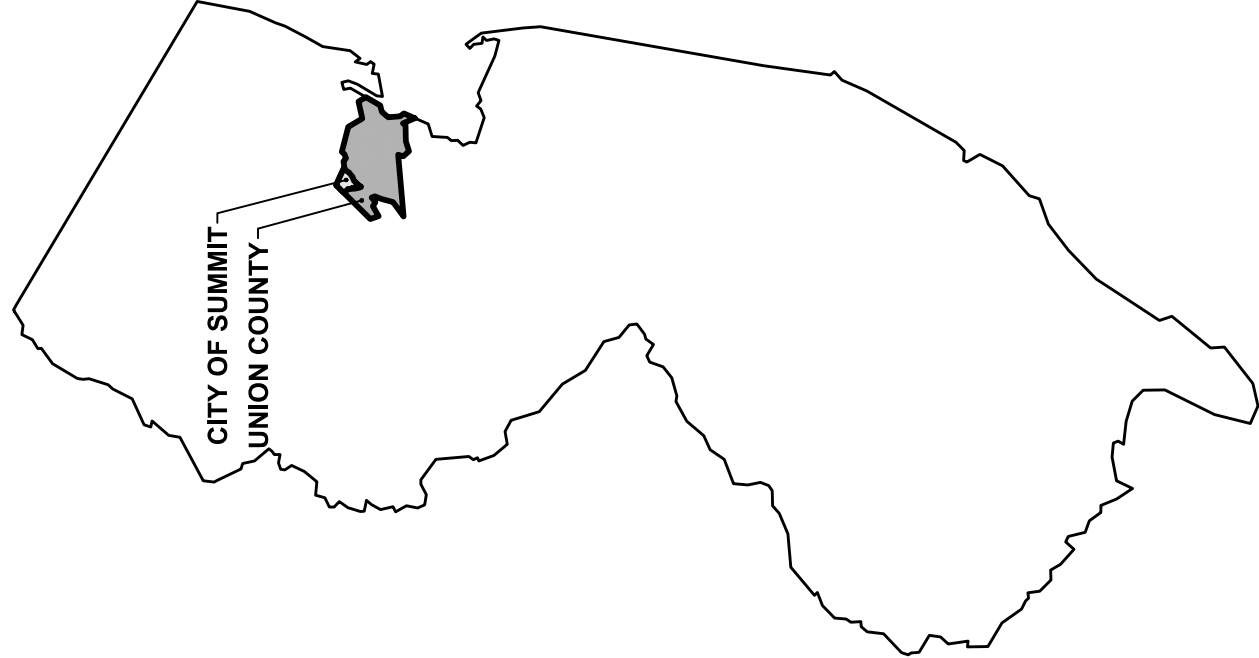




STATE OF NEW JERSEY

INDEX OF DRAWINGS			
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3	C101	EXISTING CONDITIONS AND DEMOLITION PLAN I	
4	C102	EXISTING CONDITIONS AND DEMOLITION PLAN II	
5	C201	SITE LAYOUT AND GRADING PLAN I	
6	C202	SITE LAYOUT AND GRADING PLAN II	
7	C203	SITE LAYOUT AND GRADING PLAN III	
8	C300	SOIL EROSION AND SEDIMENT CONTROL PLAN	
9	C510	SOIL EROSION AND SEDIMENT CONTROL NOTES AND DETAILS	
10	CD101	CONSTRUCTION DETAILS I	
11	CD102	CONSTRUCTION DETAILS II	
STRUCTURE PLAN SET			
1		GENERAL NOTES	
2-10		ASHWOOD AVENUE PLANS	
11-21		RUSSELL PLACE PLANS	
22		STAIR AND RAILING DETAILS	
23		BEARING DETAILS	
24		SPALL REPAIRS	

