

RUSSELL MEMORIAL PARK ACCESSIBILITY IMPROVEMENTS

92 S MAIN STREET · LEICESTER · MASSACHUSETTS

PERMITTING PLANS

DECEMBER 22, 2022

PREPARED FOR
TOWN OF LEICESTER
3 WASHBURN SQUARE
LEICESTER, MA 01524



PREPARED BY
FUSS & O'NEILL
108 MYRTLE STREET, SUITE 502
QUINCY, MA 02171
617.282.4675
www.fando.com

SHEET INDEX

SHEET No.	SHEET TITLE
GI0.01	COVER SHEET
CN1.01	GENERAL NOTES
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CP1.01-1.02	SITE PREPARATION AND EROSION AND SEDIMENT CONTROL PLAN
CS1.01-1.02	SITE LAYOUT AND GRADING PLAN
CD5.01 - CD5.02	CONSTRUCTION DETAILS



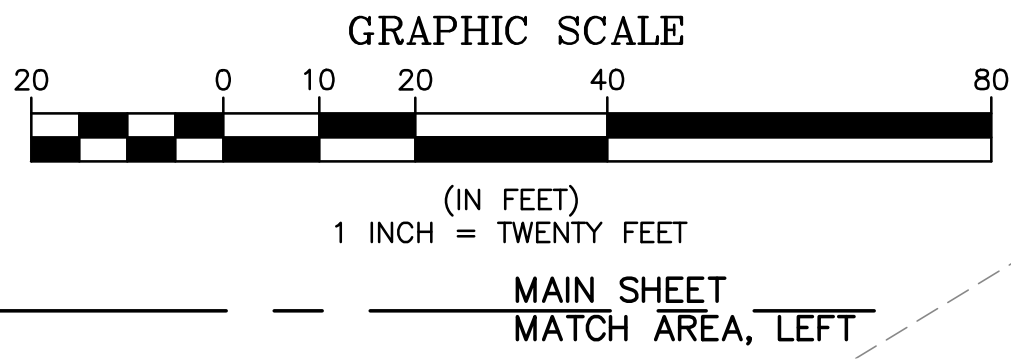
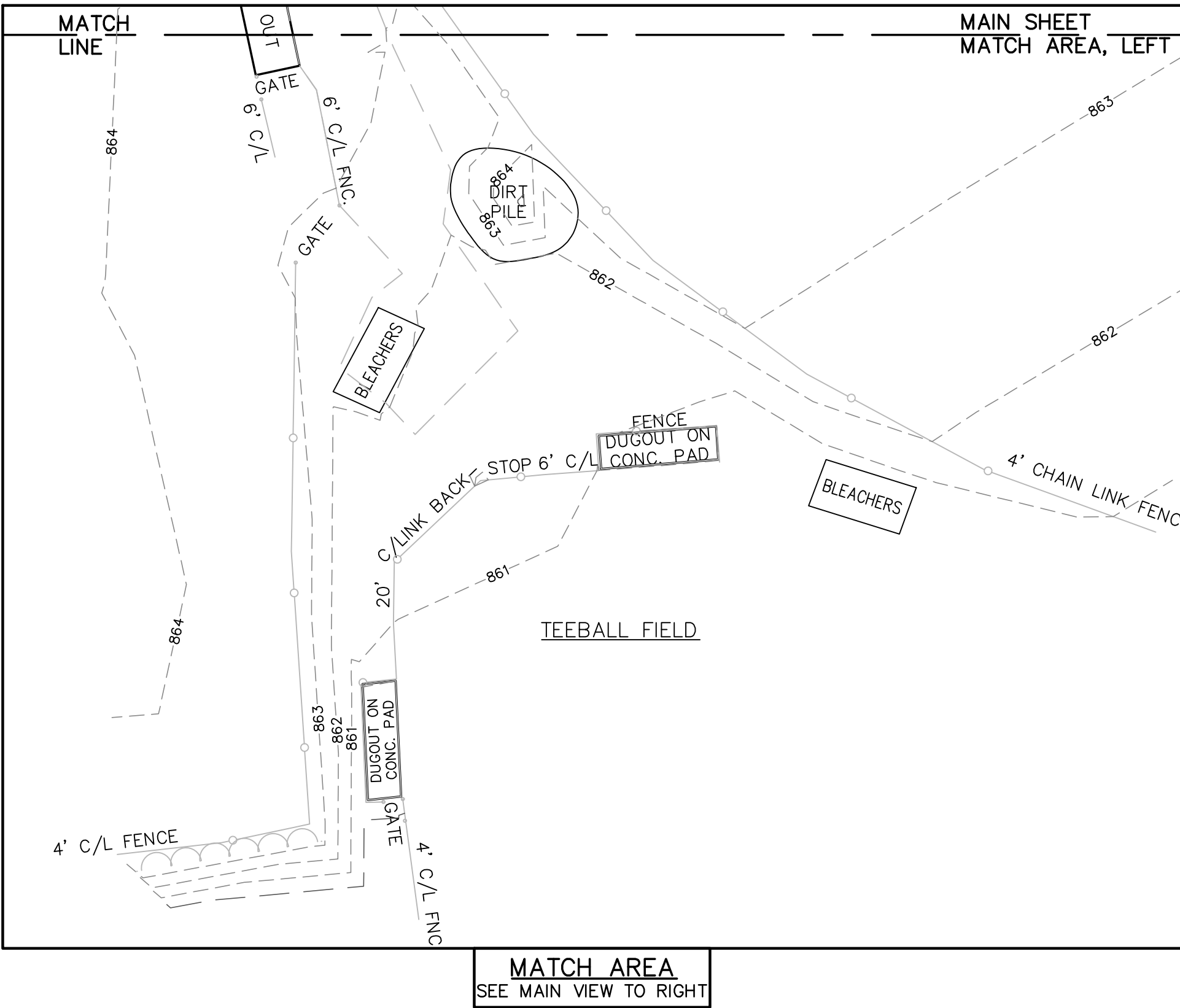
LOCATION MAP
SCALE: 1" = 250'

