01772
Phone: (508) 480-9900
www.BohlerEngineering.com

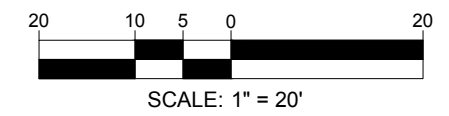
J.A. KUCICH
JOHN A. KUCICH
CIVIL
PROFESSIONAL ENGINEER
MASS. REG. NO. 11530
NEW HAMPSHIRE REG. NO. 15476
CONNECTICUT REG. NO. 91177
RHODE ISLAND REG. NO. 0616
MAINE LICENSE NO. 12553

SOIL EROSION AND SEDIMENT CONTROL PLAN

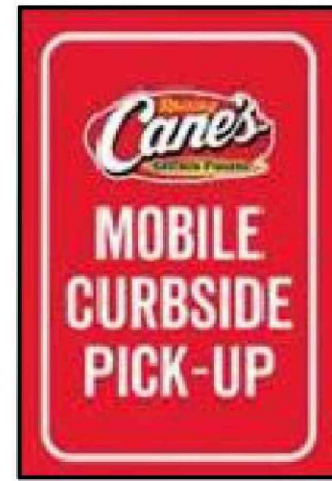
SHEET NUMBER:
C-801

REVISION 2 - 11/04/2024

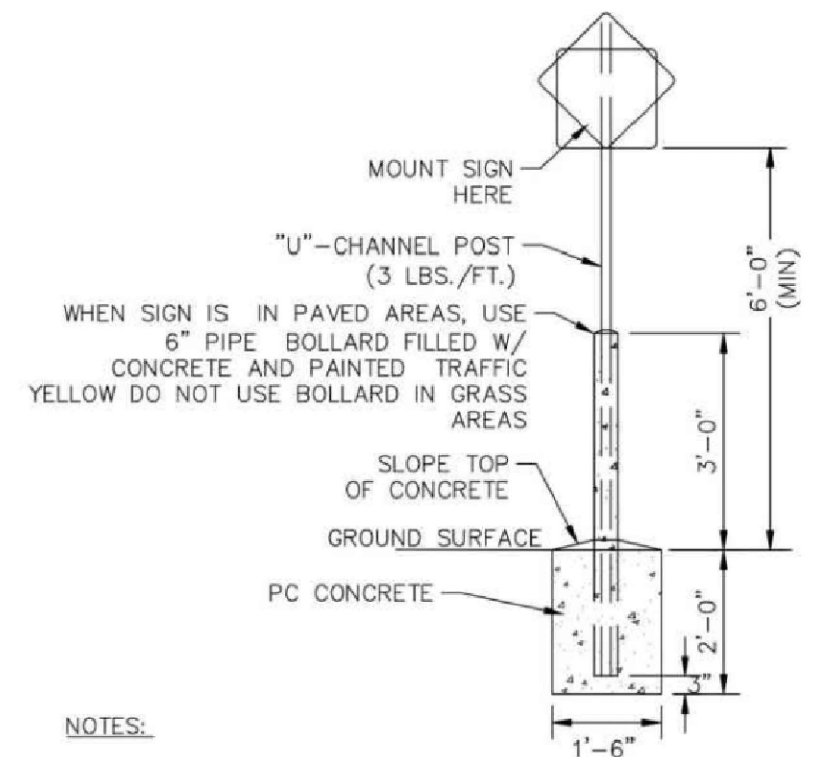
THIS PLAN TO BE UTILIZED FOR SOIL EROSION AND SEDIMENT CONTROL PURPOSES ONLY



I:\BOHLER\NET\SHARES\MAA\PROJECTS\2024\MAA240136.00\CAD\DRAWINGS\PLAN SETS\CIVIL SITE PLAN\SP-CIVL-SITE-MAA240136.00-01-JAYOUT-C-801.EROS



CURBSIDE PICKUP
12" x 18"

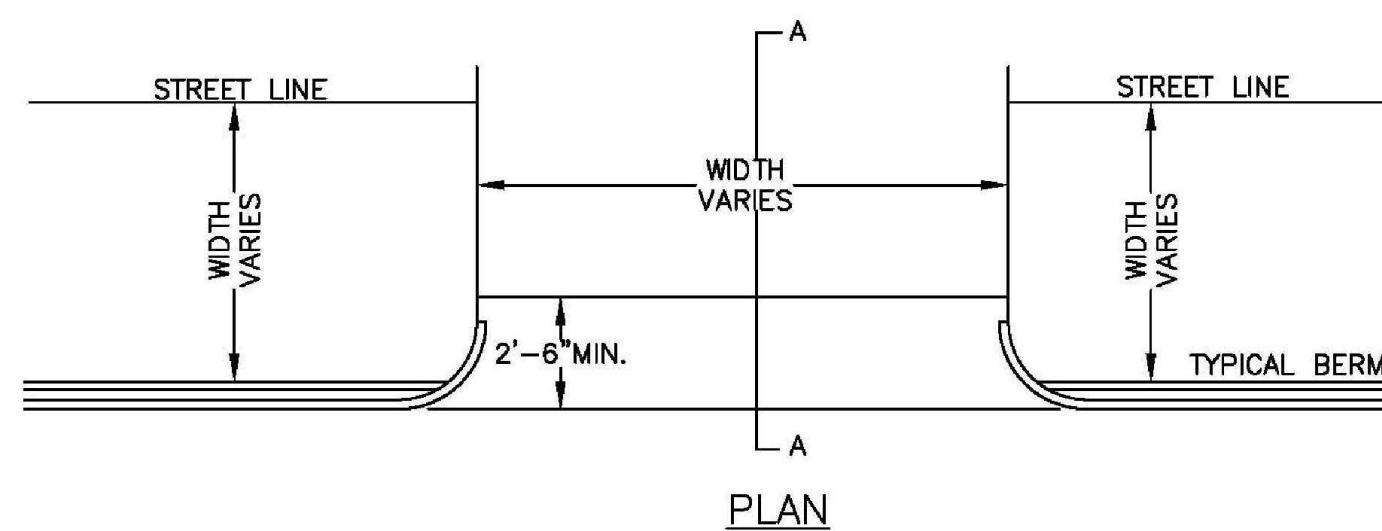


NOTES:
POLE AND SIGN TO BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR.
ALL SIGNS SHALL COMPLY WITH U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION'S "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", LOCAL CODES AND AS SPECIFIED. MOUNT SIGNS TO POST IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