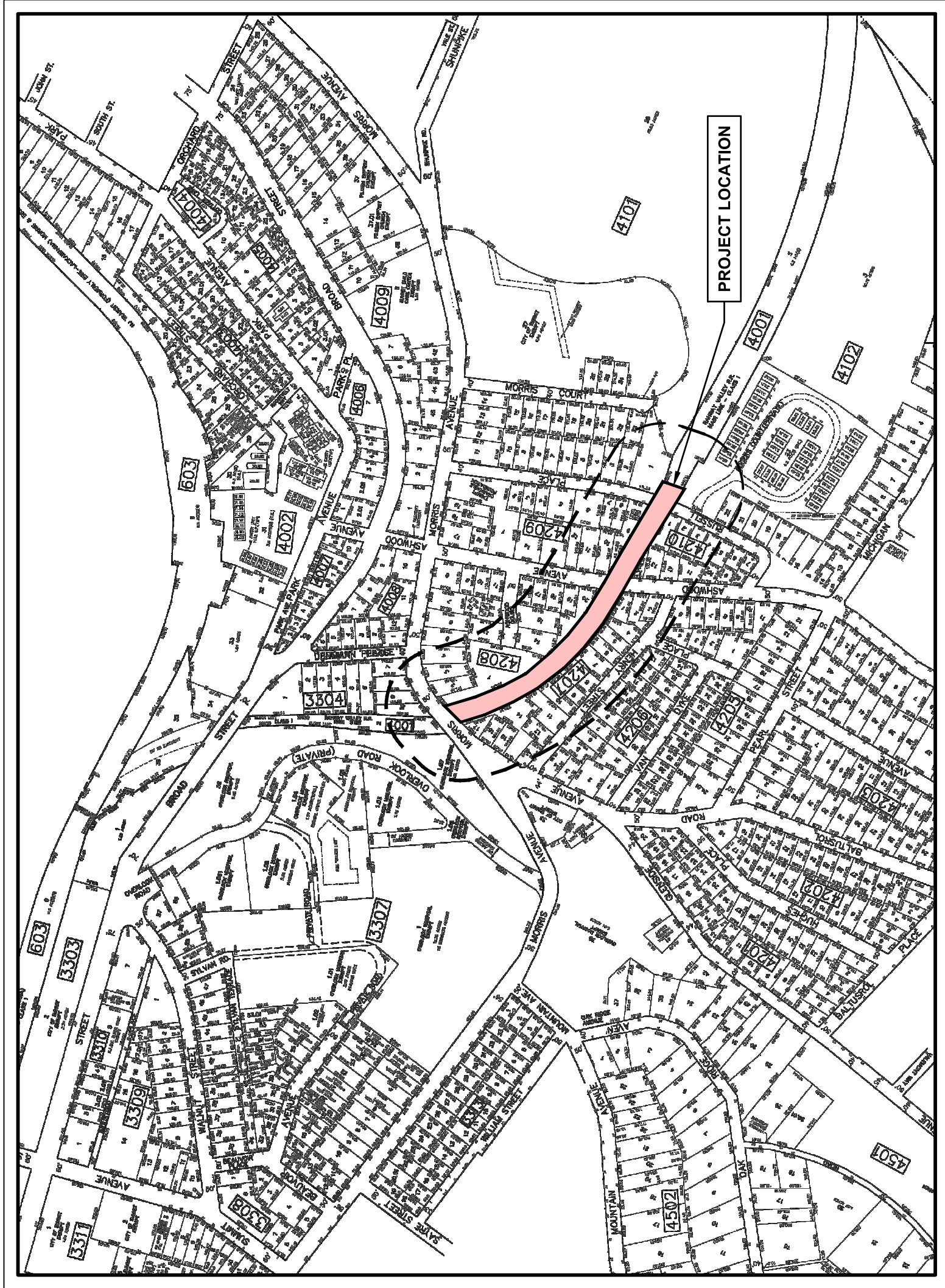
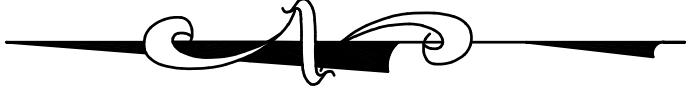
PUBLIC UTILITIES LIST	
TELEPHONE	VERIZON
GAS	PSE&G
WATER	AMERICAN WATER
SEWER	CITY OF SUMMIT SANITARY SEWER
ELECTRICITY	JCP&L
CABLE	COMCAST

NOTE:
PRIOR TO ANY EXCAVATION, CONTRACTOR MUST HAVE ALL UTILITIES
MARKED OUT BY THE APPROPRIATE UTILITY COMPANIES -> 1-800-272-1000 OR
811.



CALL BEFORE YOU DIG - 811

CONSTRUCTION PLAN FOR SUMMIT - PARK LINE RAIL TRAIL PHASE III MORRIS AVENUE TO RUSSEL PLACE BLOCK 4001, LOT 3 & 4 CITY OF SUMMIT COUNTY OF UNION, STATE OF NEW JERSEY



SOURCES: UNION COUNTY, CITY OF SUMMIT TAX MAPS, SHEETS 33, 40, 41, 42 AND 45 DATED APRIL 2012.