CN1.01

LEGEND

	SANITARY SEWER MANHOLE		BUILDING
	UTILITY POLE W/GUY		SILL LOCATION SHOT
	UTILITY POLE		CONTOUR (INDEX)
	LIGHTPOST		CONTOUR (INTERMEDIATE)
	SIGN		STORM DRAIN
	FLAGPOLE		EDGE OF VEGETATION
	CONIFEROUS TREE		EDGE OF HEDGE ROW
	DECIDUOUS TREE		CHAIN LINK FENCE
	STAKE FOUND		STONE WALL
			RIPRAP SLOPE
			RETAINING WALL
			GUARD RAIL
			EDGE OF GRAVEL
			PROPERTY LINE PER MAGIS

- NOTES:
1. THIS PLAN IS BASED ON A FIELD SURVEY BY THIS OFFICE DATED 11/24/2021 THROUGH 11/29/2021.
 2. HORIZONTAL DATUM IS NAD83. VERTICAL DATUM IS NAVD88. BOTH DATUMS WERE ESTABLISHED AT THIS SITE BY GPS METHODS.
 3. LOCATIONS OF UTILITIES SHOWN HEREON ARE THE RESULT OF SURFACE EVIDENCE AS LOCATED BY FIELD SURVEY. THIS PLAN DOES NOT DEPICT THE EXACT LOCATIONS OF ALL UTILITIES WHICH MAY EXIST AT THIS TIME WITHIN THE PREMISES SURVEYED. NO UTILITY RESEARCH WAS CONDUCTED IN ASSOCIATION WITH THIS PROJECT.
 4. THE CONTRACTOR SHOULD VERIFY THE EXISTING CONDITIONS TO HIS SATISFACTION PRIOR TO BEGINNING ANY EXCAVATION. "DIG SAFE" SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO BEGINNING ANY WORK.
 5. PROPERTY LINES SHOWN ARE BASED ON MASS GIS LOCATION. NO PROPERTY LINE RESEARCH WAS CONDUCTED IN ASSOCIATION WITH THIS PROJECT.



NO.	DATE	BY	REVISIONS

SHERMAN & FRYDRYK
Land Surveying, Engineering & Scientists
A DIVISION OF HANCOCK SURVEY ASSOCIATES, INC.
3 Converse Street, Suite 203
Palmer, MA 01069