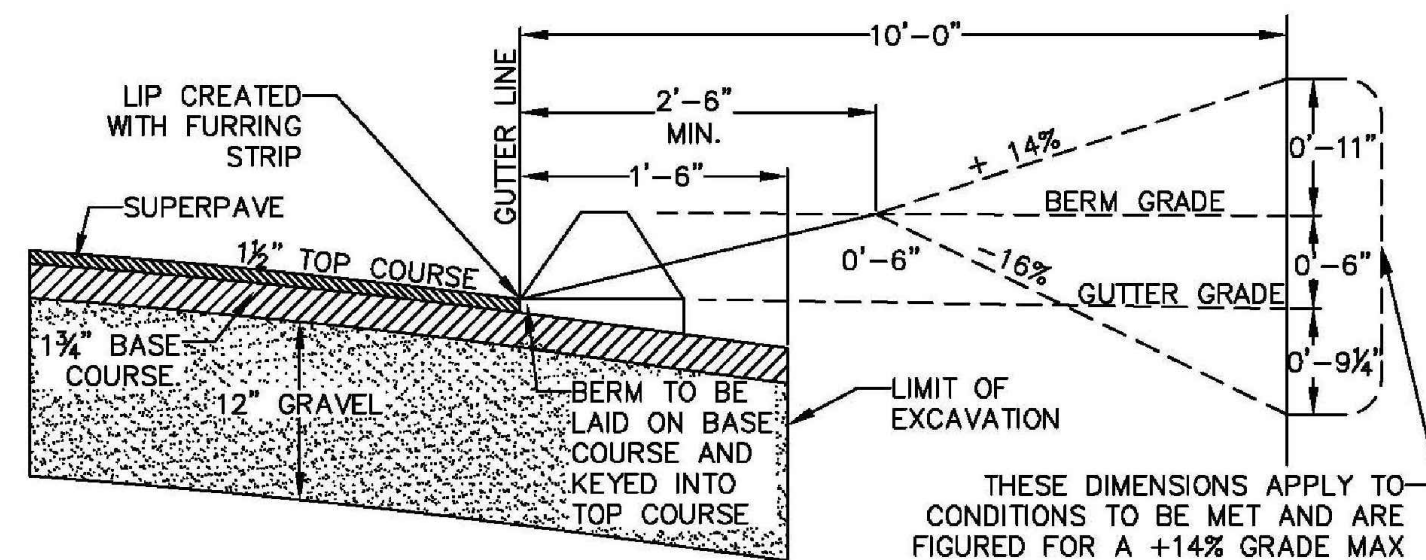
MOBILE ORDER PICK-UP SIGN

NE-S010102 - 09/2024

NOT TO SCALE



PLAN

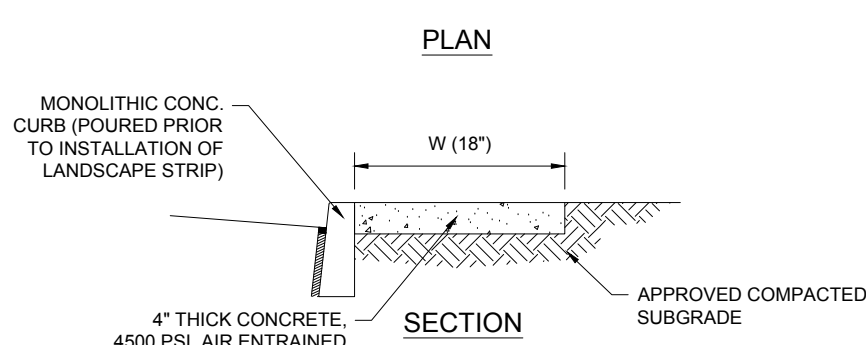


SECTION A-A
NOT TO SCALE

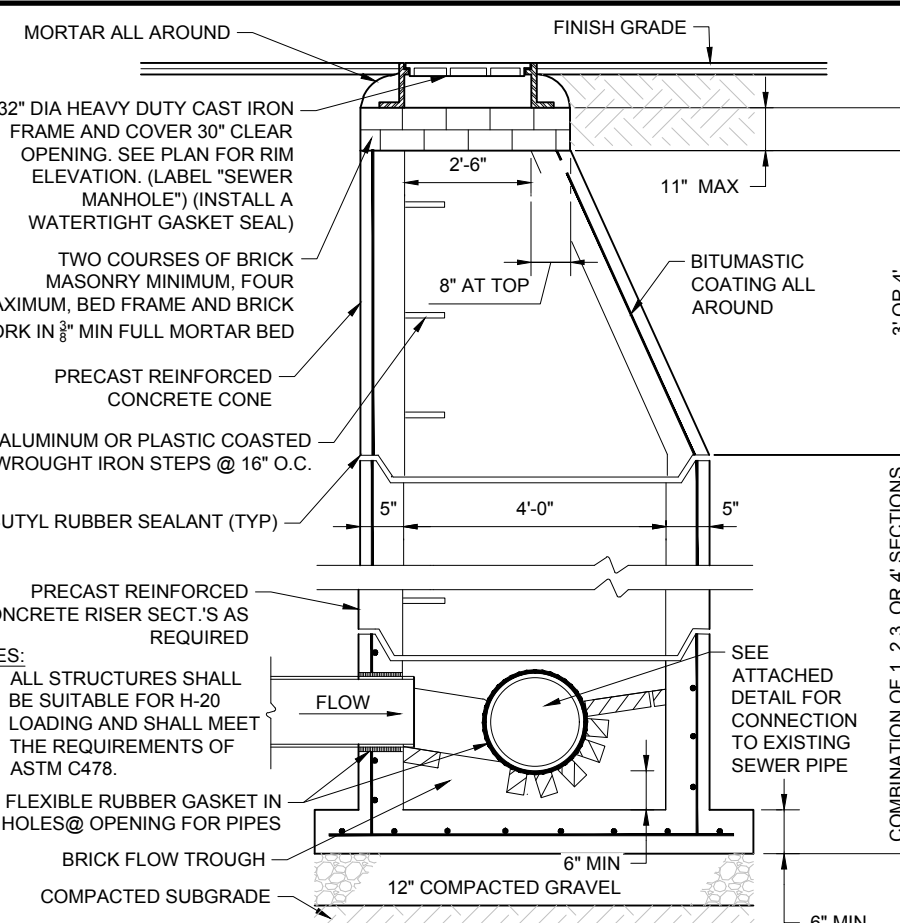
**CITY OF WORCESTER
TYPICAL DRIVEWAY DETAIL**

NE-S010102 - 09/2024

NOT TO SCALE

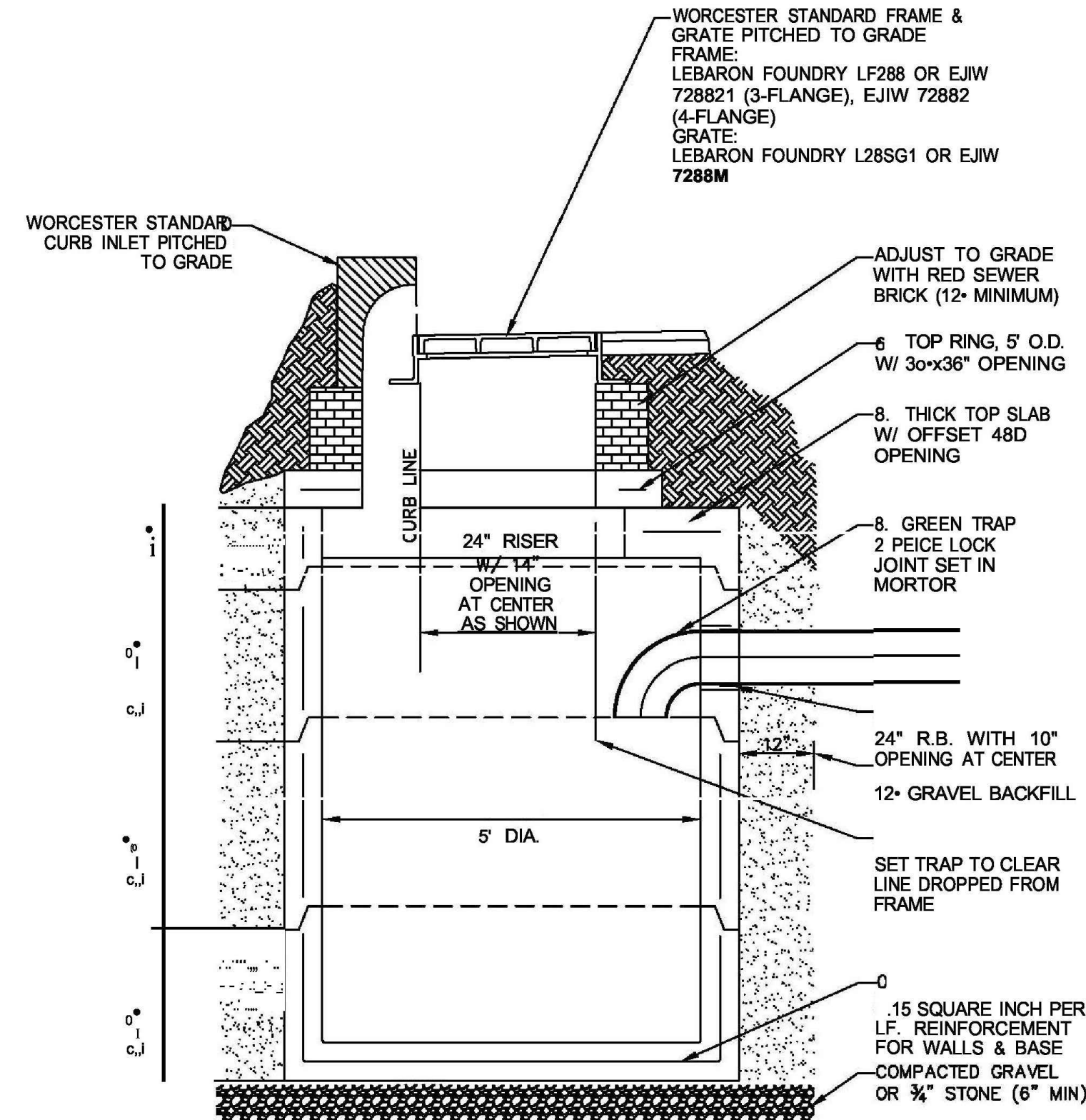


CONCRETE LANDSCAPE PROTECTION STRIP
NOT TO SCALE



**PRECAST CONCRETE
SANITARY MANHOLE**

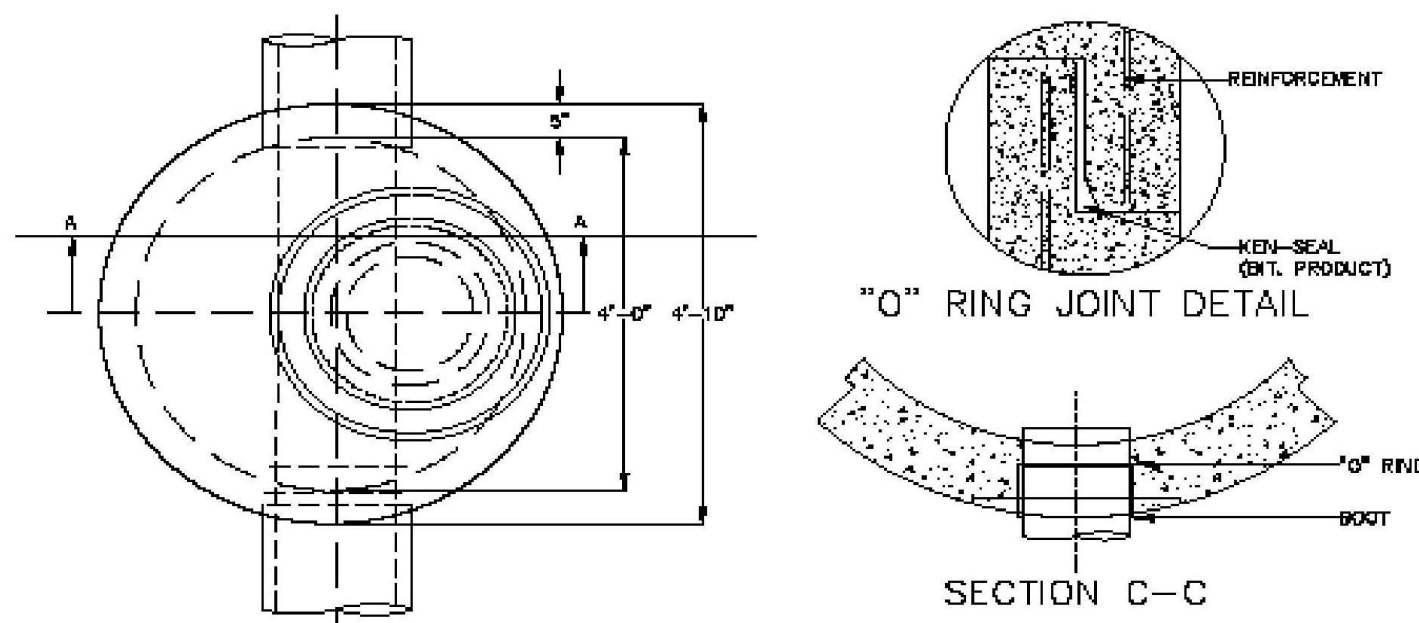
NE-UJ020101 - 05/2024



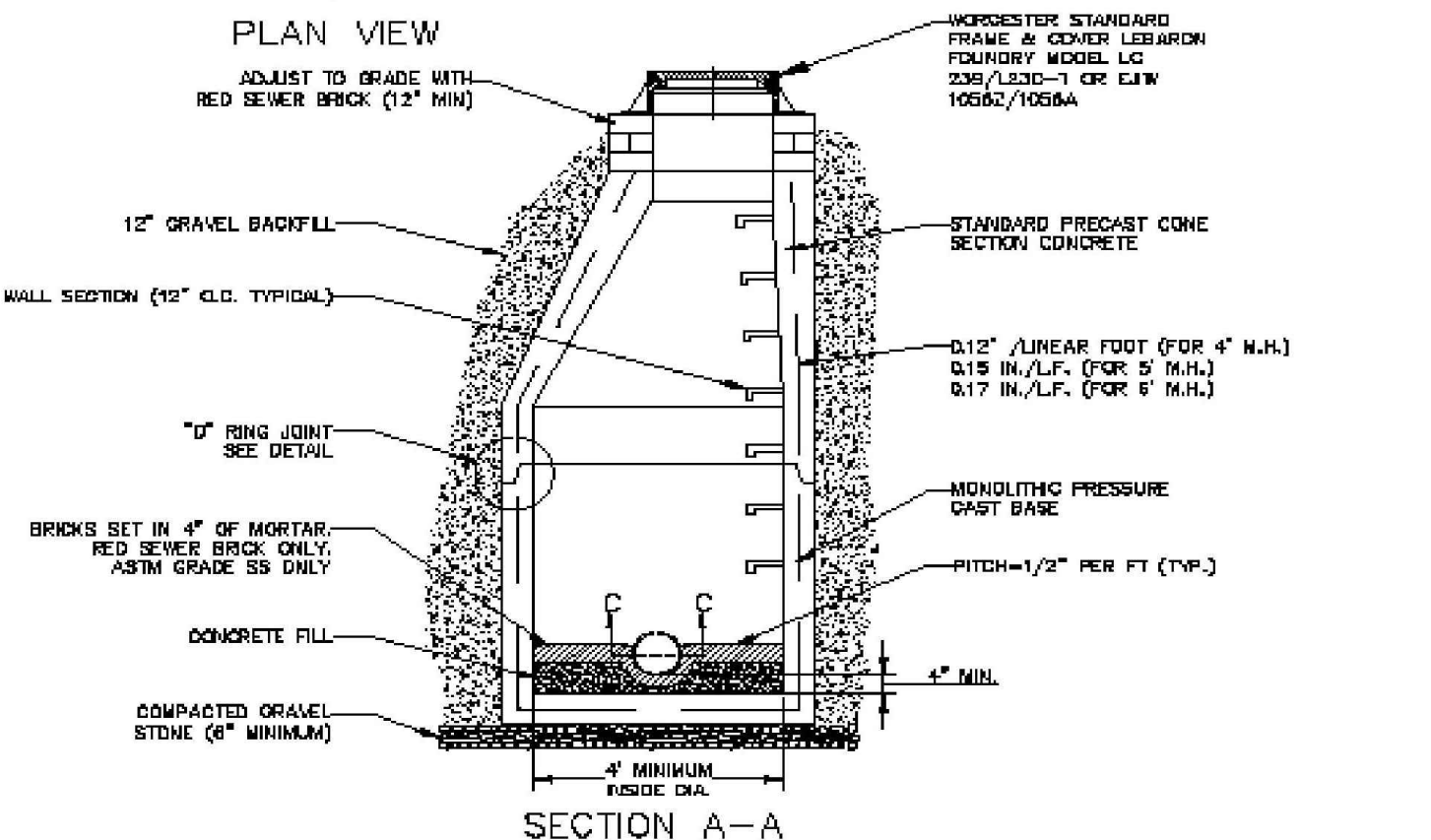
**CITY OF WORCESTER
TYPICAL PRECAST CATCH BASIN DETAIL**

NE-S010102 - 09/2024

NOT TO SCALE

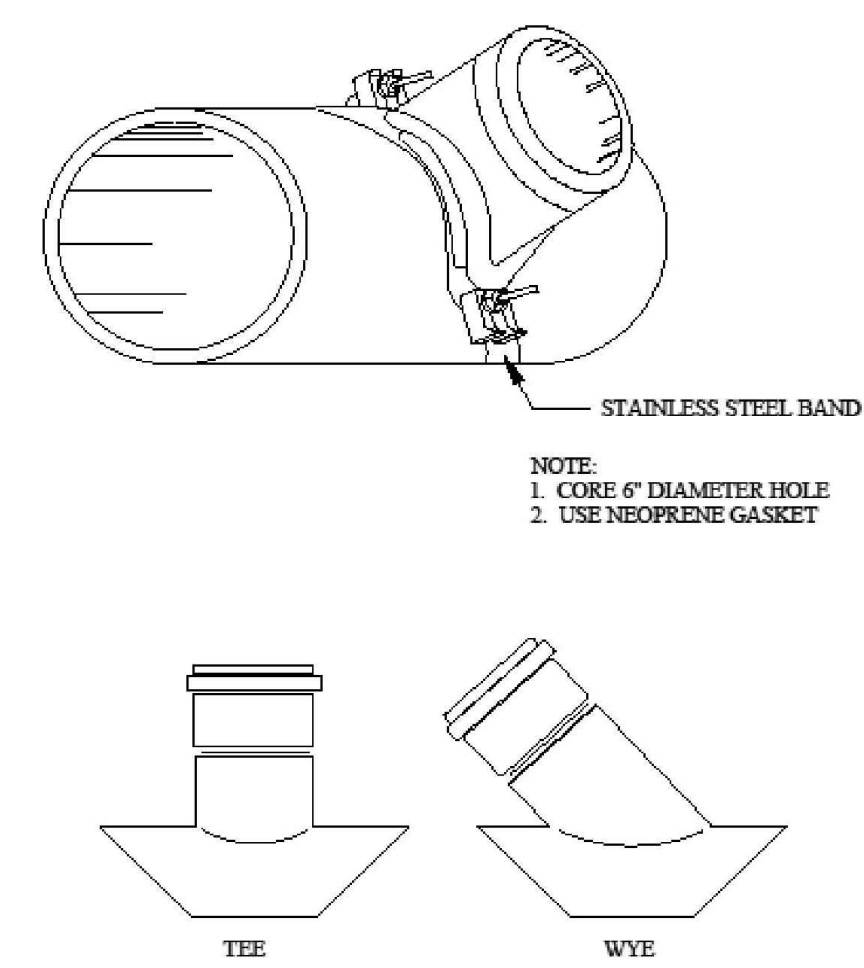


SECTION C-C



**CITY OF WORCESTER
TYPICAL PRECAST DRAINAGE MANHOLE DETAIL**

NE-S010102 - 09/2024

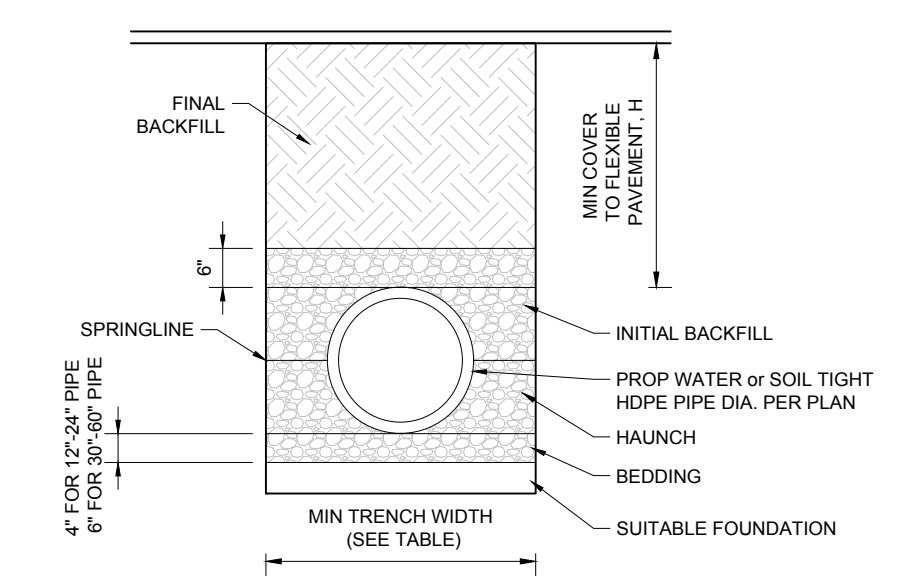


NOTE:
1. CORE 6" DIAMETER HOLE
2. USE NEOPRENE GASKET

**CITY OF WORCESTER
TYPICAL WYE & TEE SADDLES FOR LATERAL SEWER CONNECTIONS DETAIL**

NE-S010102 - 09/2024

NOT TO SCALE



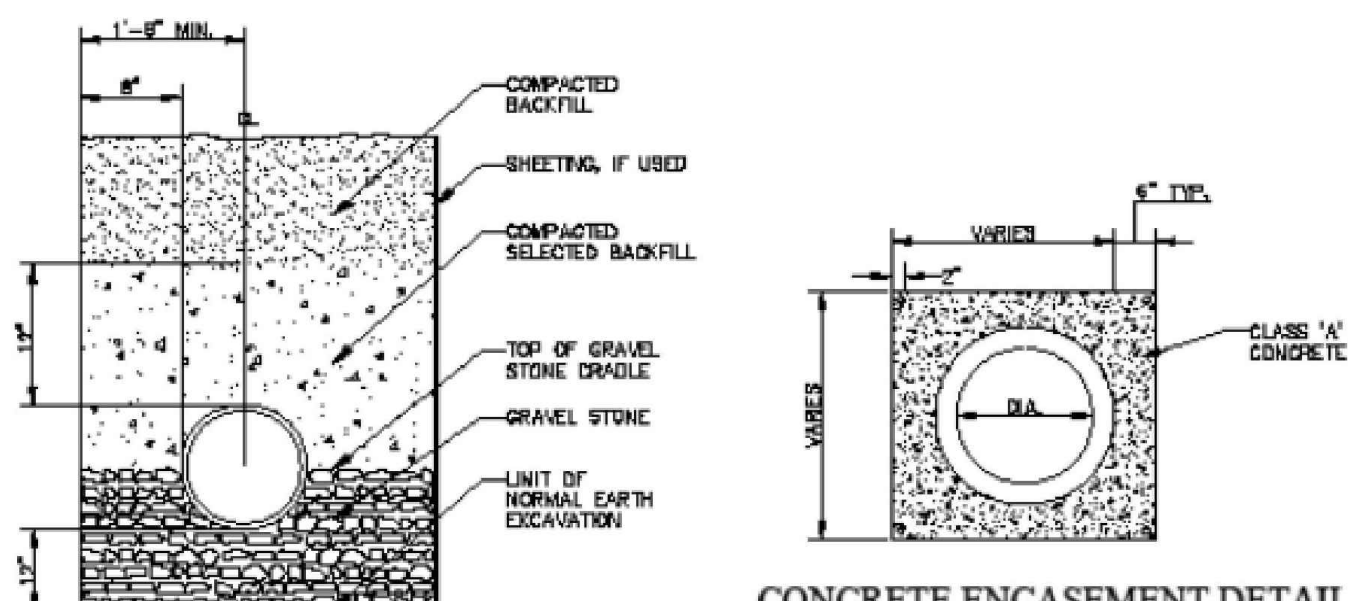
PIPE DIA.	MIN TRENCH WIDTH
6"	23"
8"	26"
10"	28"
12"	30"
15"	34"
18"	39"
24"	45"
30"	56"
36"	64"
48"	80"
60"	96"

NOTES:
1. ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321 - STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS - LATEST EDITION.
2. MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL WHEN REQUIRED.
3. FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
4. BEDDING: SUITABLE MATERIAL SHALL BE CLASS I, II OR III. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER, UNLESS OTHERWISE NOTED BY THE ENGINEER. MINIMUM BEDDING THICKNESS SHALL BE 4" (100mm) FOR 4"-24" (100mm-600mm), 6" (150mm) FOR 30"-60" (750mm-600mm).
5. INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I, II OR III IN THE PIPE ZONE EXTENDING NOT LESS THAN 6" ABOVE GROUND OF PIPE TO GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOATION. FOR TRAFFIC APPLICATIONS, MINIMUM COVER SHALL BE 12" UP TO 48" DIAMETER PIPE AND 24" OF COVER FOR 54"-60" DIAMETER PIPE, MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT.
6. MINIMUM COVER: MINIMUM COVER, H, IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREAS) IS 12" FROM THE TOP OF PIPE TO GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOATION. FOR TRAFFIC APPLICATIONS, MINIMUM COVER SHALL BE 12" UP TO 48" DIAMETER PIPE AND 24" OF COVER FOR 54"-60" DIAMETER PIPE, MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT.

**HDPE STORM PIPE
TRENCH**

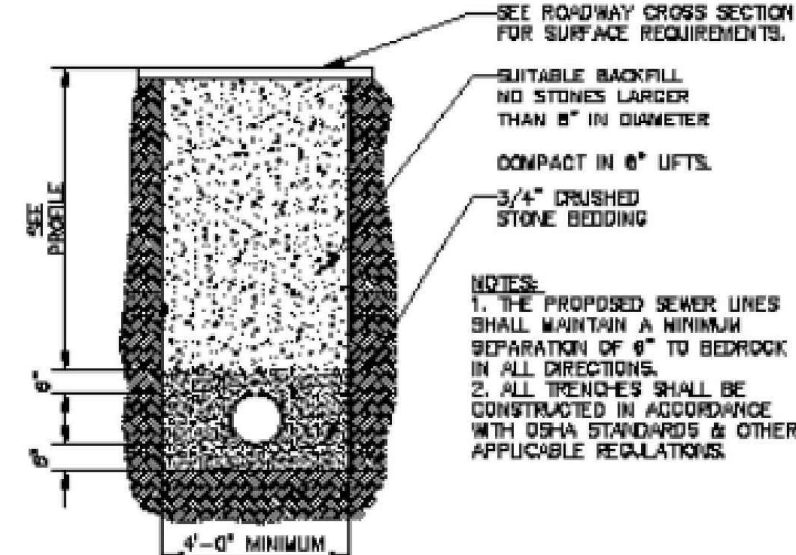
NOT TO SCALE

NE-UJ01812 - 09/2023



TYPICAL DRAIN MAIN TRENCH

CONCRETE ENCASEMENT DETAIL



TYPICAL SEWER MAIN TRENCH

**CITY OF WORCESTER
TYPICAL TRENCH DETAIL**

NE-S010102 - 09/2024

NOT TO SCALE



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6800 Bishop Road, Plano, TX 75024
Tele: 972-769-3100 Fax: 972-769-3101

PROTOTYPE ISSUE DATE:

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1	10/22/2024	REVISED PER CITY COMMENTS	MMA	CJP
2	11/04/2024	REVISED PER CITY COMMENTS	CSE	MMA



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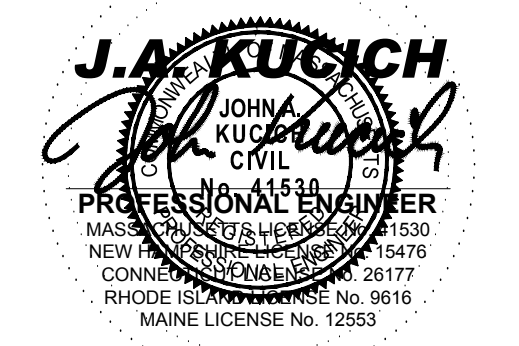
PROJECT No.: MAA240136.00
DRAWN BY: CJP
DATE: 10/03/2024
CHECKED BY: MMA
CAD ID: X-CIVL-TTLE

**SITE DEVELOPMENT
PLANS**

FOR
PROPOSED DEVELOPMENT
MAP: 39 | BLK: 29 | LOT: 1C
494 LINCOLN STREET
WORCESTER COUNTY
WORCESTER, MASSACHUSETTS

STORE: PROTOTYPE 6-V-AV
RESTAURANT #RC1233

DESIGNER INFORMATION:
BOHLER
352 TURNPIKE ROAD, 3rd FLOOR
SOUTHBOROUGH, MA 01772
Phone: (508) 480-9900
www.BohlerEngineering.com