KEY AND ZONING MAP



LEGEND

- LOT BOUNDARY
- 200' RADIUS AROUND SITE
- BLOCK BOUNDARY
- TOWN BOUNDARY
- PROJECT AREA
- BLOCK
- LOT

ERIN B. ABLINE, PE
NJ PROFESSIONAL ENGINEER
LICENSE NO. 24GE0524500

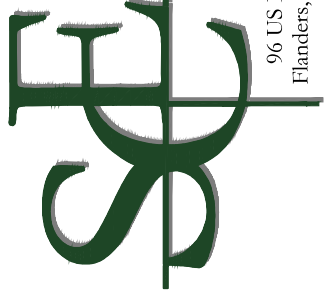
RYAN P. ZONGRONE CARNEY, PE
NJ PROFESSIONAL ENGINEER
LICENSE NO. 24GE05571200



<u>CITY OF SUMMIT</u>		
COMMON COUNCIL		
<u>COUNCIL PRESIDENT</u>	<u>PRESIDENT PRO TEMPORE</u>	
LISA K. ALLEN	DELIA HAMLET	
<u>COUNCIL MEMBERS</u>		
ANDY MINEGAR	BOB PAWLOWSKI	JAMEL BOYER
		GREG VARTAN
		KEVIN SMALLWOOD

REVISIONS			
ISSUED FOR COUNCIL REVIEW	A	11/5/24	
DESCRIPTION	NO.	DATE:	BY: CHK:

CONSTRUCTION PLAN FOR SUMMIT - PARK LINE RAIL TRAIL PHASE III MORRIS AVENUE TO RUSSEL PLACE CITY OF SUMMIT COUNTY OF UNION, STATE OF NEW JERSEY



SUBURBAN CONSULTING
ENGINEERS, INC.

COA NO. - 2461 28017500
- Civil Engineers - Municipal Engineers -
- Landscape Architects - Surveyors -
- Planners - Environmental Engineers -
96 US Highway 206, Suite 101 505 Main Street, Suite 314
Plandome, NJ 07661 732.282.1776 Hackensack, NJ 07601 201.644.1776
Wall, NJ 08736 732.282.1776

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NO.	DATE	BY:	CHK:
A	11/05/2024		

DRAWN BY:
BDD
10/07/2024

CHECKED BY:
RPC
10/07/2024

ERIN B. ABLINE, PE
NJ PROFESSIONAL ENGINEER
LICENSE NO. 24GE0524500

DATE: 10/07/2024

RYAN ZONGRONE P. CARNEY, PE
NJ PROFESSIONAL ENGINEER
LICENSE NO. 24GE0571200

DATE: 10/07/2024



SUBURBAN CONSULTING ENGINEERS, INC.
COA NO. 24A00007500

- Civil Engineers - Municipal Engineers -
- Planners - Environmentalists - Land Surveyors -
- Landscape Architects -

906 US Highway 206, Suite 101
Fairbanks, NJ 07834 - 732.398.1776

505 Main Street, Suite 314
Hackensack, NJ 07601 - 201.646.0770

**CONSTRUCTION PLAN FOR
SUMMIT - PARK LINE RAIL TRAIL PHASE III
MORRIS AVENUE TO RUSSEL PLACE
BLOCK 4001, LOT 3 & 4
CITY OF SUMMIT
COUNTY OF UNION, STATE OF NEW JERSEY**