FIELD WORK: XXX/XXX
COMPS: SBW
DRAFTING: SBW
CHECKED: DJF
APPROVED: DJF

SCALE:
HORZ: 1"=20'
VERT: N/A
DATE: 12/22/2021


EXSITING CONDITIONS PLAN

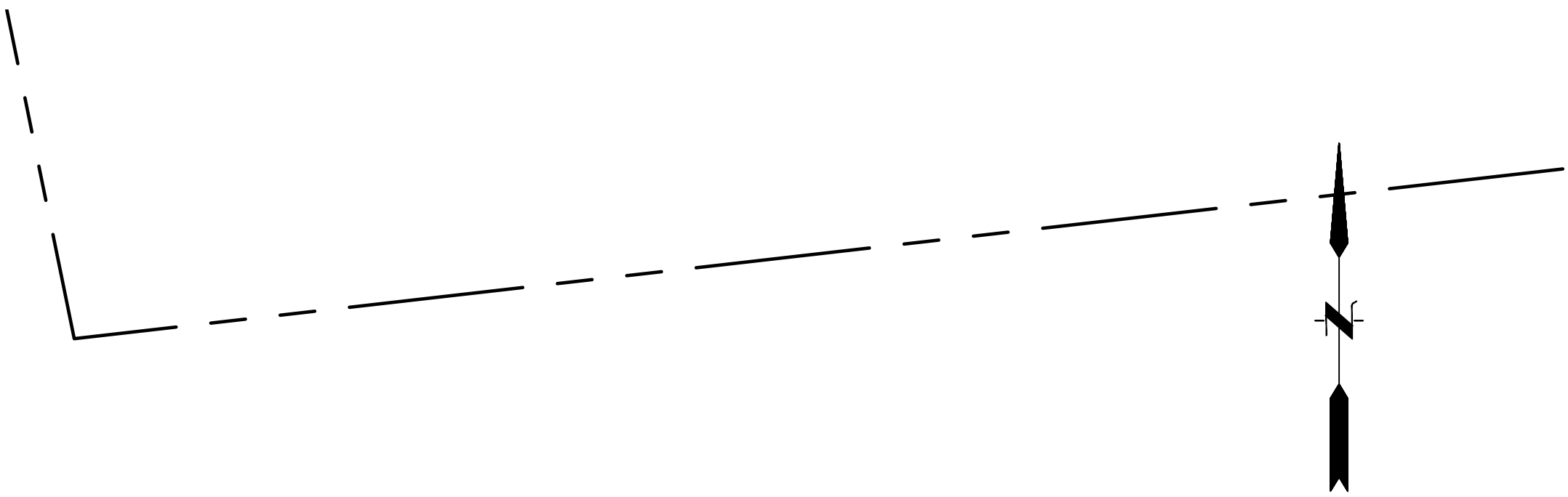
RUSSELL MEMORIAL PARK

PLAN OF LAND IN
LEICESTER MA
PREPARED FOR
FUSS & O'NEILL

PROJECT NUMBER 21203
SHEET NUMBER 1 OF 1



TOWN OF LEICESTER		INDEX MAP		RUSSELL MEMORIAL PARK		ACCESSIBILITY IMPROVEMENTS		LEICESTER		MASSACHUSETTS	
											
FUSS & O'NEILL 108 MYRTLE STREET, SUITE 502 OXFORD, MASSACHUSETTS 01771 www.fandn.com											
PROJ. No.: 20150407 A30 DATE: 12/22/2022											
CI1.00											
SCALE: HORZ.: 1" = 100' VERT.: DATUM: HORZ.: NAD83 VERT.: GRAPHIC SCALE: 100 50 0 100											
COMMONWEALTH OF MASSACHUSETTS 12/22/2022 PROFESSIONAL ENGINEER											
No. DATE DESCRIPTION DESIGNER REVIEWER											



CONSTRUCTION IS A DYNAMIC OPERATION THAT IS AFFECTED BY WEATHER AND OTHER UNANTICIPATED CONDITIONS. THEREFORE, THE LAYOUT OF EROSION AND SEDIMENT CONTROLS SHOWN ON THESE PLANS WILL LIKELY BE MODIFIED TO BEST MANAGE CHANGING FIELD CONDITIONS. THE MASSACHUSETTS EROSION AND SEDIMENT CONTROL GUIDELINES FOR URBAN AND SUBURBAN AREAS RECOGNIZE THIS. THE OWNER SHALL WORK IN CONCERT WITH THE ENGINEER, GENERAL CONTRACTOR, AND REGULATORY AGENCIES TO MODIFY THE EROSION AND SEDIMENT CONTROL GUIDELINES AS REQUIRED. AREAS ARE PERMANENTLY STABILIZED. THE FOLLOWING IS A GENERAL SEQUENCE OF MAJOR CONSTRUCTION OPERATIONS.