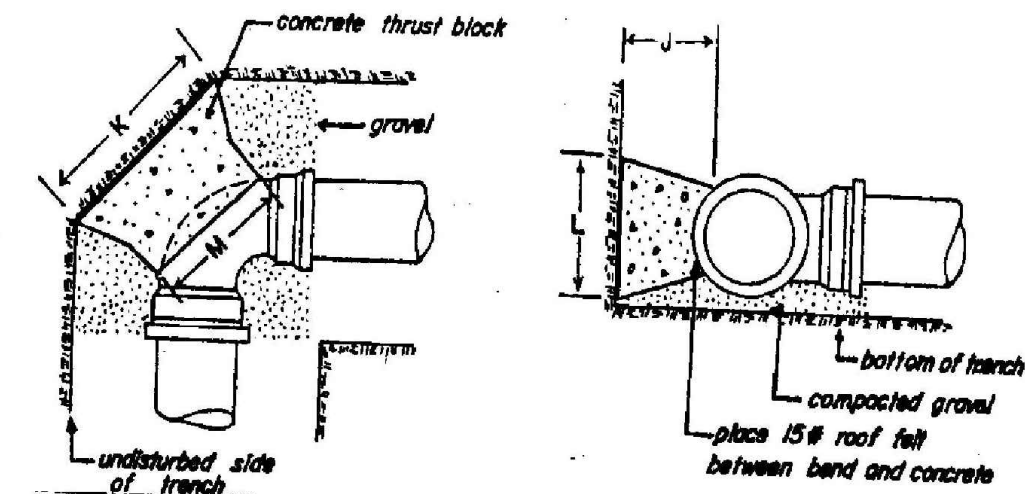


**CONSTRUCTION
DETAILS**

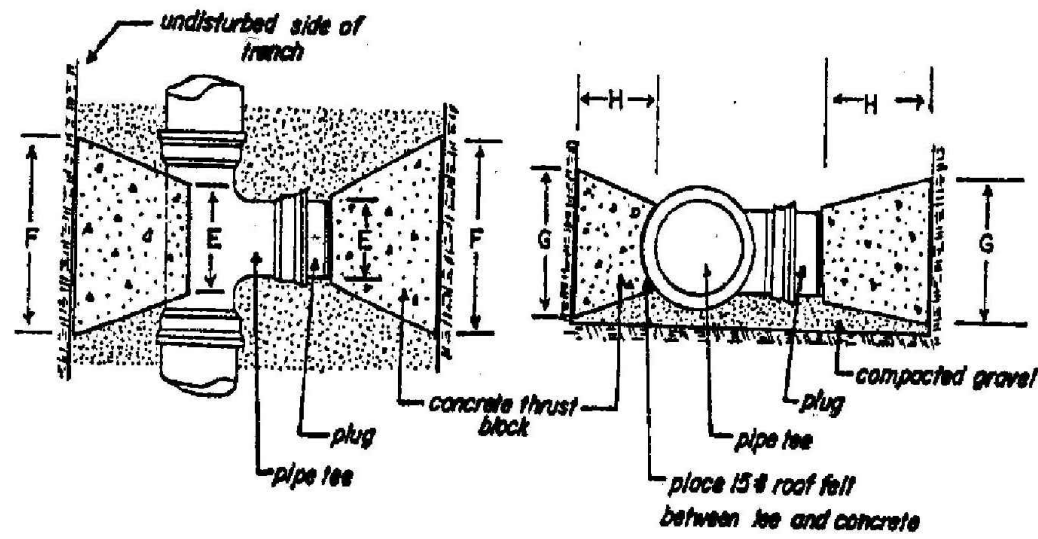
SHEET NUMBER:
C-902

REVISION 2 - 11/04/2024

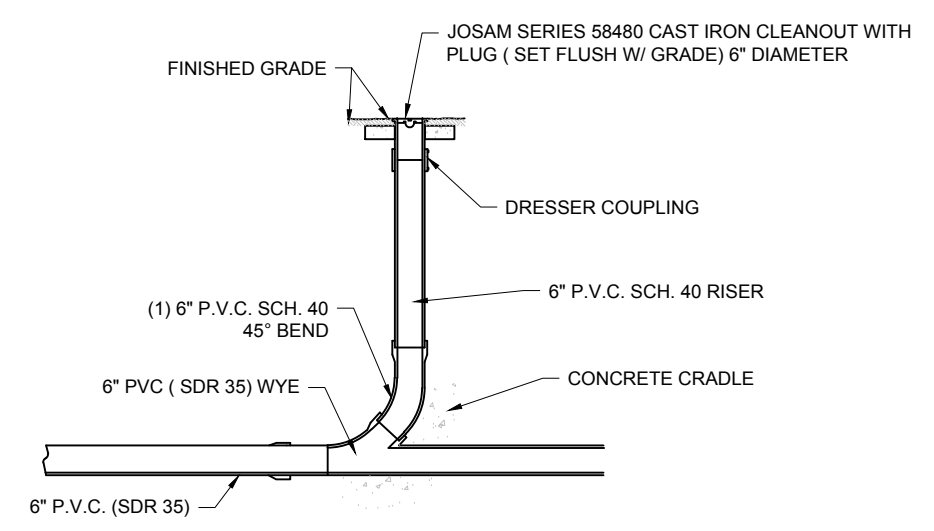
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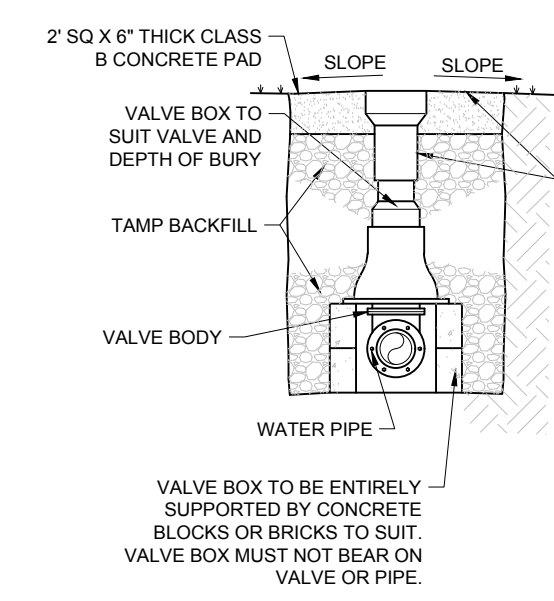
TYPICAL THRUST BLOCK DETAIL
NOT TO SCALE