PROJECT NUMBER:
SCE-R13969-011

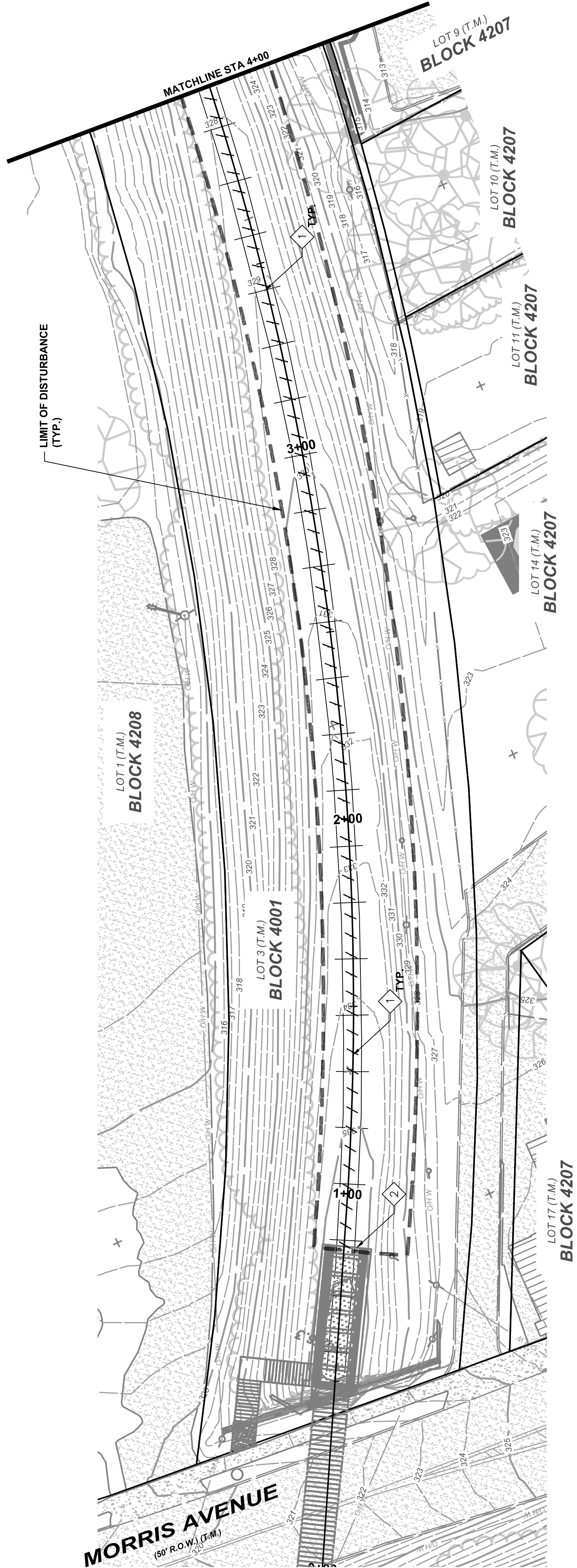
DRAWING NUMBER:
C101

SHEET NUMBER:
3 OF 11

SCALE:
1"=20'