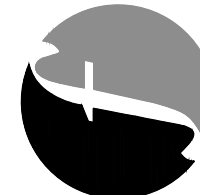
- U.P. NO#

SEE SHEET CP1.02



SCALE:	
HORZ.:	1" = 20'
VERT.:	
DATUM:	
HORZ.:	NAD83
VERT.:	NAVD88
20	10 0 20

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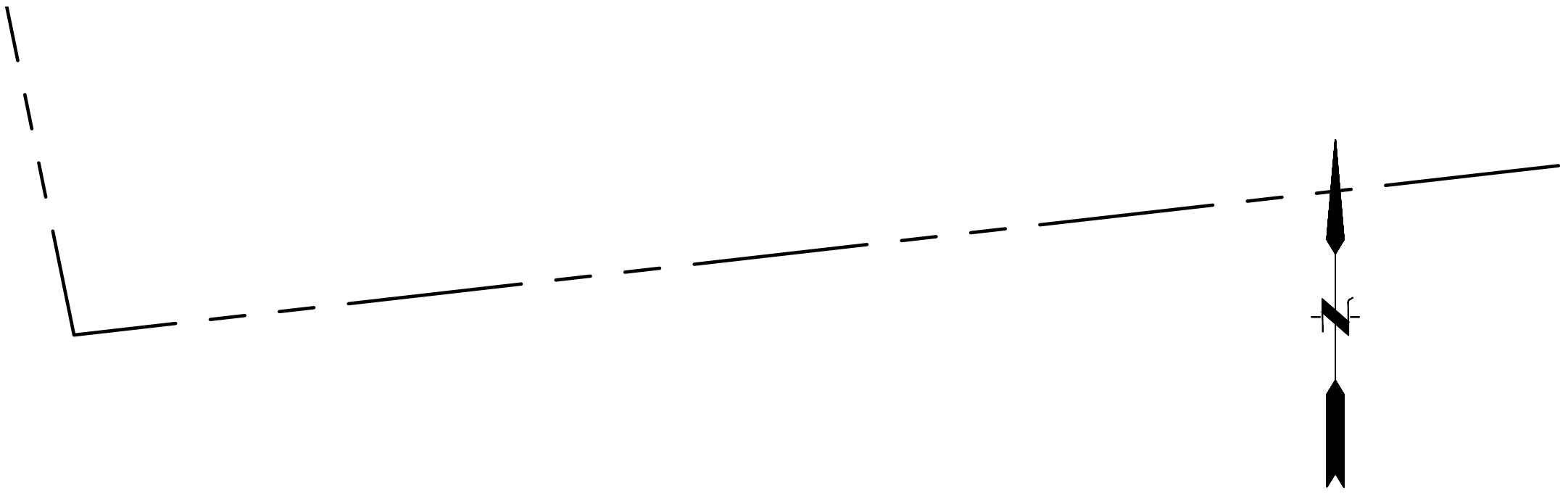


TOWN OF LEICESTER
SITE PREPARATION AND EROSION AND
SEDIMENT CONTROL PLAN
RUSSELL MEMORIAL PARK
ACCESSIBILITY IMPROVEMENTS

PROJ. No.: 20150407.A3
DATE: 12/22/2022


CP1.01





SEE SHEET CS1.02



SCALE:	
HORZ.:	1" = 20'
VERT.:	
DATUM:	
HORZ.:	NAD83
VERT.:	NAVD88
	
GRAPHIC SCALE	



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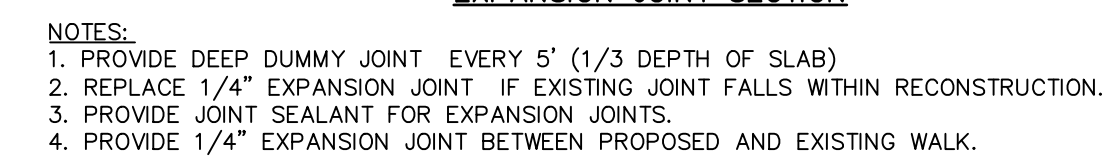
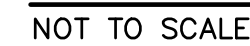
TOWN OF LEICESTER
SITE LAYOUT AND GRADING PLAN
RUSSELL MEMORIAL PARK
ACCESSIBILITY IMPROVEMENTS