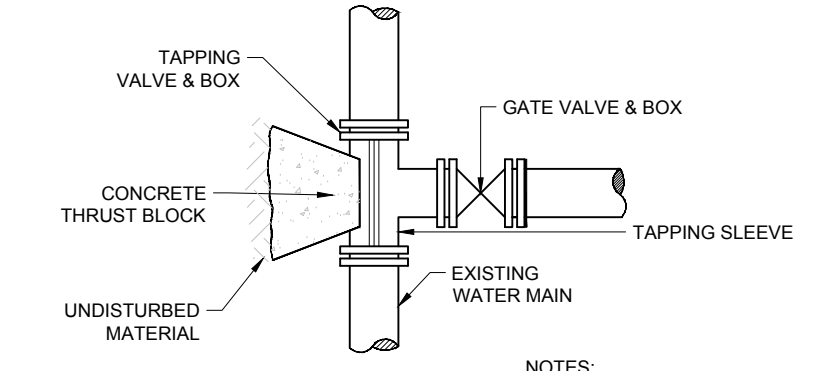
TYPICAL THRUST BLOCK DETAIL
NOT TO SCALE



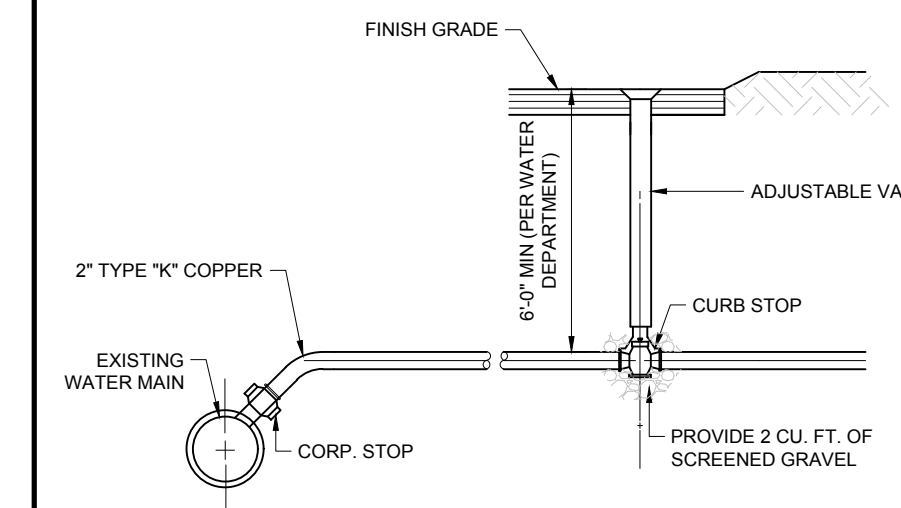
CLEANOUT (IN-LINE)
NOT TO SCALE



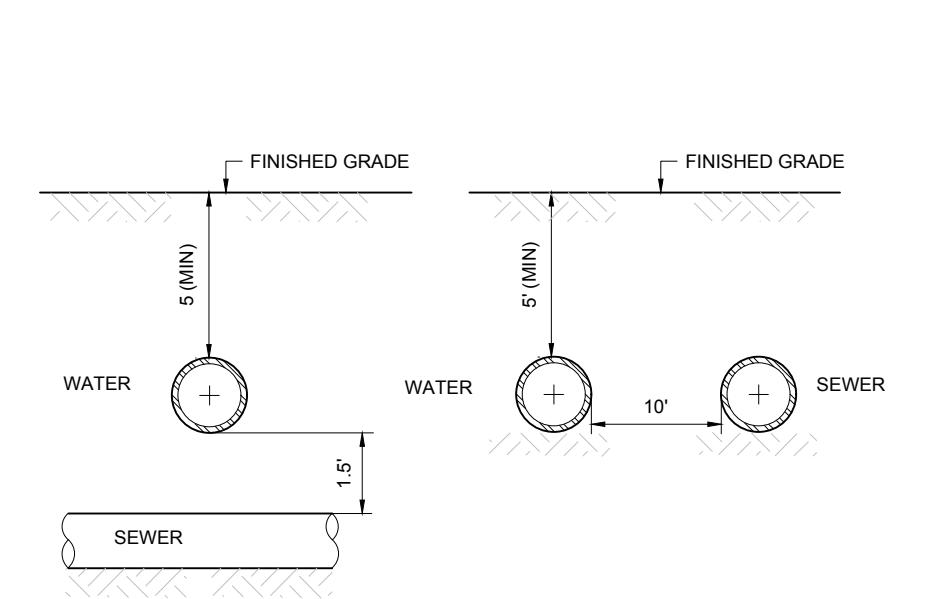
GATE VALVE
NOT TO SCALE



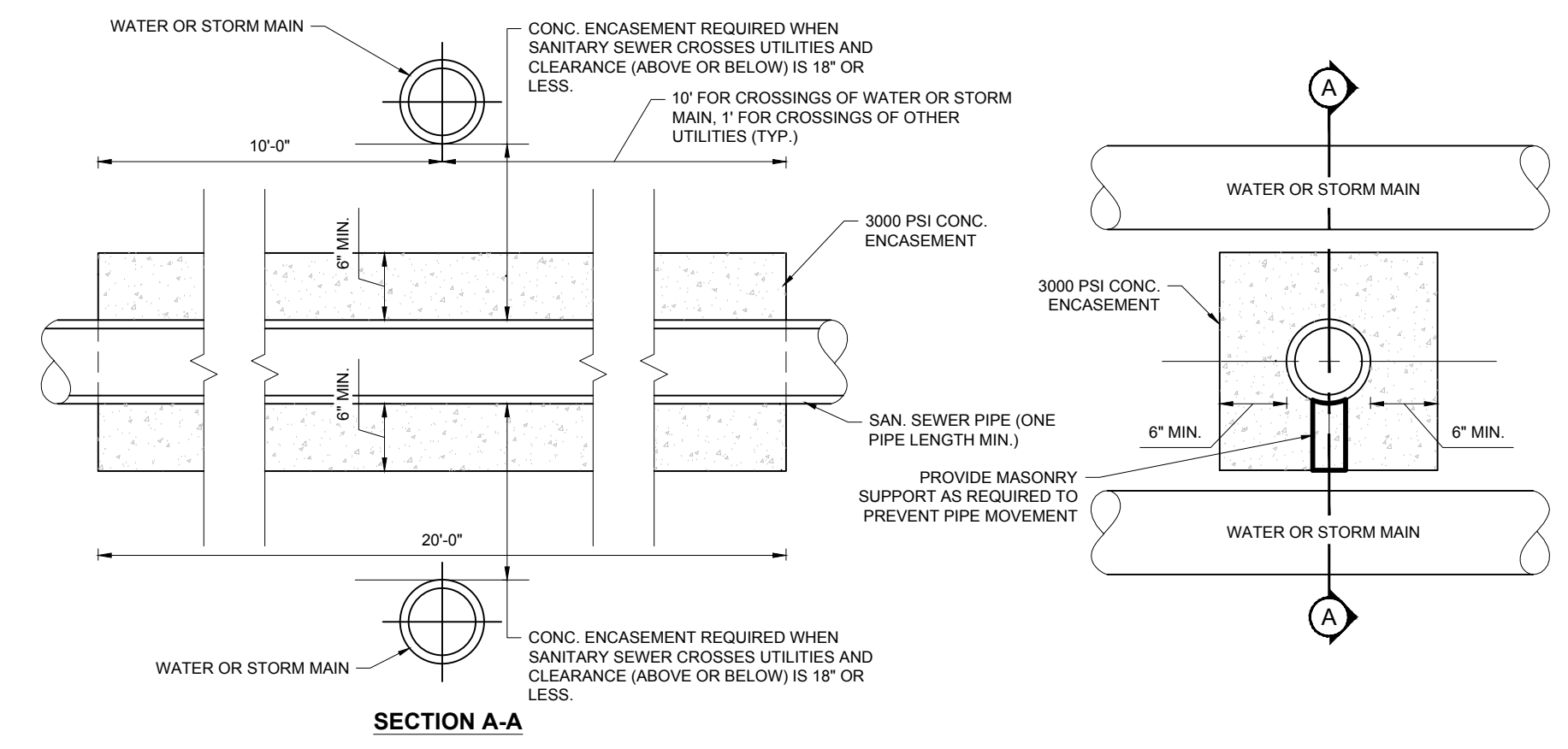
TAPPING SLEEVE AND GATE VALVE
NOT TO SCALE



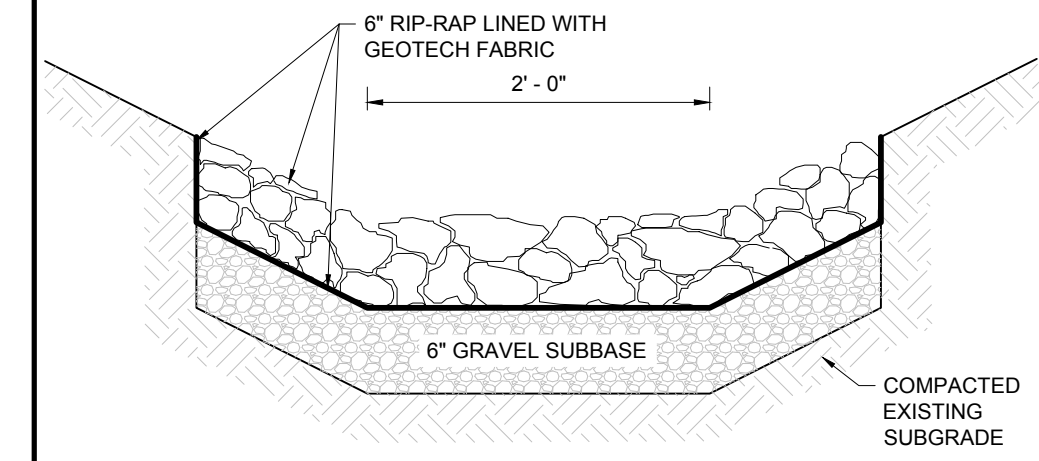
TYPE K COPPER WATER SERVICE CONNECTION
NOT TO SCALE



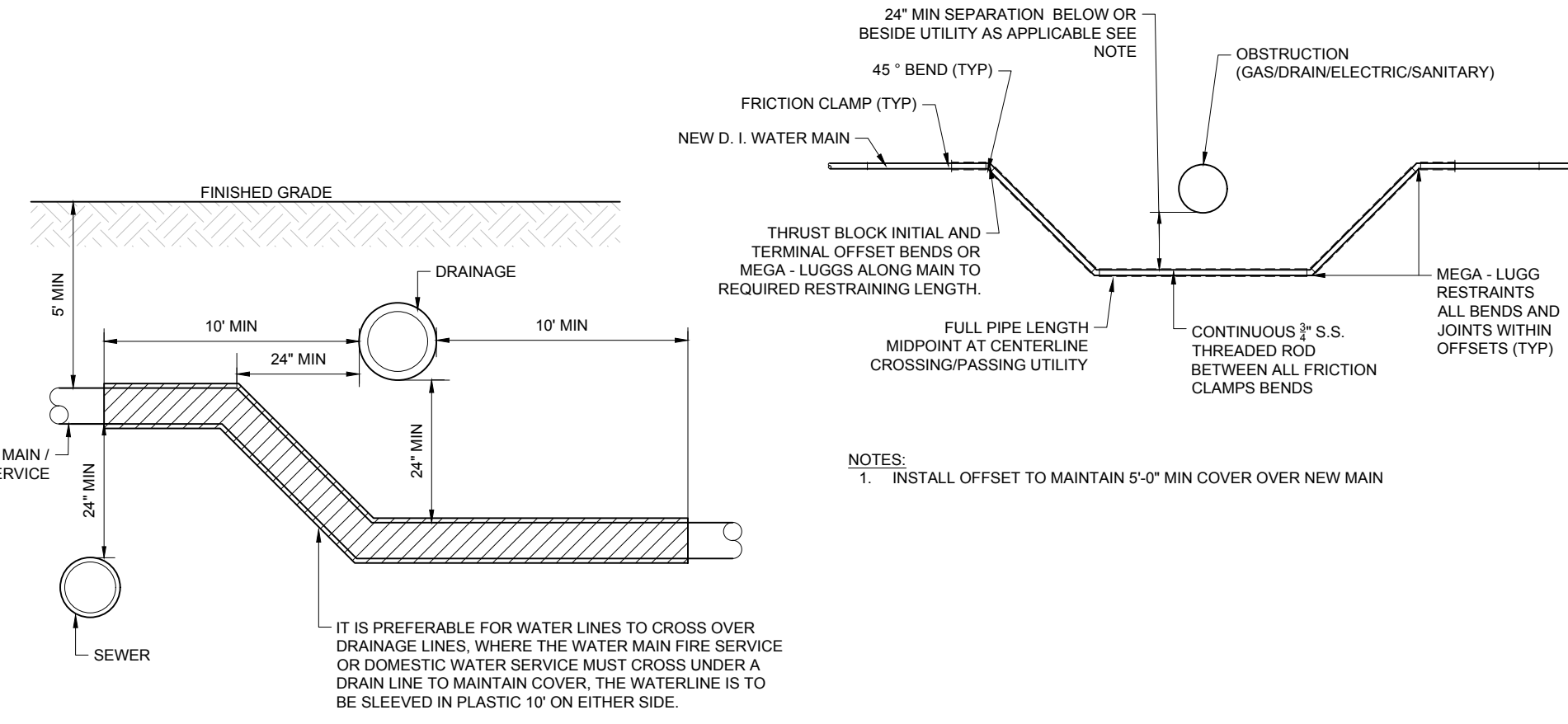
WATER AND SEWER UTILITY CROSSING
NOT TO SCALE



SANITARY CONCRETE ENCASEMENT
NOT TO SCALE



RIP-RAP SWALE
NOT TO SCALE



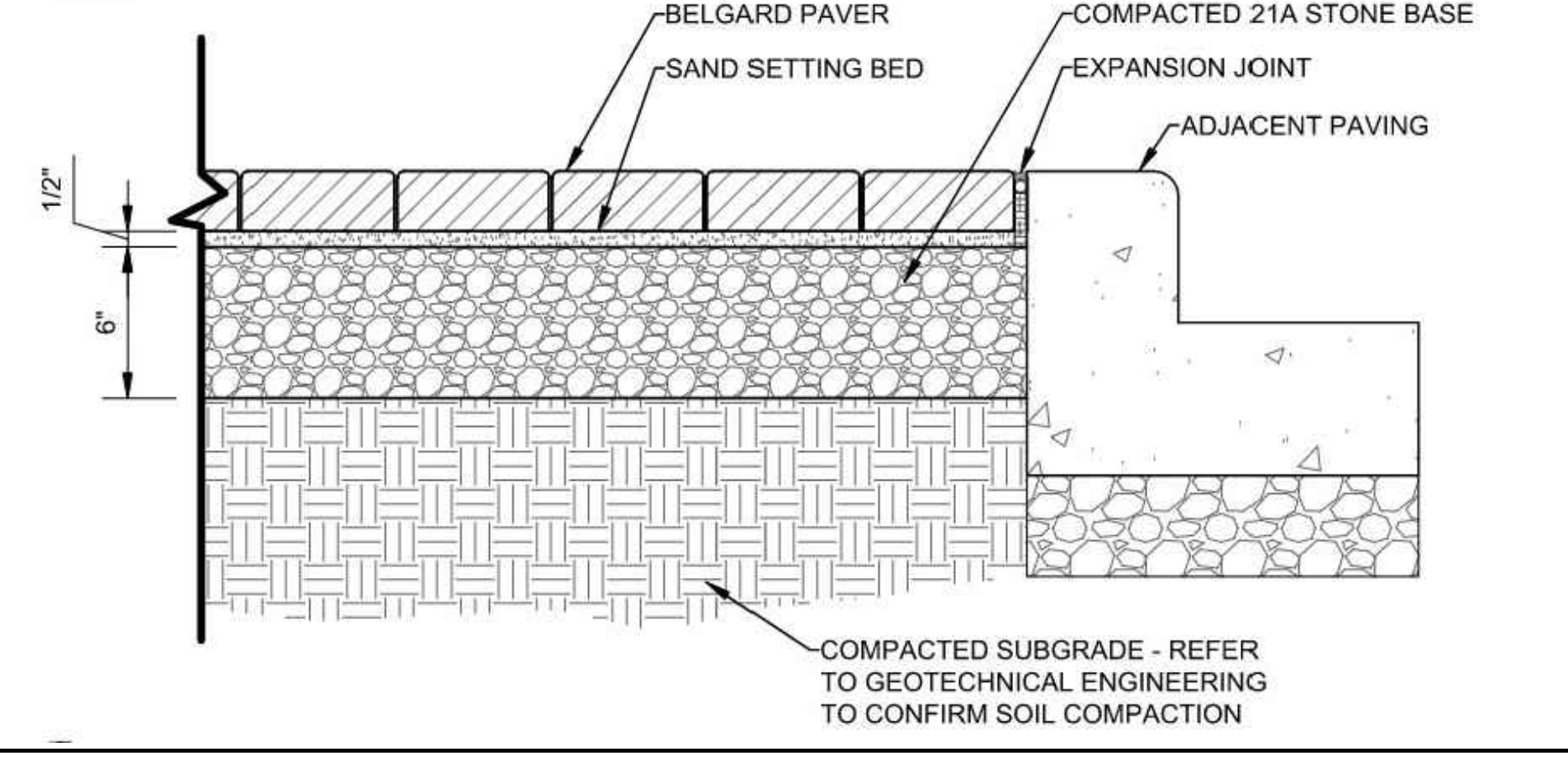
WATER SERVICE OR MAIN AT UTILITY CROSSING
NOT TO SCALE

MANUFACTURER: BELGARD
PHONE: 877-235-4273
WEB: WWW.BELGARD.COM

PRODUCT: HOLLAND STONE LEGACY
COLOR: CHARCOAL OR APPROVED EQUAL
SIZE: 3 15/16" x 7 7/8" x 2 3/8"

PATTERN: HERRINGBONE

NOTES:
1. PAVER JOINTS TO BE BUTT TIGHT
2. BROOM SWEEP JOINTS WITH POLYMERIC SAND.

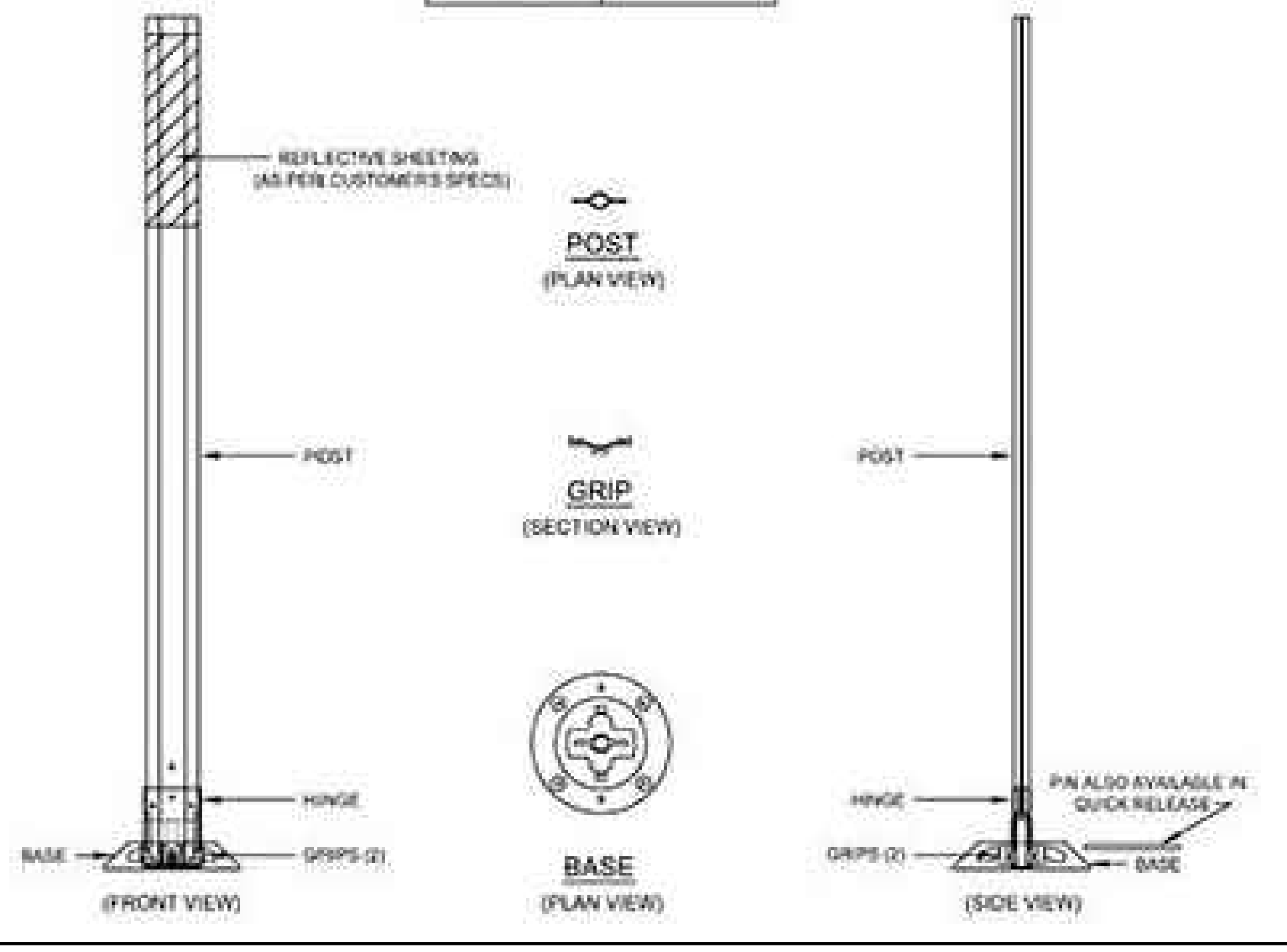


DRIVE-THRU MEDIAN ISLAND PAVERS
NOT TO SCALE

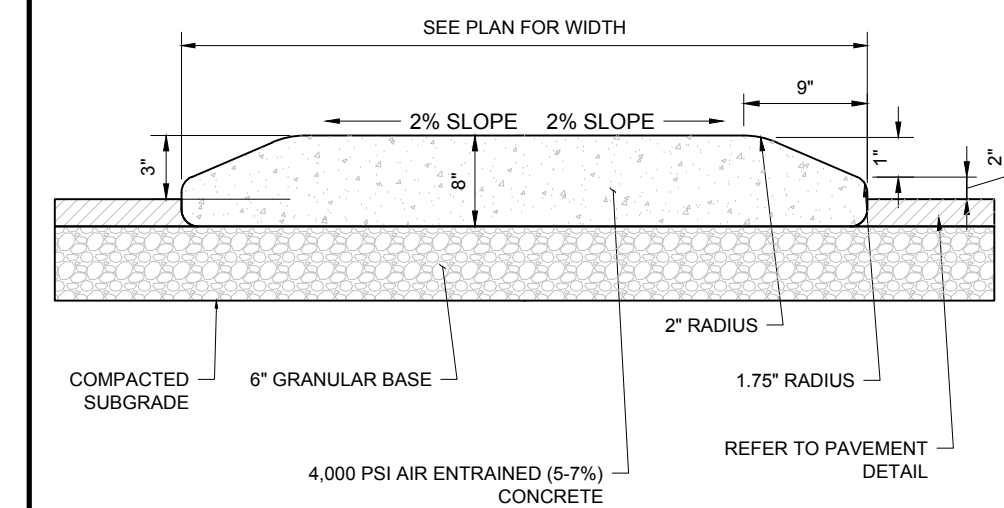
FLEXSTAKE SM700 SERIES SURFACE MOUNT DELINEATOR

CATALOG NO.	PRODUCT LENGTH
701	18"
702	24"
703	30"
704	36"
705	42"
706	50"

DETAIL REFERENCE:
DETAIL PROVIDED/PREPARED BY OTHERS AND IS FROM FLEXSTAKE.COM



FLEXIBLE DELINEATOR (FLEXSTAKE SM700 SERIES)
NOT TO SCALE



MOUNTABLE MONOLITHIC CONCRETE ISLAND
NOT TO SCALE



Restaurant Support Office
6800 Bishop Road, Plano, TX 75024
Tele: 972-769-3100 Fax: 972-769-3101

PROTOTYPE ISSUE DATE:

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SITE DEVELOPMENT PLANS

FOR PROPOSED DEVELOPMENT
MAP: 39 | BLK: 29 | LOT: 1C
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WORCESTER COUNTY
WORCESTER, MASSACHUSETTS

STORE: PROTOTYPE 6-V-AV RESTAURANT #RC1233

DESIGNER INFORMATION:

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SOUTHBOROUGH, MA 01772
Phone: (508) 480-9900
www.BohlerEngineering.com

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MAINE LICENSE NO. 12553

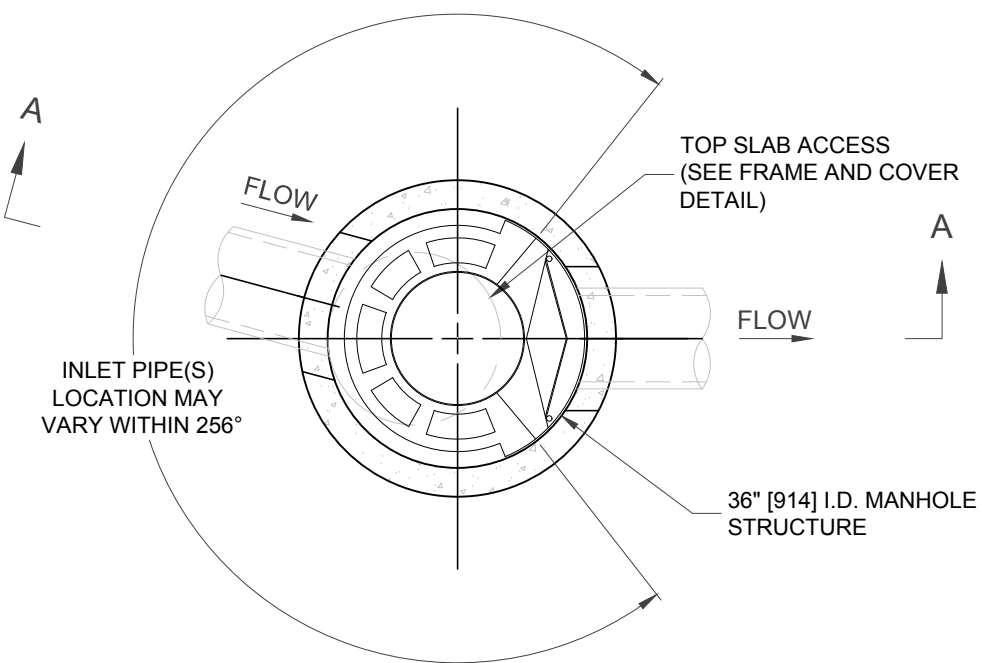
SHEET TITLE:

CONSTRUCTION DETAILS

SHEET NUMBER:
C-903

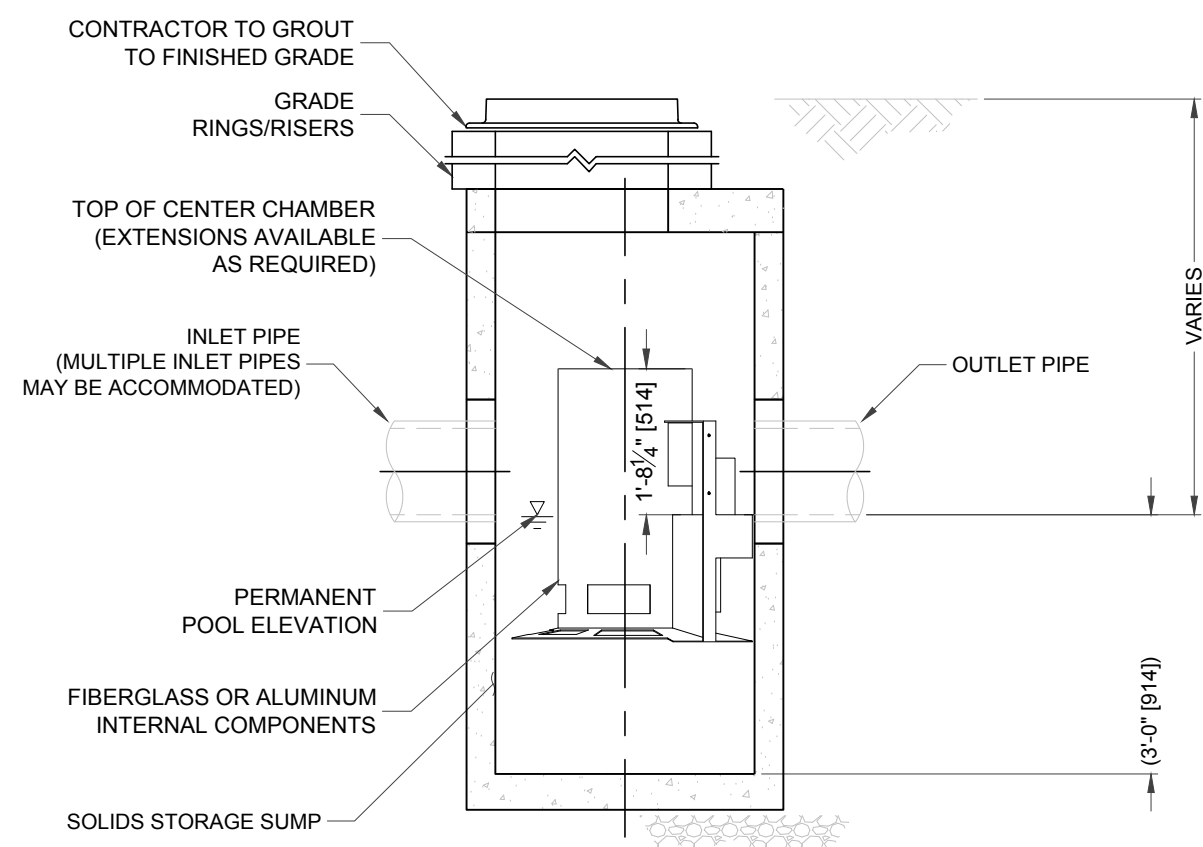
REVISION 2 - 11/04/2024

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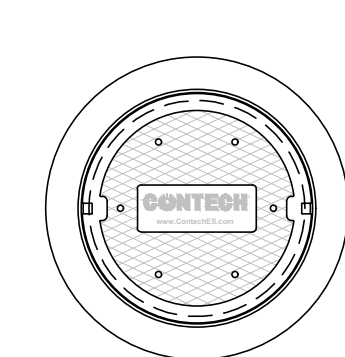


PLAN VIEW B-B
NOT TO SCALE

- GENERAL NOTES**
1. CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
 2. FOR SITE SPECIFIC DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHT, PLEASE CONTACT YOUR CONTECH ENGINEERING SOLUTIONS LLC REPRESENTATIVE. www.contechcs.com
 3. CASCADE SEPARATOR WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING. CONTRACTOR TO CONFIRM STRUCTURE MEETS REQUIREMENTS OF PROJECT.
 4. CASCADE SEPARATOR STRUCTURE SHALL MEET AASHTO HS20 LOAD RATING, ASSUMING EARTH COVER OF 0' - 2' (810), AND GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION. CASTINGS SHALL MEET AASHTO M306 AND BE CAST WITH THE CONTECH LOGO.
 5. CASCADE SEPARATOR STRUCTURE SHALL BE PRECAST CONCRETE CONFORMING TO ASTM C478 AND AASHTO LOAD FACTOR DESIGN METHOD.
 6. ALTERNATE UNITS ARE SHOWN IN MILLIMETERS (mm).
- INSTALLATION NOTES**
- A. ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
 - B. CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CASCADE SEPARATOR MANHOLE STRUCTURE.
 - C. CONTRACTOR TO INSTALL JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS AND ASSEMBLE STRUCTURE.
 - D. CONTRACTOR TO PROVIDE, INSTALL, AND GROUT INLET AND OUTLET PIPES. MATCH PIPE INVERTS WITH ELEVATIONS SHOWN. ALL PIPE CENTERLINES TO MATCH PIPE OPENING CENTERLINES.
 - E. CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASSURE UNIT IS WATER TIGHT, HOLDING WATER TO FLOWLINE INVERT MINIMUM. IT IS SUGGESTED THAT ALL JOINTS BELOW PIPE INVERTS ARE GROUTED.