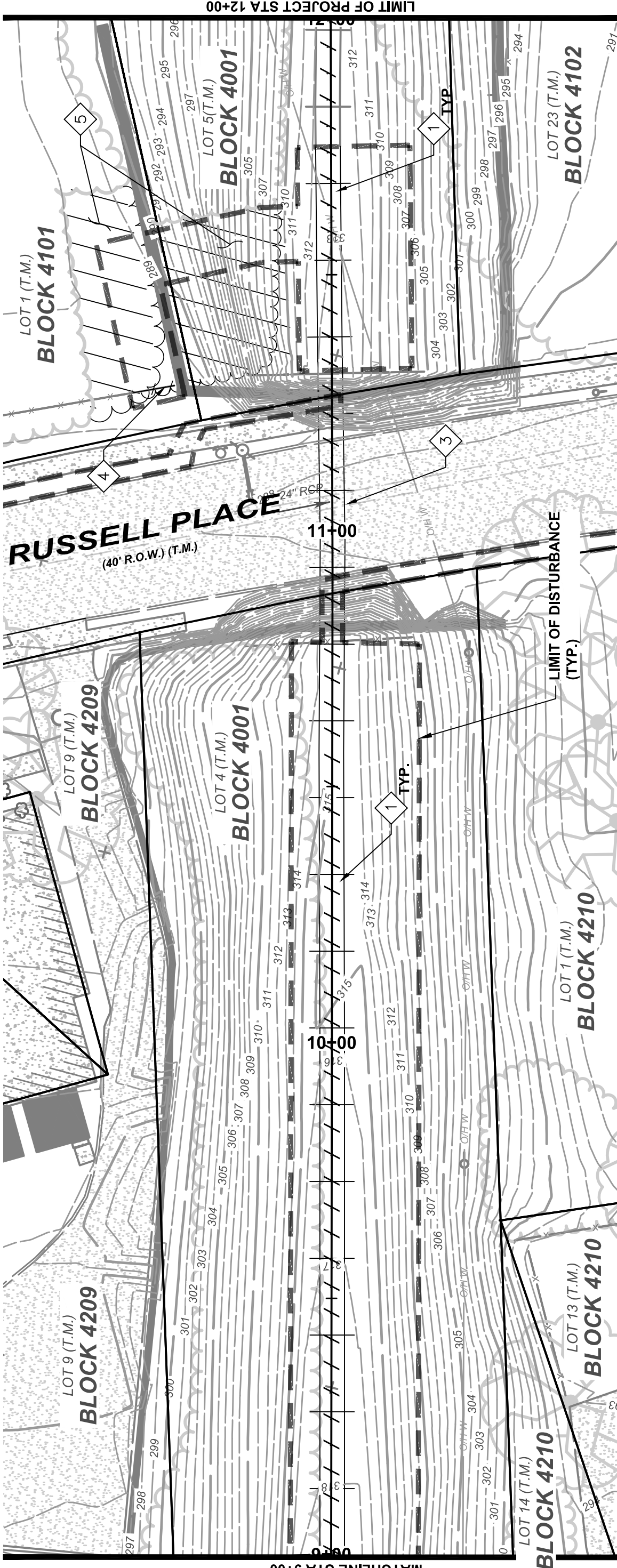
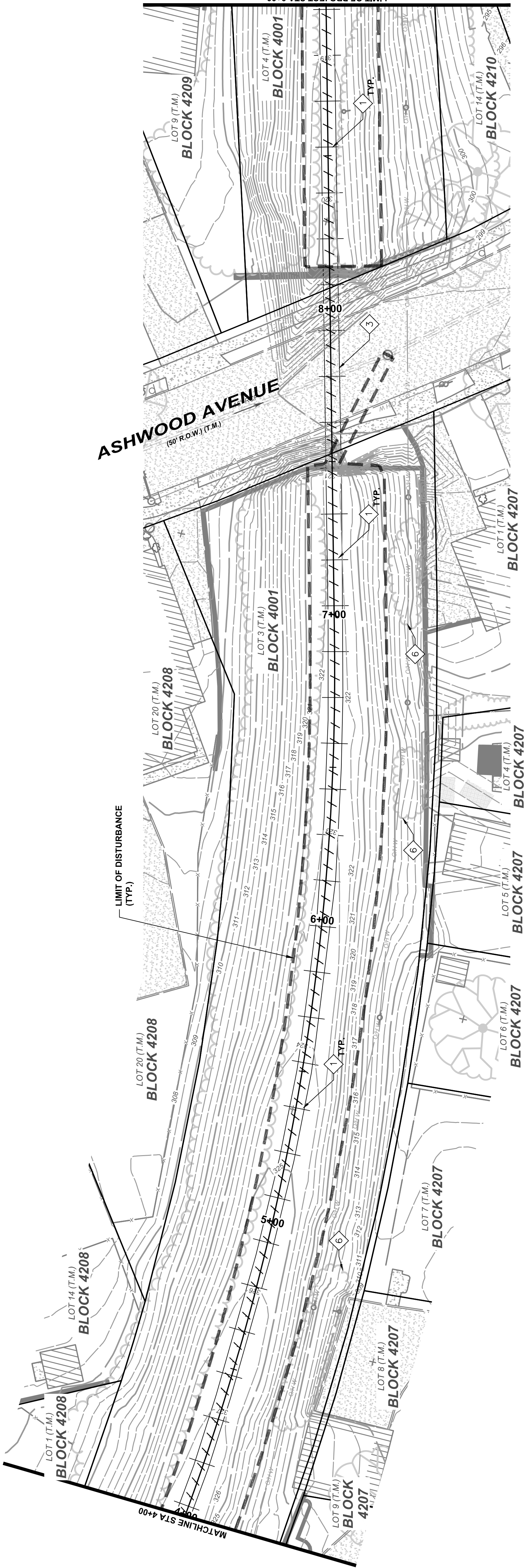
EXISTING CONDITIONS AND DEMOLITION PLAN I