PROJ. No.: 20150407.A30
DATE: 12/22/2022

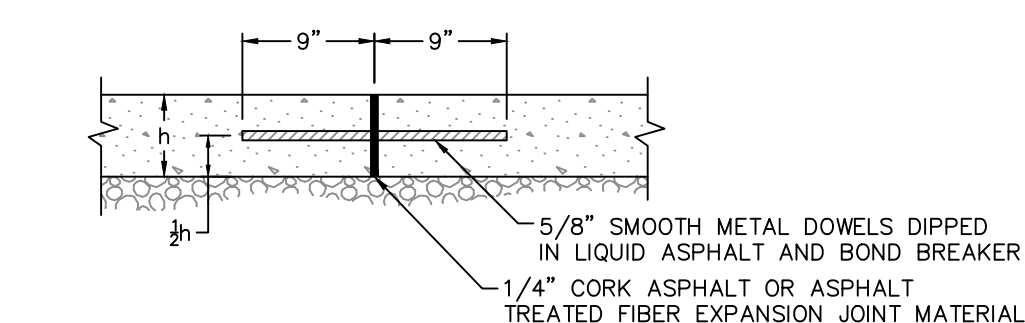
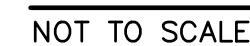
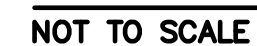
CS1.02