ELEVATION A-A
NOT TO SCALE



FRAME AND COVER
(DIAMETER VARIES)
NOT TO SCALE

SITE SPECIFIC DATA REQUIREMENTS			
STRUCTURE ID	A-30		
WATER QUALITY FLOW RATE (cfs [L/s])	0.87		
PEAK FLOW RATE (cfs [L/s])	9.52		
RETURN PERIOD OF PEAK FLOW (yrs)	25		
RIM ELEVATION	556.77		
PIPE DATA:	INVERT	MATERIAL	DIAMETER
INLET PIPE 1	552.58	PVC	12"
INLET PIPE 2	552.10	HDPE	15"
OUTLET PIPE	552.00	HDPE	15"
NOTES / SPECIAL REQUIREMENTS:			

CONTECH WQU A-30 (CASCADE SEPARATOR MODEL CS-4)

NE-5010102 - 10/2024 NOT TO SCALE



Restaurant Support Office
6800 Bishop Road, Plano, TX 75024
Tele: 972-769-3100 Fax: 972-769-3101

PROTOTYPE ISSUE DATE:

REVISIONS

REV	DATE	COMMENT	CHECKED BY
1	10/22/2024	REVISED PER CITY COMMENTS	CJP MMA
2	11/04/2024	REVISED PER CITY COMMENTS	CSE MMA



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ENTITLEMENT SET

THIS DRAWING IS INTENDED FOR MUNICIPAL AND/OR AGENCY REVIEW AND APPROVAL. IT IS NOT INTENDED AS A CONSTRUCTION DOCUMENT UNLESS INDICATED OTHERWISE.

PROJECT No.: MAA240136.00
DRAWN BY: CJP
CHECKED BY: MMA
DATE: 10/03/2024
CAD I.D.: X-CIVL-TTLB

SITE DEVELOPMENT PLANS

FOR

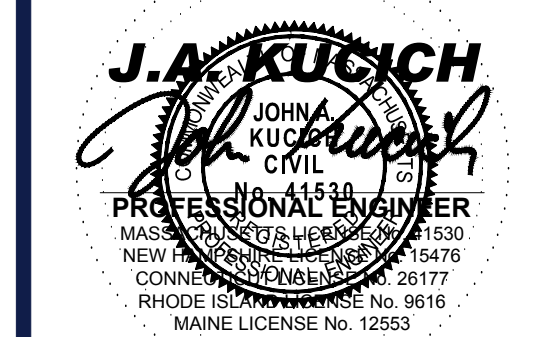
PROPOSED DEVELOPMENT

MAP: 39 | BLK: 29 | LOT: 1C
494 LINCOLN STREET
WORCESTER COUNTY
WORCESTER, MASSACHUSETTS

STORE:
PROTOTYPE 6-V-AV
RESTAURANT #RC1233

DESIGNER INFORMATION:

BOHLER //
352 TURNPIKE ROAD, 3rd FLOOR
SOUTHBOROUGH, MA 01772
Phone: (508) 480-9900
www.BohlerEngineering.com



SHEET TITLE:

CONSTRUCTION DETAILS

SHEET NUMBER:

C-904

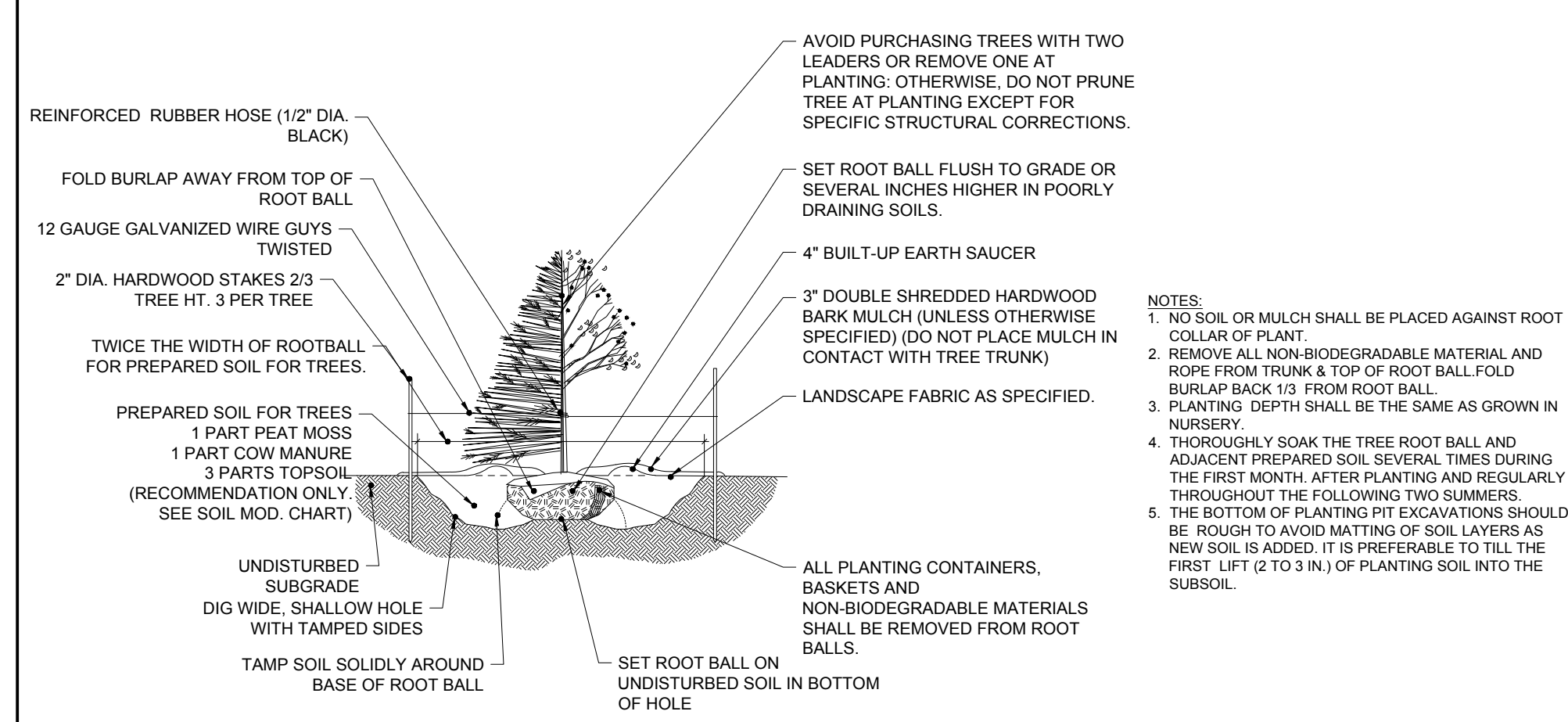
REVISION 2 - 11/04/2024

MASSACHUSETTS LANDSCAPE SPECIFICATION

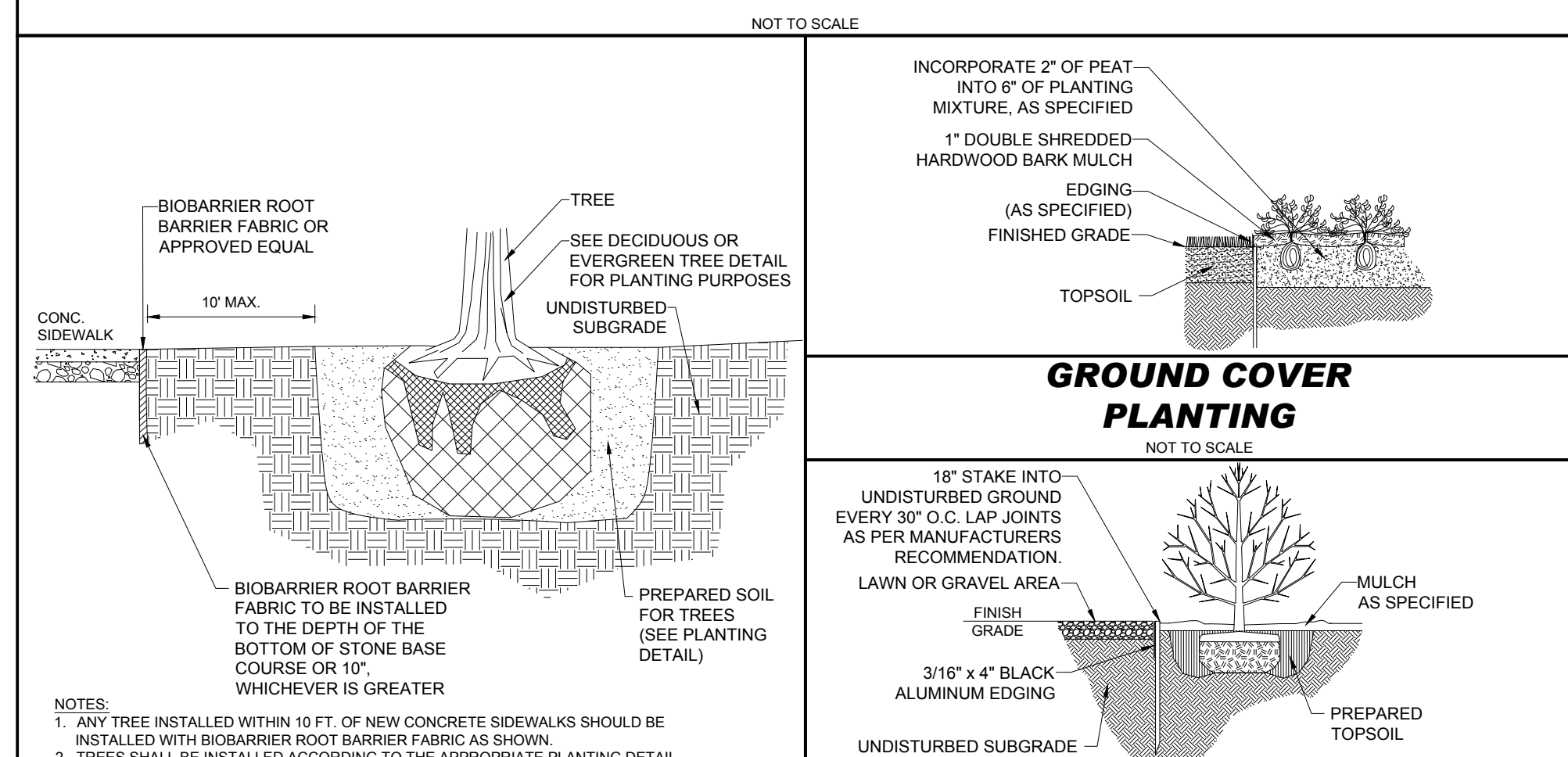
- SCOPE OF WORK:
 - THE LANDSCAPE CONTRACTOR SHALL BE REQUIRED TO PERFORM ALL CLEARING, FINISHED GRADING, SOIL PREPARATION, PERMANENT SEEDING OR SODDING, PLANTING AND MULCHING INCLUDING ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT NECESSARY FOR THE COMPLETION OF THIS PROJECT, UNLESS OTHERWISE CONTRACTED BY THE GENERAL CONTRACTOR.
 - MATERIALS:
 - GENERAL - ALL HARDSCAPE MATERIALS SHALL MEET OR EXCEED SPECIFICATIONS AS OUTLINED IN THE STATE DEPARTMENT OF TRANSPORTATION'S SPECIFICATIONS.
 - TOPSOIL - NATURAL, FRIABLE, LOAMY SILT SOIL HAVING AN ORGANIC CONTENT NOT LESS THAN 5%, A PH RANGE BETWEEN 4.5 TO 7.0. IT SHALL BE FREE OF DEBRIS, ROCKS LARGER THAN ONE INCH (1"), WOOD, ROOTS, VEGETABLE MATTER AND CLAY CLODS.
 - LAWN:
 - ALL DISTURBED AREAS ARE TO BE TREATED WITH A MINIMUM 6" THICK LAYER OF TOPSOIL, OR AS DIRECTED BY THE LOCAL ORDINANCE OR CLIENT, AND SEEDED OR SODDED IN ACCORDANCE WITH THE PERMANENT STABILIZATION METHODS INDICATED ON THE LANDSCAPE PLAN.
 - LAWN SEED MIXTURE SHALL BE FRESH, CLEAN NEW GRASS SEED.
 - SOD SHALL BE STRONGLY ROOTED, WEED AND DISEASE/PEST FREE WITH A UNIFORM THICKNESS. SOD INSTALLED ON SLOPES GREATER THAN 4:1 SHALL BE DESIGNED TO HOLD 500 LB IN PLACE.
 - MULCH - ALL PLANTING BEDS SHALL BE MULCHED WITH A 3" THICK LAYER OF DOUBLE SHREDDED HARDWOOD BARK MULCH, UNLESS OTHERWISE STATED ON THE LANDSCAPE PLAN AND/OR LANDSCAPE PLAN NOTES / DETAILS.
 - FERTILIZER:
 - FERTILIZER SHALL BE DELIVERED TO THE SITE MIXED AS SPECIFIED IN THE ORIGINAL UNOPENED STANDARD BAGS SHOWING WEIGHT, ANALYSIS AND NAME OF MANUFACTURER. FERTILIZER SHALL BE STORED IN A WEATHERPROOF PLACE SO THAT IT CAN BE KEPT DRY PRIOR TO USE.
 - FOR THE PURPOSE OF BIDDING, ASSUME THAT FERTILIZER SHALL BE 10% NITROGEN, 6% PHOSPHORUS AND 4% POTASSIUM BY WEIGHT. A FERTILIZER SHOULD NOT BE SELECTED WITHOUT A SOIL TEST PERFORMED BY A CERTIFIED SOIL LABORATORY.
 - PLANT MATERIAL:
 - ALL PLANTS SHALL IN ALL CASES CONFORM TO THE REQUIREMENTS OF THE "AMERICAN STANDARD FOR NURSERY STOCK" (ANSI Z60.1), LATEST EDITION, AS PUBLISHED BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION (FORMERLY THE AMERICAN ASSOCIATION OF NURSERYMEN).
 - IN ALL CASES, BOTANICAL NAMES SHALL TAKE PRECEDENCE OVER COMMON NAMES FOR ANY AND ALL PLANT MATERIAL.
 - PLANTS SHALL BE LEGIBLY TAGGED WITH THE PROPER NAME AND SIZE. TAGS ARE TO REMAIN ON AT LEAST ONE PLANT OF EACH SPECIES FOR VERIFICATION PURPOSES DURING THE FINAL INSPECTION.
 - TREES WITH ABRASION OF THE BARK, SUN SCALDS, DISFIGURATION OR FRESH CUTS OF LIMBS OVER 1/2" WHICH HAVE NOT BEEN COMPLETELY CALLED, SHALL BE REJECTED. PLANTS SHALL NOT BE BOUND WITH WIRE OR ROPE AT ANY TIME SO AS TO DAMAGE THE BARK OR BREAK BRANCHES.
 - ALL PLANTS SHALL BE TYPICAL OF THEIR SPECIES OR VARIETY AND SHALL HAVE A NORMAL HABIT OF GROWTH; WELL DEVELOPED BRANCHES, DENSELY FOLIATED, VIGOROUS ROOT SYSTEMS AND BE FREE OF DISEASE, INSECTS, PESTS, EGGS OR LARVAE.
 - CALIPER MEASUREMENTS OF NURSERY GROWN TREES SHALL BE TAKEN AT A POINT ON THE TRUNK SIX INCHES (6") ABOVE THE NATURAL GRADE FOR TREES UP TO AND INCLUDING A FOUR INCH (4") CALIPER SIZE. IF THE CALIPER AT SIX INCHES (6") ABOVE THE GROUND EXCEEDS FOUR INCHES (4") IN CALIPER, THE CALIPER SHOULD BE MEASURED AT A POINT 12" ABOVE THE NATURAL GRADE.
 - SHRUBS SHALL BE MEASURED TO THE AVERAGE HEIGHT OR SPREAD OF THE SHRUB, AND NOT TO THE LONGEST BRANCH.
 - TREES AND SHRUBS SHALL BE HANDLED WITH CARE BY THE ROOT BALL.
 - GENERAL WORK PROCEDURES:
 - CONTRACTOR TO UTILIZE WORKMANLIKE INDUSTRY STANDARDS IN PERFORMING ALL LANDSCAPE CONSTRUCTION. THE SITE IS TO BE LEFT IN A CLEAN STATE AT THE END OF EACH WORKDAY. ALL DEBRIS, MATERIALS AND TOOLS SHALL BE PROPERLY STORED, STOCKPILED OR DISPOSED OF.
 - WASTE MATERIALS AND DEBRIS SHALL BE COMPLETELY DISPOSED OF AT THE CONTRACTOR'S EXPENSE. DEBRIS SHALL NOT BE BURIED, INCLUDING ORGANIC MATERIALS, BUT SHALL BE REMOVED COMPLETELY FROM THE SITE.
 - SITE PREPARATIONS:
 - BEFORE AND DURING PRELIMINARY GRADING AND FINISHED GRADING, ALL WEEDS AND GRASSES SHALL BE DUG OUT BY THE ROOTS AND DISPOSED OF IN ACCORDANCE WITH GENERAL WORK PROCEDURES OUTLINED HEREIN.
 - ALL EXISTING TREES TO REMAIN SHALL BE PRUNED TO REMOVE ANY DAMAGED BRANCHES. THE ENTIRE LIMB OF ANY DAMAGED BRANCH SHALL BE CUT OFF AT THE BRANCH COLLAR. CONTRACTOR SHALL ENSURE THAT CUTS ARE SMOOTH AND STRAIGHT. ANY EXPOSED ROOTS SHALL BE CUT BACK WITH CLEAN SHARP TOOLS AND TOPSOIL SHALL BE PLACED AROUND THE REMAINDER OF THE ROOTS. EXISTING TREES SHALL BE MONITORED ON A REGULAR BASIS FOR ADDITIONAL ROOT OR BRANCH DAMAGE AS A RESULT OF CONSTRUCTION. ROOTS SHALL NOT BE LEFT EXPOSED FOR MORE THAN ONE (1) DAY. CONTRACTOR SHALL WATER EXISTING TREES AS NEEDED TO PREVENT SHOCK OR DECLINE.
 - CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF ANY LANDSCAPE MATERIAL. UTILITY COMPANIES SHALL BE CONTACTED THREE (3) DAYS PRIOR TO THE BEGINNING OF WORK.
 - TREE PROTECTION:
 - CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING TREES TO REMAIN. A TREE PROTECTION ZONE SHALL BE ESTABLISHED AT THE DRIP LINE OR AT THE LIMIT OF CONSTRUCTION DISTURBANCE, WHICHEVER IS GREATER. LOCAL STANDARDS THAT REQUIRE A MORE STRICT TREE PROTECTION ZONE SHALL BE HONORED.
 - A FORTY-EIGHT INCH (48") HIGH WOODEN SNOW FENCE OR ORANGE COLORED HIGH-DENSITY VISI-FENCE, OR APPROVED EQUIVALENT MOUNTED ON STEEL POSTS SHALL BE PLACED ALONG THE BOUNDARY OF THE TREE PROTECTION ZONE. POSTS SHALL BE LOCATED AT A MAXIMUM SPACING OF EIGHT FEET (8") ON CENTER OR AS INDICATED WITHIN THE TREE PROTECTION DETAIL.
 - WHEN THE TREE PROTECTION FENCING HAS BEEN INSTALLED, IT SHALL BE INSPECTED BY THE APPROVING AGENCY PRIOR TO DEMOLITION, GRADING, TREE CLEARING OR ANY OTHER CONSTRUCTION. THE FENCING ALONG THE TREE PROTECTION ZONE SHALL BE REGULARLY INSPECTED BY THE LANDSCAPE CONTRACTOR AND MAINTAINED UNTIL ALL CONSTRUCTION ACTIVITY HAS BEEN COMPLETE.
 - AT NO TIME SHALL MACHINERY, DEBRIS, FALLEN TREES OR OTHER MATERIALS BE PLACED, STOCKPILED OR LEFT STANDING IN THE TREE PROTECTION ZONE.
 - SOIL MODIFICATIONS:
 - CONTRACTOR SHALL ATTAIN A SOIL TEST FOR ALL AREAS OF THE SITE PRIOR TO CONDUCTING ANY PLANTING. SOIL TESTS SHALL BE PERFORMED BY A CERTIFIED SOIL LABORATORY.
 - LANDSCAPE CONTRACTOR SHALL REPORT ANY SOIL OR DRAINAGE CONDITIONS CONSIDERED DETRIMENTAL TO THE GROWTH OF PLANT MATERIAL. SOIL MODIFICATIONS AS SPECIFIED HEREIN, MAY NEED TO BE CONDUCTED BY THE LANDSCAPE CONTRACTOR DEPENDING ON SITE CONDITIONS.
 - THE FOLLOWING AMENDMENTS AND QUANTITIES ARE APPROXIMATE AND ARE FOR BIDDING PURPOSES ONLY. COMPOSITION OF AMENDMENTS SHOULD BE REVISED DEPENDING ON THE OUTCOME OF A TOPSOIL ANALYSIS PERFORMED BY A CERTIFIED SOIL LABORATORY.
 - TO INCREASE A SANDY SOIL'S ABILITY TO RETAIN WATER AND NUTRIENTS, THOROUGHLY TILL ORGANIC MATTER INTO THE TOP 6-12". USE COMPOSTED BARK, COMPOSTED LEAF MULCH OR PEAT MOSS. ALL PRODUCTS SHOULD BE COMPOSTED TO A DARK COLOR AND BE FREE OF PIECES WITH IDENTIFIABLE LEAF OR WOOD STRUCTURE. AVOID MATERIAL WITH A PH HIGHER THAN 7.5.
 - TO INCREASE DRAINAGE, MODIFY HEAVY CLAY OR SILT (MORE THAN 40% CLAY OR SILT) BY ADDING COMPOSTED PINE BARK (UP TO 30% BY VOLUME) AND/OR AGRICULTURAL GYPSUM. COARSE SAND MAY BE USED IF ENOUGH IS ADDED TO BRING THE SAND CONTENT TO MORE THAN 60% OF THE TOTAL MIX. SUBSURFACE DRAINAGE LINES MAY NEED TO BE ADDED TO INCREASE DRAINAGE.
 - MODIFY EXTREMELY SANDY SOILS (MORE THAN 85%) BY ADDING ORGANIC MATTER AND/OR DRY, SHREDDED CLAY LOAM UP TO 30% OF THE TOTAL MIX.
 - FINISHED GRADING:
 - UNLESS OTHERWISE CONTRACTED, THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF TOPSOIL AND THE FINISHED GRADING WITHIN THE DISTURBANCE AREA OF THE SITE.
 - LANDSCAPE CONTRACTOR SHALL VERIFY THAT SUBGRADE FOR INSTALLATION OF TOPSOIL HAS BEEN ESTABLISHED. THE SUBGRADE OF THE SITE MUST MEET THE FINISHED GRADE LESS THE REQUIRED TOPSOIL THICKNESS (1").
 - ALL LAWN AND PLANTING AREAS SHALL BE GRADED TO A SMOOTH, EVEN AND UNIFORM PLANE WITH NO ABRUPT CHANGE OF SURFACE AS DEPICTED WITHIN THIS SET OF CONSTRUCTION PLANS, UNLESS OTHERWISE DIRECTED BY THE PROJECT ENGINEER OR LANDSCAPE ARCHITECT.
 - ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED TO ALLOW FREE FLOW OF SURFACE WATER IN AND AROUND THE PLANTING BEDS. STANDING WATER SHALL NOT BE PERMITTED IN PLANTING BEDS.
 - TOPSOILING:
 - CONTRACTOR SHALL PROVIDE A 6" THICK MINIMUM LAYER OF TOPSOIL, OR AS DIRECTED BY THE LOCAL ORDINANCE OR CLIENT, IN ALL PLANTING AREAS. TOPSOIL SHOULD BE SPREAD OVER A PREPARED SURFACE IN A UNIFORM LAYER TO ACHIEVE THE DESIRED COMPACTED THICKNESS.
 - ON-SITE TOPSOIL MAY BE USED TO SUPPLEMENT THE TOTAL AMOUNT REQUIRED. TOPSOIL FROM THE SITE MAY BE REJECTED IF IT HAS NOT BEEN PROPERLY REMOVED, STORED AND PROTECTED PRIOR TO CONSTRUCTION.
 - CONTRACTOR SHALL FURNISH TO THE APPROVING AGENCY AN ANALYSIS OF BOTH IMPORTED AND ON-SITE TOPSOIL TO BE UTILIZED IN ALL PLANTING AREAS. THE PH AND NUTRIENT LEVELS MAY NEED TO BE ADJUSTED THROUGH SOIL MODIFICATIONS AS NEEDED TO ACHIEVE THE REQUIRED LEVELS AS SPECIFIED IN THE MATERIALS SECTION ABOVE.
 - ALL LAWN AREAS ARE TO BE CULTIVATED TO A DEPTH OF SIX INCHES (6"). ALL DEBRIS EXPOSED FROM EXCAVATION AND CULTIVATION SHALL BE DISPOSED OF IN ACCORDANCE WITH GENERAL WORK PROCEDURES SECTION ABOVE. THE FOLLOWING SHALL BE TILLED INTO THE TOP FOUR INCHES (4") IN TWO DIRECTIONS; (QUANTITIES BASED ON A 1,000 SQUARE FOOT AREA - FOR BID PURPOSES ONLY [SEE SPECIFICATION 6.A.1]):
 - 20 POUNDS "GRO-POWER" OR APPROVED SOIL CONDITIONER/FERTILIZER
 - 20 POUNDS NITRO-FORM (COURSE) 38-0-0 BLUE CHIP OR APPROVED NITROGEN FERTILIZER
 - THE SPREADING OF TOPSOIL SHALL NOT BE CONDUCTED UNDER MUDDY OR FROZEN CONDITIONS.
 - PLANTING:
 - INSOFAR THAT IT IS FEASIBLE, PLANT MATERIAL SHALL BE PLANTED ON THE DAY OF DELIVERY. IN THE EVENT THAT THIS IS NOT POSSIBLE, LANDSCAPE CONTRACTOR SHALL PROTECT UNINSTALLED PLANT MATERIAL. PLANTS SHALL NOT REMAIN UNPLANTED FOR LONGER THAN A THREE DAY PERIOD AFTER DELIVERY. PLANTS THAT WILL NOT BE PLANTED FOR A PERIOD OF TIME GREATER THAN THREE DAYS SHALL BE HEALED IN WITH TOPSOIL OR HELP PRESERVE ROOT MOISTURE.
 - PLANTING OPERATIONS SHALL BE PERFORMED DURING PERIODS WITHIN THE PLANTING SEASON WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE AND IN ACCORDANCE WITH ACCEPTED LOCAL PRACTICE. PLANTS SHALL NOT BE INSTALLED IN TOPSOIL THAT IS IN A MUDDY OR FROZEN CONDITION.
 - ANY INJURED ROOTS OR BRANCHES SHALL BE PRUNED TO MAKE CLEAN CUT ENDS PRIOR TO PLANTING UTILIZING CLEAN, SHARP TOOLS. ONLY INJURED OR DISEASED BRANCHING SHALL BE REMOVED.
 - ALL PLANTING CONTAINERS, BASKETS AND NON-BIODEGRADABLE MATERIALS SHALL BE REMOVED FROM ROOT BALLS DURING PLANTING. NATURAL FIBER BURLAP MUST BE CUT FROM AROUND THE TRUNK OF THE TREE AND FOLDED DOWN AGAINST THE ROOT BALL PRIOR TO BACKFILLING.
 - POSITION TREES AND SHRUBS AT THEIR INTENDED LOCATIONS AS PER THE PLANS AND SECURE THE APPROVAL OF THE LANDSCAPE ARCHITECT PRIOR TO EXCAVATING PITS, MAKING NECESSARY ADJUSTMENTS AS DIRECTED.
 - PRIOR TO THE ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY, THE PROPOSED LANDSCAPE, AS SHOWN ON THE APPROVED LANDSCAPE PLAN, MUST BE INSTALLED, INSPECTED AND APPROVED BY THE APPROVING AGENCY. THE APPROVING AGENCY SHALL TAKE INTO ACCOUNT SEASONAL CONSIDERATIONS IN THIS REGARD AS FOLLOWS:
 - THE PLANTING OF TREES, SHRUBS, VINES OR GROUND COVER SHALL OCCUR ONLY DURING THE FOLLOWING PLANTING SEASONS:
 - PLANTS: MARCH 15 TO DECEMBER 15
 - LAWN: MARCH 15 TO JUNE 15 OR SEPT. 1 TO DECEMBER 1
 - PLANTINGS REQUIRED FOR A CERTIFICATE OF OCCUPANCY SHALL BE PROVIDED DURING THE NEXT APPROPRIATE SEASON AT THE MUNICIPALITY'S DISCRETION. CONTRACTOR SHOULD CONTACT APPROVING AGENCY FOR POTENTIAL SUBSTITUTIONS.
 - FURTHERMORE, THE FOLLOWING TREE VARIETIES ARE UNUSUALLY SUSCEPTIBLE TO WINTER DAMAGE. WITH TRANSPLANT SHOCK AND THE SEASONAL LACK OF NITROGEN AVAILABILITY, THE RISK OF PLANT DEATH IS GREATLY INCREASED. IT IS NOT RECOMMENDED THAT THESE SPECIES BE PLANTED DURING THE FALL PLANTING SEASON:

ACER RUBRUM	PLATANUS X ACERIFOLIA
BETULA VARIETIES	POPULUS VARIETIES
CARPINUS VARIETIES	PRUNUS VARIETIES
CRATAEGUS VARIETIES	PYRUS VARIETIES
NOELFUEERIA	QUERCUS VARIETIES
LIQUIDAMBAR STRYACIFLUA	TILIA TOMENTOSA
LIRIODENDRON TULIPIFERA	ZELKOVA VARIETIES
 - PLANTING PITS SHALL BE DUG WITH LEVEL BOTTOMS, WITH THE WIDTH TWICE THE DIAMETER OF ROOT BALL. THE ROOT BALL SHALL REST ON UNDISTURBED GRADE. EACH PLANT PIT SHALL BE BACKFILLED IN LAYERS WITH THE FOLLOWING PREPARED SOIL MIXES THOROUGHLY:
 - 1 PART PEAT MOSS
 - 1 PART COMPOSTED COW MANURE BY VOLUME
 - 3 PARTS TOPSOIL BY VOLUME
 - 21 GRAMS "AGRIFORM" PLANTING TABLETS (OR APPROVED EQUAL) AS FOLLOWS:
 - 2 TABLETS PER 1 GALLON PLANT
 - 3 TABLETS PER 5 GALLON PLANT
 - 4 TABLETS PER 15 GALLON PLANT
 - LARGER PLANTS: 2 TABLETS PER 1/2" CALIPER OF TRUNK
 - FILL PREPARED SOIL AROUND BALL OF PLANT HALF-WAY AND INSERT PLANT TABLETS. COMPLETE BACKFILL AND WATER THOROUGHLY.
 - ALL PLANTS SHALL BE PLANTED SO THAT THE TOP OF THE ROOT BALL, THE POINT AT WHICH THE ROOT FLARE BEGINS, IS SET AT GROUND LEVEL AND IN THE CENTER OF THE PIT. NO SOIL IS TO BE PLACED DIRECTLY ON TOP OF THE ROOT BALL.
 - ALL PROPOSED TREES DIRECTLY ADJACENT TO WALKWAYS OR DRIVEWAYS SHALL BE PRUNED AND MAINTAINED TO A MINIMUM BRANCHING HEIGHT OF 7' FROM GRADE.
 - GROUND COVER AREAS SHALL RECEIVE A 1/2" LAYER OF HUMUS RAKED INTO THE TOP 1" OF PREPARED SOIL PRIOR TO PLANTING. ALL GROUND COVER AREAS SHALL BE WEEDED AND TREATED WITH A PRE-EMERGENT CHEMICAL AS PER MANUFACTURER'S RECOMMENDATION.
 - NO PLANT, EXCEPT GROUND COVERS, GRASSES OR VINES, SHALL BE PLANTED LESS THAN TWO FEET (2') FROM EXISTING WALKWAYS AND SIDEWALKS.
 - ALL PLANTING AREAS AND PLANTING PITS SHALL BE MULCHED AS SPECIFIED HEREIN TO FILL THE ENTIRE BED AREA OR SAUCER. NO MULCH IS TO TOUCH THE TRUNK OF THE TREE OR SHRUB.
 - ALL PLANTING AREAS SHALL BE WATERED IMMEDIATELY UPON INSTALLATION IN ACCORDANCE WITH THE WATERING SPECIFICATIONS AS LISTED HEREIN.
 - TRANSPLANTING (WHEN REQUIRED):
 - ALL TRANSPLANTS SHALL BE DUG WITH INTACT ROOT BALLS CAPABLE OF SUSTAINING THE PLANT.
 - IF PLANTS ARE TO BE STOCKPILED BEFORE REPLANTING, THEY SHALL BE HEALED IN WITH MULCH OR SOIL, ADEQUATELY WATERED AND PROTECTED FROM EXTREME HEAT, SUN AND WIND.
 - PLANTS SHALL NOT BE DUG FOR TRANSPLANTING BETWEEN APRIL 10 AND JUNE 30.
 - UPON REPLANTING, BACKFILL SOIL SHALL BE AMENDED WITH FERTILIZER AND ROOT GROWTH HORMONE.
 - TRANSPLANTS SHALL BE GUARANTEED FOR THE LENGTH OF THE GUARANTEE PERIOD SPECIFIED HEREIN.
 - TRANSPLANTS DIE, SHRUBS AND TREES LESS THAN SIX INCHES (6") DBH SHALL BE REPLACED IN KIND. TREES GREATER THAN SIX INCHES (6") DBH MAY BE REQUIRED TO BE REPLACED IN ACCORDANCE WITH THE MUNICIPALITY'S TREE REPLACEMENT GUIDELINES.
- WATERING:
 - NEW PLANTINGS OR LAWN AREAS SHALL BE ADEQUATELY IRRIGATED BEGINNING IMMEDIATELY AFTER PLANTING. WATER SHALL BE APPLIED TO EACH TREE AND SHRUB IN SUCH MANNER AS NOT TO DISTURB BACKFILL AND TO THE EXTENT THAT ALL MATERIALS IN THE PLANTING HOLE ARE THOROUGHLY SATURATED. WATERING SHALL CONTINUE AT LEAST UNTIL PLANTS ARE ESTABLISHED.
 - SITE OWNER SHALL PROVIDE WATER IF AVAILABLE ON SITE AT TIME OF PLANTING. IF WATER IS NOT AVAILABLE ON SITE, CONTRACTOR SHALL SUPPLY ALL NECESSARY WATER. THE USE OF WATERING BAGS IS RECOMMENDED FOR ALL NEWLY PLANTED TREES.
 - IF AN IRRIGATION SYSTEM HAS BEEN INSTALLED ON THE SITE, IT SHALL BE USED TO WATER PROPOSED PLANT MATERIAL, BUT ANY FAILURE OF THE SYSTEM DOES NOT ELIMINATE THE CONTRACTOR'S RESPONSIBILITY OF MAINTAINING THE DESIRED MOISTURE LEVEL FOR VIGOROUS, HEALTHY GROWTH.
- GUARANTEE:
 - THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANTS FOR A PERIOD OF 1 YEAR FROM APPROVAL OF LANDSCAPE INSTALLATION BY THE APPROVING AGENCY. CONTRACTOR SHALL SUPPLY THE OWNER WITH A MAINTENANCE BOND FOR TEN PERCENT (10%) OF THE VALUE OF THE LANDSCAPE INSTALLATION WHICH WILL BE RELEASED AT THE CONCLUSION OF THE GUARANTEE PERIOD AND WHEN A FINAL INSPECTION HAS BEEN COMPLETED AND APPROVED BY THE OWNER OR AUTHORIZED REPRESENTATIVE.
 - ANY DEAD OR DYING PLANT MATERIAL SHALL BE REPLACED FOR THE LENGTH OF THE GUARANTEE PERIOD. REPLACEMENT OF PLANT MATERIAL SHALL BE CONDUCTED AT THE FIRST SUCCEEDING PLANTING SEASON. ANY DEBRIS SHALL BE DISPOSED OF OFF-SITE, WITHOUT EXCEPTION.
 - TREES AND SHRUBS SHALL BE MAINTAINED BY THE CONTRACTOR DURING CONSTRUCTION AND THROUGHOUT THE 90 DAY MAINTENANCE PERIOD AS SPECIFIED HEREIN. CULTIVATION, WEEDING, WATERING AND THE PREVENTATIVE TREATMENTS SHALL BE PERFORMED AS NECESSARY TO KEEP PLANT MATERIAL IN GOOD CONDITION AND FREE OF INSECTS AND DISEASE.
 - LAWNS SHALL BE MAINTAINED THROUGH WATERING, FERTILIZING, WEEDING, MOWING, TRIMMING AND OTHER OPERATIONS SUCH AS ROLLING, REGARDING REPLANTING AS REQUIRED TO ESTABLISH A SMOOTH, ACCEPTABLE LAWN, FREE OF ERODED OR BARE AREAS.
- CLEANUP:
 - UPON THE COMPLETION OF ALL LANDSCAPE INSTALLATION AND BEFORE THE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL UNUSED MATERIALS, EQUIPMENT AND DEBRIS FROM THE SITE. ALL PAVED AREAS ARE TO BE CLEANED.
 - THE SITE SHALL BE CLEANED AND LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER OR AUTHORIZED REPRESENTATIVE.
- MAINTENANCE (ALTERNATIVE BID):
 - A 90 DAY MAINTENANCE PERIOD SHALL COMMENCE AT THE END OF ALL LANDSCAPE INSTALLATION OPERATIONS. THE 90 DAY MAINTENANCE PERIOD ENSURES TO THE OWNER/OPERATOR THAT THE NEWLY INSTALLED LANDSCAPING HAS BEEN MAINTAINED AS SPECIFIED ON THE APPROVED LANDSCAPE PLAN. ONCE THE INITIAL 90 DAY MAINTENANCE PERIOD HAS EXPIRED, THE OWNER/OPERATOR MAY REQUEST THAT BIDDERS SUBMIT AN ALTERNATE MAINTENANCE BID FOR A MONTHLY MAINTENANCE CONTRACT. THE ALTERNATE MAINTENANCE CONTRACT WILL ENCOMPASS ANY WORK THAT IS CONSIDERED APPROPRIATE TO ENSURE THAT PLANT AND LAWN AREAS ARE HEALTHY AND MANICURED TO THE APPROVAL OF THE OWNER/OPERATOR.