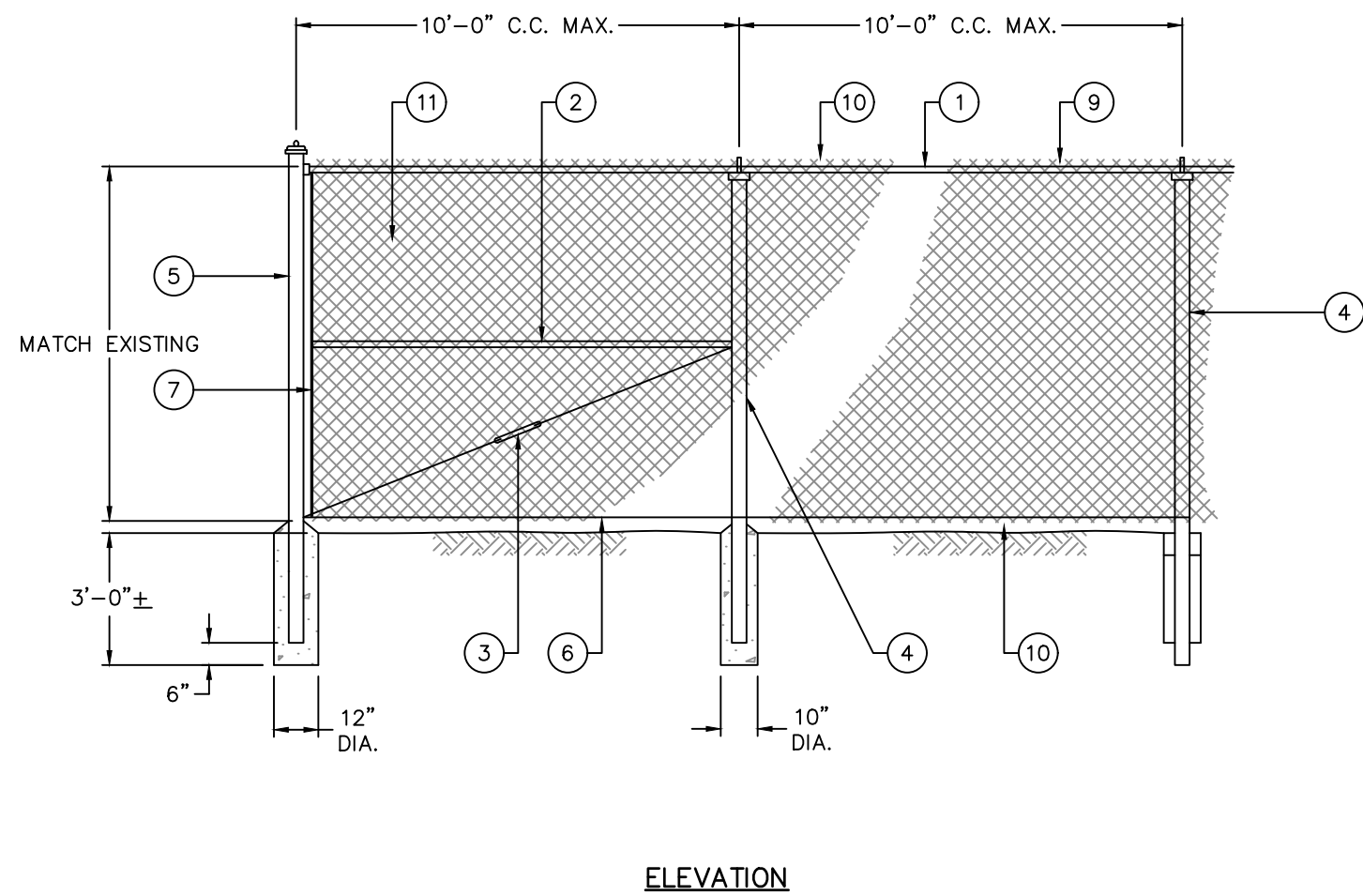


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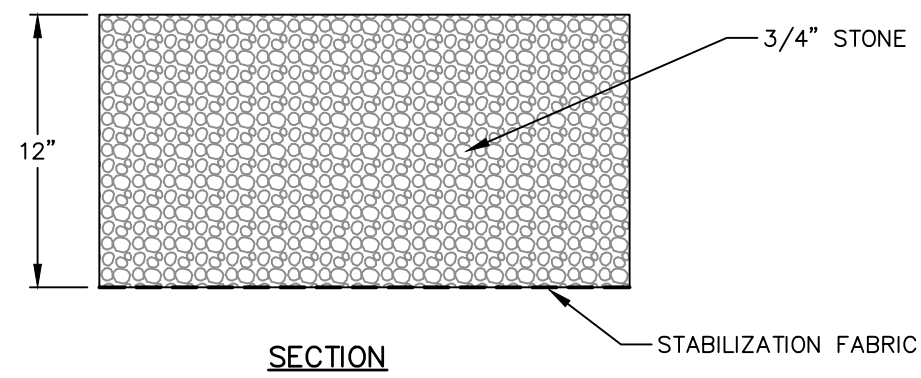


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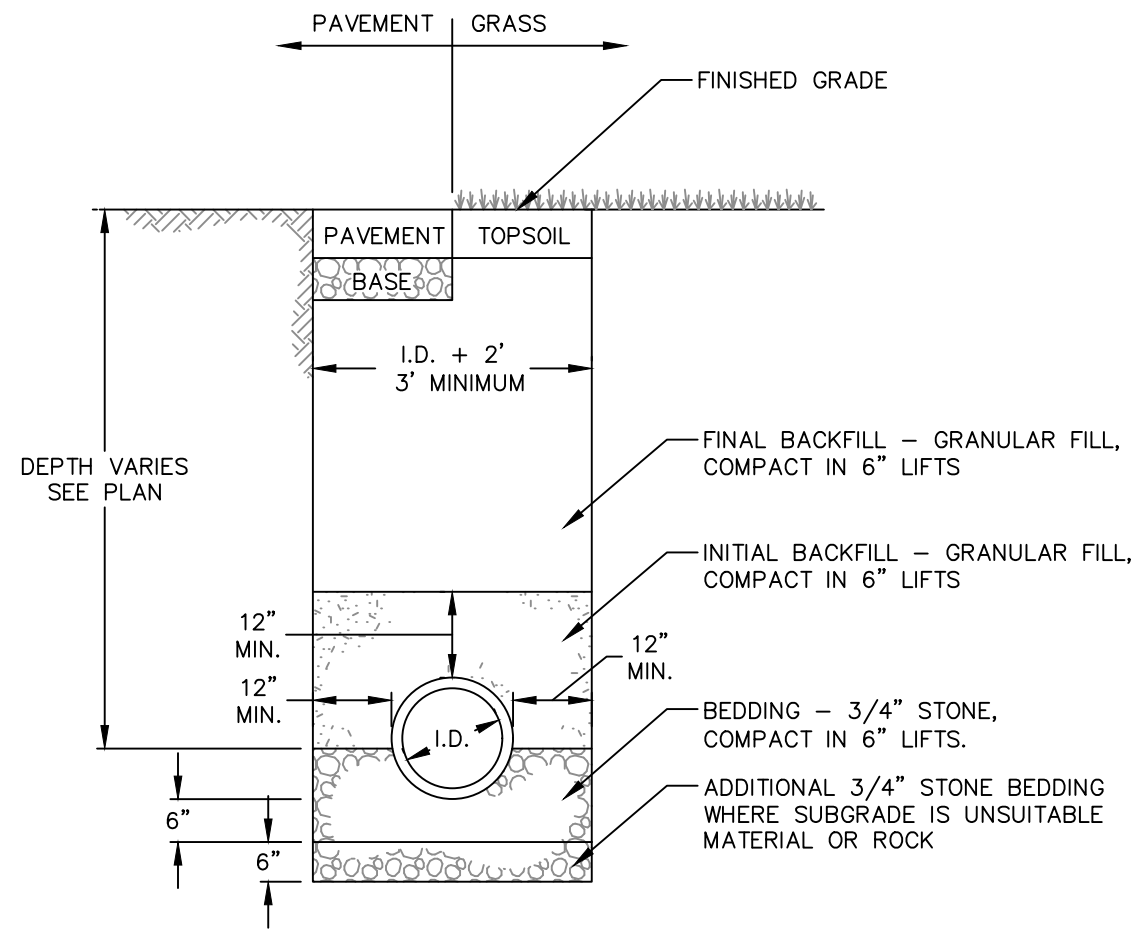