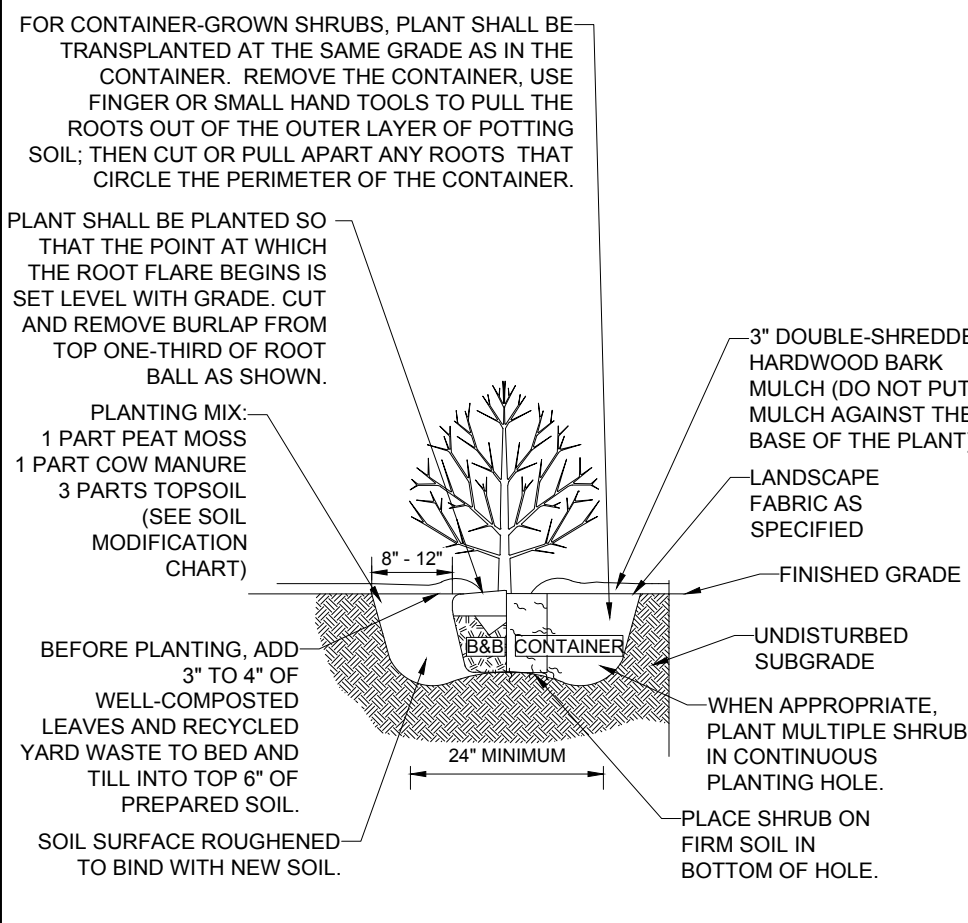
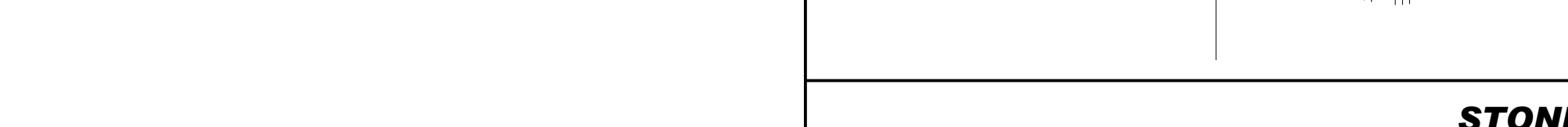
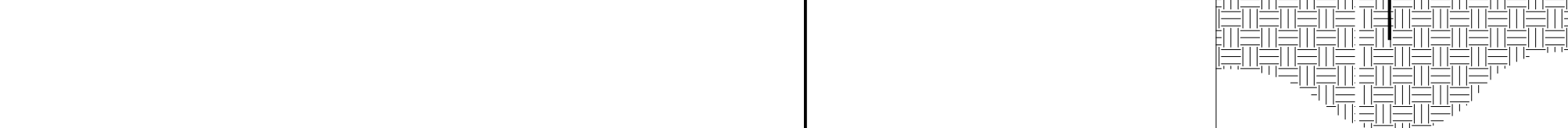
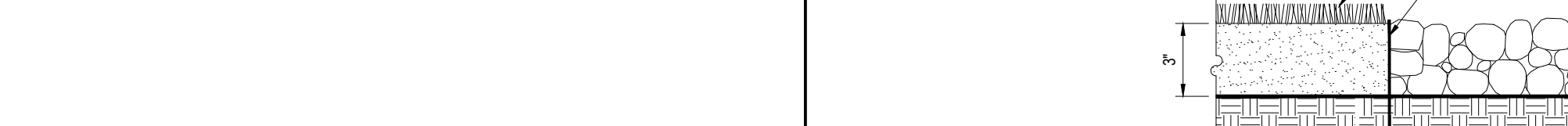
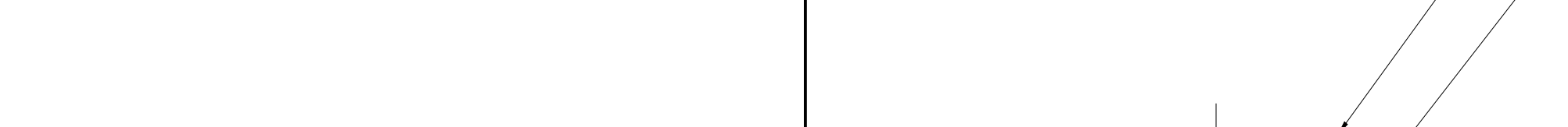
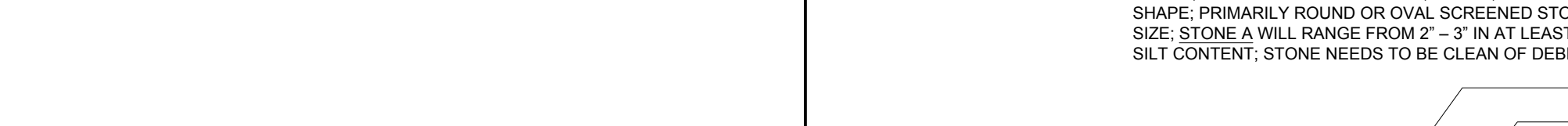
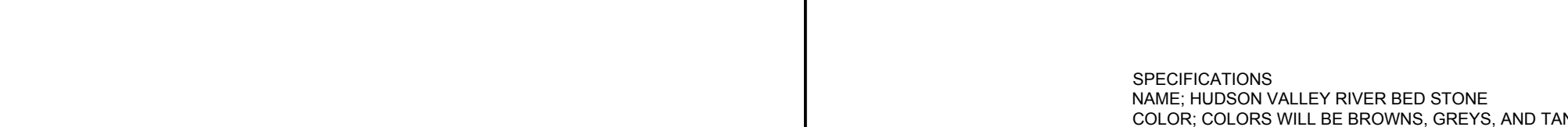
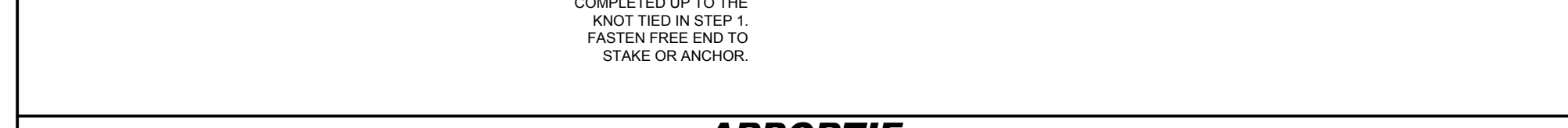
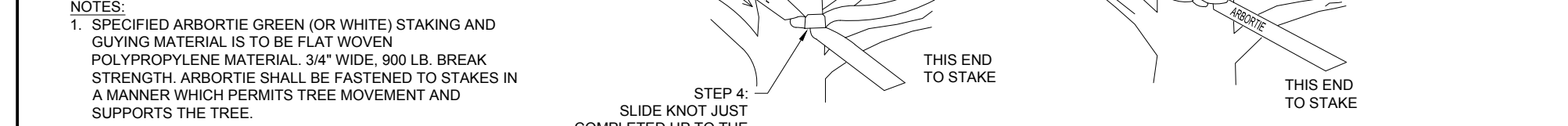
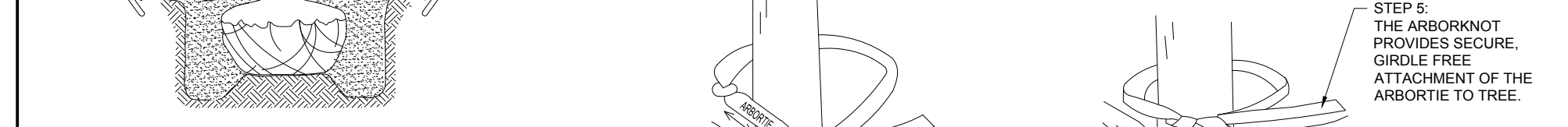
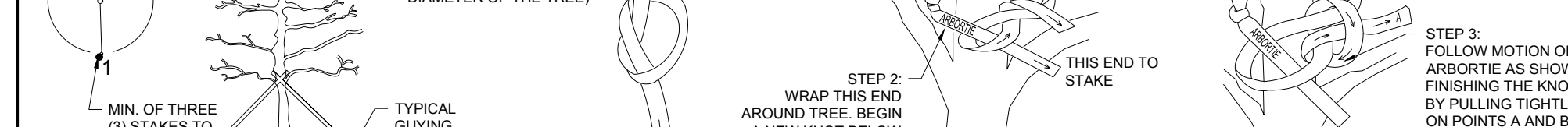
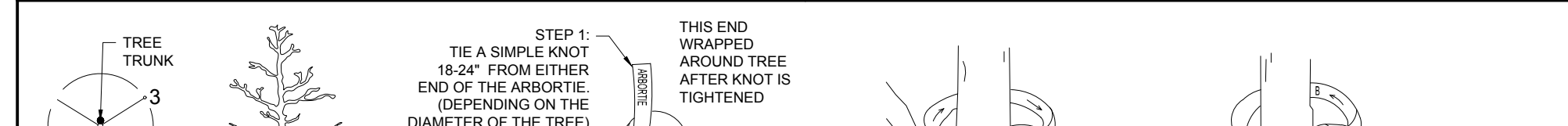
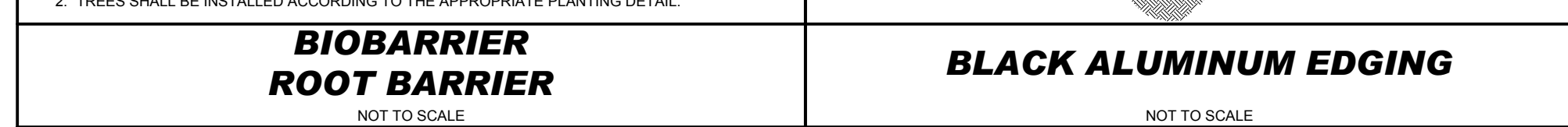
- | | |
|----------|--|
| SEASONS: | PLANTS: MARCH 15 TO DECEMBER 15 |
| (1a) | LAWN: MARCH 15 TO JUNE 15 OR SEPT. 1 TO DECEMBER 1 |
| (1c) | PLANTINGS REQUIRED FOR A CERTIFICATE OF OCCUPANCY SHALL BE PROVIDED DURING THE NEXT APPROPRIATE SEASON AT THE MUNICIPALITY'S DISCRETION. CONTRACTOR SHOULD CONTACT APPROVING AGENCY FOR POTENTIAL SUBSTITUTIONS. |
| (g) | FURTHERMORE, THE FOLLOWING TREE VARIETIES ARE UNUSUALLY SUSCEPTIBLE TO WINTER DAMAGE. WITH TRANSPLANT SHOCK AND THE SEASONAL LACK OF NITROGEN AVAILABILITY, THE RISK OF PLANT DEATH IS GREATLY INCREASED. IT IS NOT RECOMMENDED THAT THESE SPECIES BE PLANTED DURING THE FALL PLANTING SEASON: |
| | ACER RUBRUM
BETULA VARIETIES
CARPINUS VARIETIES
CRATAEGUS VARIETIES
NOELFUEERIA
LIQUIDAMBAR STRYACIFLUA
LIRIODENDRON TULIPIFERA |
| (h) | PLANTING PITS SHALL BE DUG WITH LEVEL BOTTOMS, WITH THE WIDTH TWICE THE DIAMETER OF ROOT BALL. THE ROOT BALL SHALL REST ON UNDISTURBED GRADE. EACH PLANT PIT SHALL BE BACKFILLED IN LAYERS WITH THE FOLLOWING PREPARED SOIL MIXES THOROUGHLY: |
| (1a) | 1 PART PEAT MOSS |
| (1b) | 1 PART COMPOSTED COW MANURE BY VOLUME |
| (1c) | 3 PARTS TOPSOIL BY VOLUME |
| (1d) | 21 GRAMS "AGRIFORM" PLANTING TABLETS (OR APPROVED EQUAL) AS FOLLOWS: |
| (1d)(a) | 2 TABLETS PER 1 GALLON PLANT |
| (1d)(b) | 3 TABLETS PER 5 GALLON PLANT |
| (1d)(c) | 4 TABLETS PER 15 GALLON PLANT |
| (1d)(d) | LARGER PLANTS: 2 TABLETS PER 1/2" CALIPER OF TRUNK |
| (i) | FILL PREPARED SOIL AROUND BALL OF PLANT HALF-WAY AND INSERT PLANT TABLETS. COMPLETE BACKFILL AND WATER THOROUGHLY. |
| (j) | ALL PLANTS SHALL BE PLANTED SO THAT THE TOP OF THE ROOT BALL, THE POINT AT WHICH THE ROOT FLARE BEGINS, IS SET AT GROUND LEVEL AND IN THE CENTER OF THE PIT. NO SOIL IS TO BE PLACED DIRECTLY ON TOP OF THE ROOT BALL. |
| (k) | ALL PROPOSED TREES DIRECTLY ADJACENT TO WALKWAYS OR DRIVEWAYS SHALL BE PRUNED AND MAINTAINED TO A MINIMUM BRANCHING HEIGHT OF 7' FROM GRADE. |
| (l) | GROUND COVER AREAS SHALL RECEIVE A 1/2" LAYER OF HUMUS RAKED INTO THE TOP 1" OF PREPARED SOIL PRIOR TO PLANTING. ALL GROUND COVER AREAS SHALL BE WEEDED AND TREATED WITH A PRE-EMERGENT CHEMICAL AS PER MANUFACTURER'S RECOMMENDATION. |
| (m) | NO PLANT, EXCEPT GROUND COVERS, GRASSES OR VINES, SHALL BE PLANTED LESS THAN TWO FEET (2') FROM EXISTING WALKWAYS AND SIDEWALKS. |
| (n) | ALL PLANTING AREAS AND PLANTING PITS SHALL BE MULCHED AS SPECIFIED HEREIN TO FILL THE ENTIRE BED AREA OR SAUCER. NO MULCH IS TO TOUCH THE TRUNK OF THE TREE OR SHRUB. |
| (o) | ALL PLANTING AREAS SHALL BE WATERED IMMEDIATELY UPON INSTALLATION IN ACCORDANCE WITH THE WATERING SPECIFICATIONS AS LISTED HEREIN. |



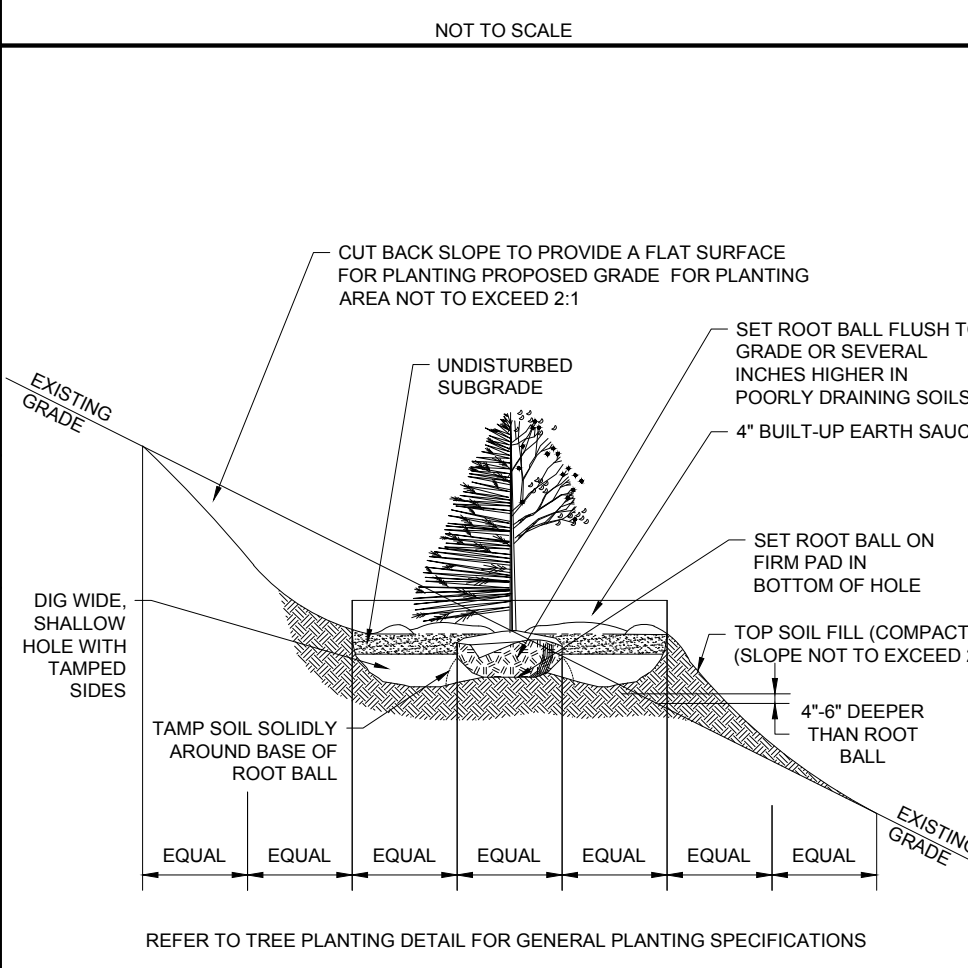
TREE PLANTING

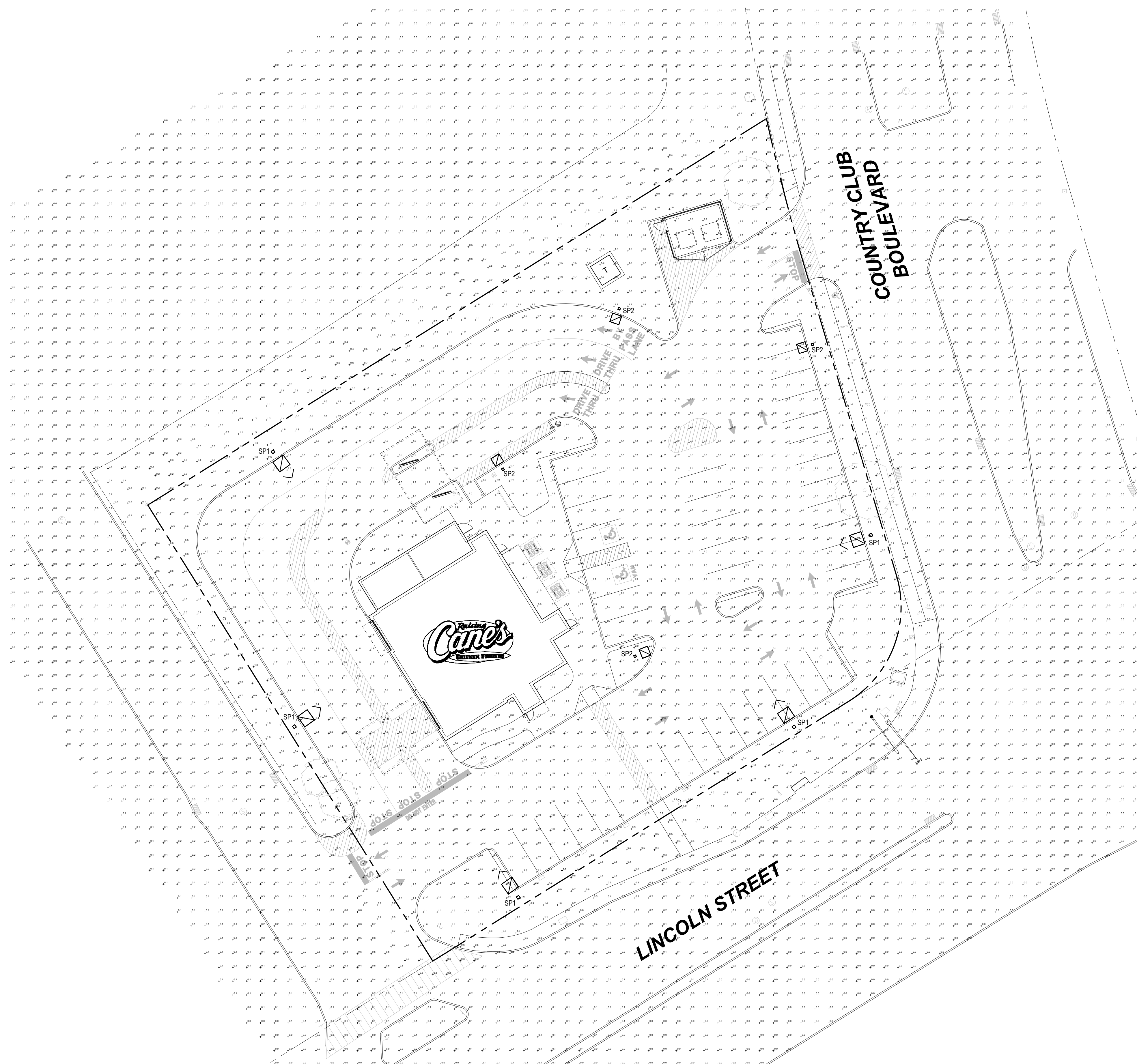


GROUND COVER PLANTING



SHRUB PLANTING

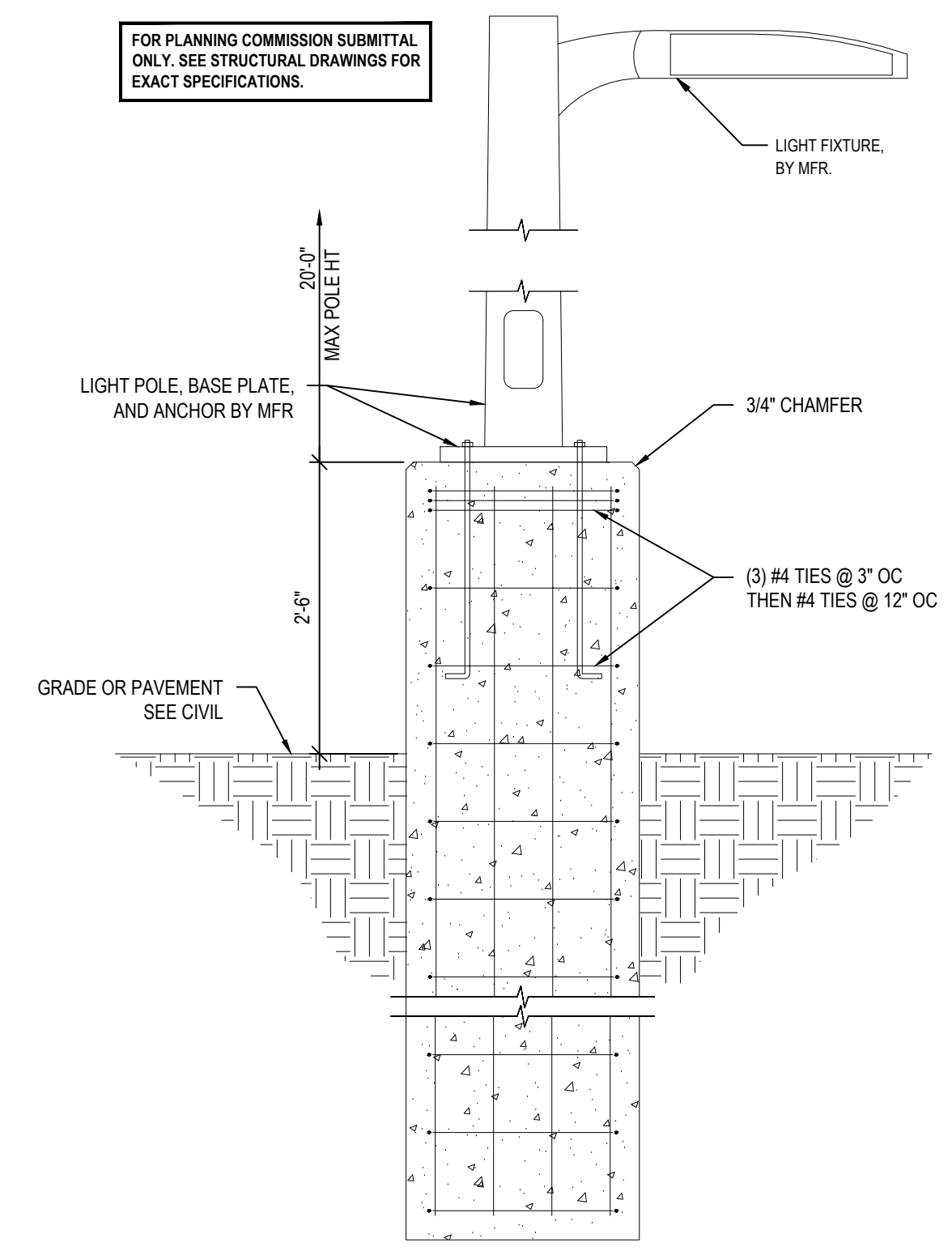




PHOTOMETRIC SITE PLAN
SCALE 1" = 20'-0"

EXTERIOR LIGHTING FIXTURE SCHEDULE				
TYPE	LAMP	WATTS	DESCRIPTION	CATALOG NO.
SP1	LED	102	LED POLE MOUNTED FIXTURE WITH TYPE IV MEDIUM DISTRIBUTION & DARK BRONZE FINISH. MOUNTED ON A 20' TALL SQUARE STRAIGHT STEEL POLE.	LITHONIA# DSX1-LED-P3-30K-T4M-MVOLT-SPA-DDBXD POLE - LITHONIA# SSS-20-5G-DM19AS-DDBXD
SP2	LED	102	LED POLE MOUNTED FIXTURE WITH TYPE V MEDIUM DISTRIBUTION & DARK BRONZE FINISH. MOUNTED ON A 20' TALL SQUARE STRAIGHT STEEL POLE.	LITHONIA# DSX1-LED-P3-30K-T5M-MVOLT-SPA-DDBXD POLE - LITHONIA# SSS-20-5G-DM19AS-DDBXD

STATISTICS (VALUES ARE MAINTAINED)					
Description	Avg	Max	Min	Max/Min	Avg/Min
PARKING FIELD	2.0 fc	3.4 fc	0.9 fc	3.8:1	2.2:1
PROPERTY LINE	0.1 fc	1.6 fc	0.0 fc	N/A	N/A



1 TYPICAL LIGHT POLE BASE DETAIL
SCALE: 3/4"=1'-0"



Restaurant Support Office
6800 Bishop Road, Plano, TX 75024
Tel: 972-769-3100 Fax: 972-769-3101

STORE:
RAISING CANE'S RESTAURANT
494 LINCOLN ST.
WORCESTER, MA 01605
PROTOTYPE: P6-V-Av
SCHEME: B
RESTAURANT #RC1233



17710 Detroit Avenue, Lakewood, Ohio 44107
Phone (216) 321-3134 Fax (216) 321-4624
www.adaarchitects.com

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ENGINEER INFORMATION:

SHEET REVISIONS		
#	DATE	TYPE
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

PHOTOMETRIC SITE PLAN

DATE: 10/1/2024
JOB NO. 24164

PH1.0
SHEET NO.



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ENGINEER INFORMATION:

SHEET REVISIONS table with columns #, DATE, TYPE

EXTERIOR LIGHT FIXTURE CUT SHEETS

DATE: 10/1/2024
JOB NO. 24164

PH1.1 SHEET NO.

D-Series Size 1 LED Area Luminaire Fixture Type SP1. Includes specifications (EPA, Length, Width, Height H1, Height H2, Weight) and a cutaway diagram.

Ordering Information table for Fixture Type SP1. Includes columns for DSX1 LED, P3, 30K, 70CRI, T4M, MVOLT, SPA. Includes sub-tables for Control options, Shipped installed, and DDBXD.

D-Series Size 1 LED Area Luminaire Fixture Type SP2. Includes specifications (EPA, Length, Width, Height H1, Height H2, Weight) and a cutaway diagram.

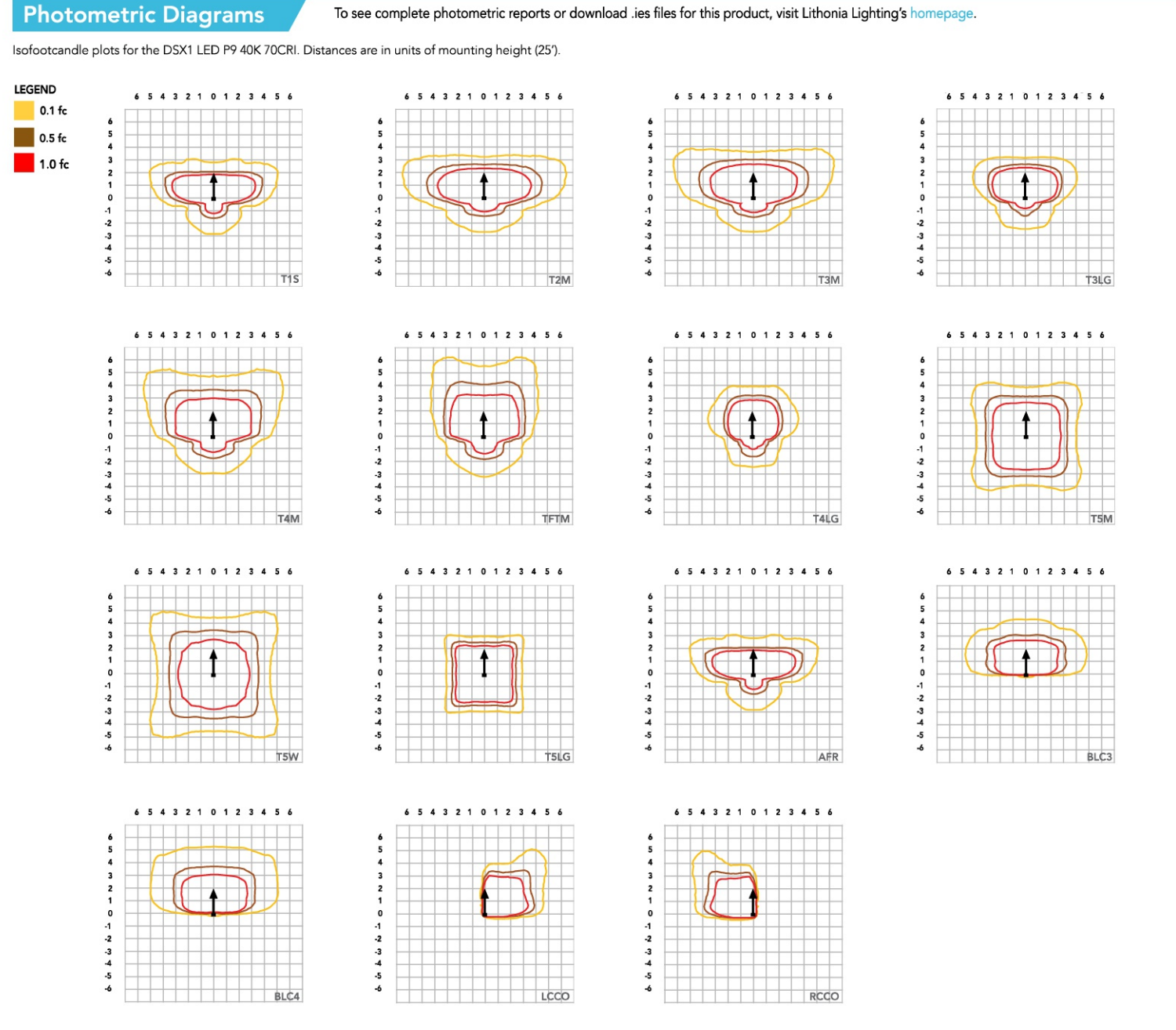
Ordering Information table for Fixture Type SP2. Includes columns for DSX1 LED, P3, 30K, 70CRI, T5M, MVOLT, SPA. Includes sub-tables for Control options, Shipped installed, and DDBXD.

Ordering Information and Accessories section. Includes a list of accessories and notes regarding compatibility and ordering.

Shield Accessories section. Includes images and descriptions for External Glass Shield (EGSR) and House Side Shield (HS).

Drilling and Tenon Mounting Slipfitter section. Includes diagrams for handhole orientation and a table for slipfitter dimensions.

DSX1 Area Luminaire - EPA section. Includes a table of photometric data for various mounting configurations.



Performance Data section containing tables for Lumen Ambient Temperature (LAT) Multipliers, Projected LED Lumen Maintenance, FAO Dimming Settings, Motion Sensor Default Settings, and Controls Options.

Performance Data section containing tables for Electrical Load, Lumen Output, Lumen Color Temperature / Color Rendering Multipliers, and Controls Options.

Controls Options table with columns for Description, Functionality, Primary control device, and Notes.

Performance Data section containing tables for Lumen Output, Lumen Color Temperature / Color Rendering Multipliers, and Controls Options.

Controls Options table with columns for Description, Functionality, Primary control device, and Notes.