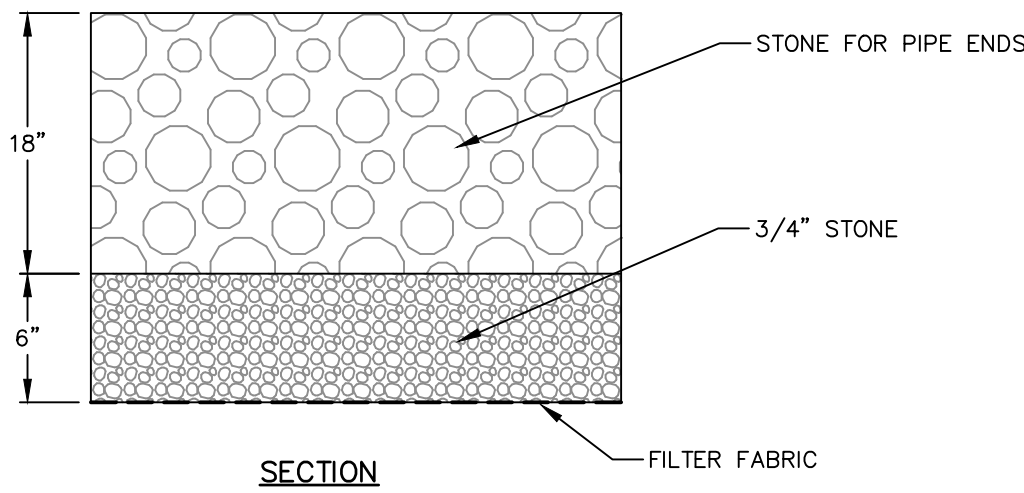
CHAIN LINK FENCE
NOT TO SCALE



STONE PAD
NOT TO SCALE

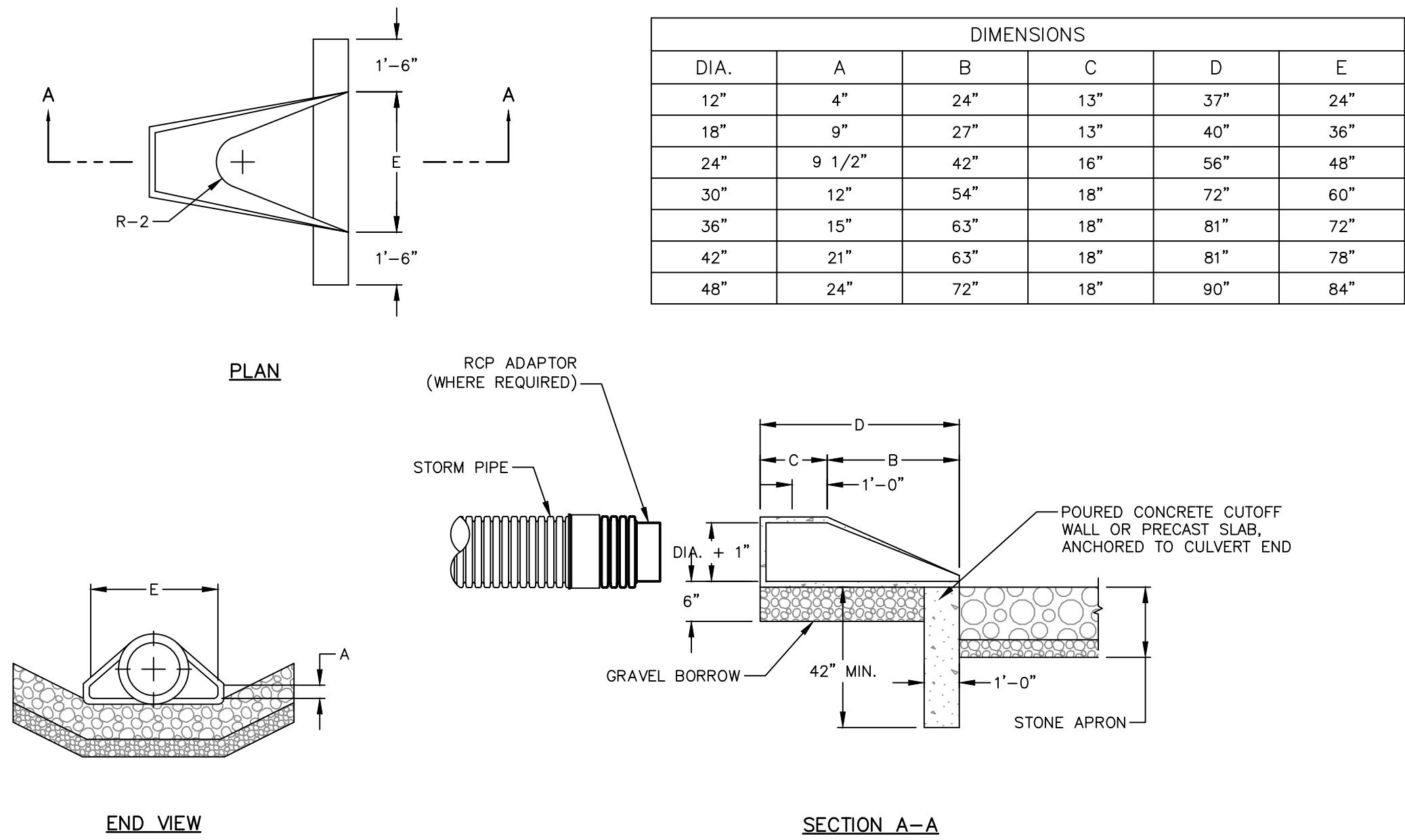


STORM SEWER TRENCH
NOT TO SCALE



STONE APRON
NOT TO SCALE

- NOTES
- FOOTING DESIGN TO BE CHECKED BY AN ENGINEER FOR WIND LOADS IF SLATS ARE USED OR IF POOR SOIL CONDITIONS EXIST.
 - STRAIGHT RUNS BETWEEN BRACED POSTS SHALL NOT EXCEED 500 FT.
 - FENCE DETAILS ARE INTENDED AS A GUIDE ONLY. ALL FENCE MATERIALS AND CONSTRUCTION METHODS SHALL BE APPROVED BY THE ENGINEER AND FENCE MANUFACTURER.
- CHAIN LINK FENCE LEGEND
- | | |
|----|--|
| 1 | 5/8" O.D. TOP RAIL ATTACH FABRIC WITH 9 GAUGE WIRE CLIP EVERY 24" |
| 2 | 1 5/8" O.D. BRACE FOR RAIL FENCES OVER 6 FEET HIGH AND ALL FENCES WITHOUT TOP RAIL |
| 3 | 5/16" TRUSS ROD AND TURNBUCKLE |
| 4 | INTERMEDIATE POST |
| 5 | END OR CORNER POST |
| 6 | 6 GAUGE BOTTOM TENSION WIRE ATTACH TO FABRIC WITH HOG RING AT 24" C.C. |
| 7 | TENSION ROD ATTACHED TO END OR CORNER POST |
| 8 | CONCRETE FOOTING 36" DEEP WITH 12" DIA. AT END POST AND 10" DIA. AT INTERMEDIATE POST. HOLE CORE IN UNDISTURBED OR COMPACTED SOIL. (SEE NOTE NO. 1) |
| 9 | 6 GAUGE TENSION WIRE WHEN TOP RAIL IS NOT USED. |
| 10 | FABRIC SELVAGE: UNDER 6 FEET SHALL BE KNUCKLED TOP AND BOTTOM 6 FEET AND OVER SHALL BE KNUCKLED BOTTOM AND TWISTED ON THE TOP RECREATIONAL FENCING, REGARDLESS OF HEIGHT, SHALL BE KNUCKLED TOP AND BOTTOM |
| 11 | 9 GAUGE 2" WIRE MESH FABRIC. |
- | FENCE HEIGHT | SQUARE POST | ROUND POST |
|-----------------|-------------|------------|
| 6 FEET AND LESS | 1 7/8" | 2" |
| OVER 6 FEET | 2 1/4" | 2 1/2" |
- ATTACH TO C.L. FABRIC WITH CLIPS EVERY 15"
- | FENCE HEIGHT | SQUARE POST | ROUND POST |
|-----------------|-------------|------------|
| 6 FEET AND LESS | 2" | 2 1/2" |
| OVER 6 FEET | 2 1/2" | 3" |



REINFORCED CONCRETE CULVERT END (R.C.C.E)
NOT TO SCALE



TOWN OF LEICESTER
CONSTRUCTION DETAILS
RUSSELL MEMORIAL PARK
ACCESSIBILITY IMPROVEMENTS
LEICESTER MASSACHUSETTS

PROJ. No.: 20150407.A30
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CD5.02