- DEMOLITION PLAN KEYNOTE:**
- REMOVE OF EXISTING WOODEN RAILROAD TIES AND METAL TRACKS IN THEIR ENTIRETY WITHIN LIMITS SHOWN. CONTRACTOR SHALL COORDINATE THE WITH OWNER FOR TRANSPORT TO AND STORAGE OF WOODEN RAILROAD TIES AT SUMMIT TRANSFER STATION LOCATED AT 40 PROVIDENCE AVENUE, SUMMIT, NEW JERSEY 07901. CONTRACTOR SHALL DISPOSE OF REMOVED ITEMS IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.
 - PROTECT EXISTING CONCRETE. ANY DAMAGE TO EXISTING CONCRETE SHALL BE REPAIRED OR REPLACED AT NO COST TO THE OWNER.
 - REMOVE EXISTING BRIDGE IN ACCORDANCE WITH STRUCTURAL DRAWINGS. CONTRACTOR SHALL REMOVE BRIDGE ITEMS IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.
 - CONTRACTOR SHALL COORDINATE WITH ADJACENT PROPERTY OWNER TO REMOVE SECTION OF CHAIN-LINK FENCE AND REINSTALL CHAIN-LINK FENCE IN KIND TO MEET FLUSH WITH NEW STAIRS.
 - REMOVE EXISTING VEGETATION WITHIN LIMITS SHOWN. CONTRACTOR SHALL TRIM TREES IN ORDER TO INSTALL NEW STEPS. ALL TRIMMING SHALL BE PERFORMED BY A QUALIFIED ARBORIST/PROFESSIONAL. TRIMMING SHALL NOT ENCROACH ONTO PRIMATE PROPERTY OR BEYOND THE LIMITS OF ANY EASEMENTS AS SHOWN.
 - PROTECT EXISTING TREES NOT SCHEDULED TO BE REMOVED.



NOTES:

- SUBJECT PROPERTY IS KNOWN AS LOT 3 & 4, BLOCK 4001 AS SHOWN ON THE TAX MAP OF THE CITY OF SUMMIT, UNION COUNTY, NEW JERSEY SHEET NO. 42.
 - AREA = 48,347 SF OR 1.11 ACRES ± (TAX LOT 3).
AREA = 16,712 SF OR 0.68 ACRES ± (TAX LOT 4).
 -
 - HORIZONTAL DATUM BASED ON NAD-83, PER GPS SATELLITE OBSERVATION.
 - VERTICAL DATUM BASED ON NAVD-88, PER GPS SATELLITE OBSERVATION.
 - CONDITIONS DEPICTED HEREON PER ACTUAL FIELD INSTRUMENT SURVEY LAST PERFORMED AND PREPARED FEBRUARY 5, 2018 BY EKA ASSOCIATES, P.A.
 - EXISTING TREES TO BE PROTECTED DURING CONSTRUCTION. IF REMOVAL IS NECESSARY, TREE SHALL BE REPLACED.
 - ITEMS TO BE REMOVED MAY BE SALVAGED AND RELOCATED AT THE OWNER'S DISCRETION.
- REFERENCES:**
- LOCATIONS AND TOPOGRAPHIC SURVEY** - "PLAN OF SURVEY TAX LOT 3 & 4 BLOCK 4001 CITY OF SUMMIT, UNION COUNTY, NEW JERSEY" PREPARED BY EKA ASSOCIATES, P.A., DATED FEBRUARY 5, 2018.
 - BOUNDARY AND TOPOGRAPHIC SURVEY** - "PLAN OF SURVEY TAX LOT 3 & 4 BLOCK 4001 CITY OF SUMMIT, UNION COUNTY, NEW JERSEY" PREPARED BY EKA ASSOCIATES, P.A., DATED FEBRUARY 5, 2018.
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NO. DATE: BY: CHK:

DATE: 10/07/2024

ERIN B. ABLINE, PE
NJ PROFESSIONAL ENGINEER
LICENSE NO. 24GE052400

RYAN ZONGRONE P. CARNEY, PE
NJ PROFESSIONAL ENGINEER
LICENSE NO. 24GE0571200

SUBURBAN CONSULTING
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COA NO. 24-00000750
- Civil Engineers - Municipal Engineers -
- Planners - Environmentalists - Land Surveyors -
- Landscape Architects -
905 US Highway 206, Suite 101
Fairbanks, NJ 07630-9733 (861) 776
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CONSTRUCTION PLAN FOR
SUMMIT - PARK LINE RAIL TRAIL PHASE III
MORRIS AVENUE TO RUSSEL PLACE
BLOCK 4001, LOT 3 & 4

CITY OF SUMMIT
COUNTY OF UNION, STATE OF NEW JERSEY

EXISTING CONDITIONS AND DEMOLITION PLAN II

SHEET NUMBER:
4 OF 11

DRAWING NUMBER:
C102

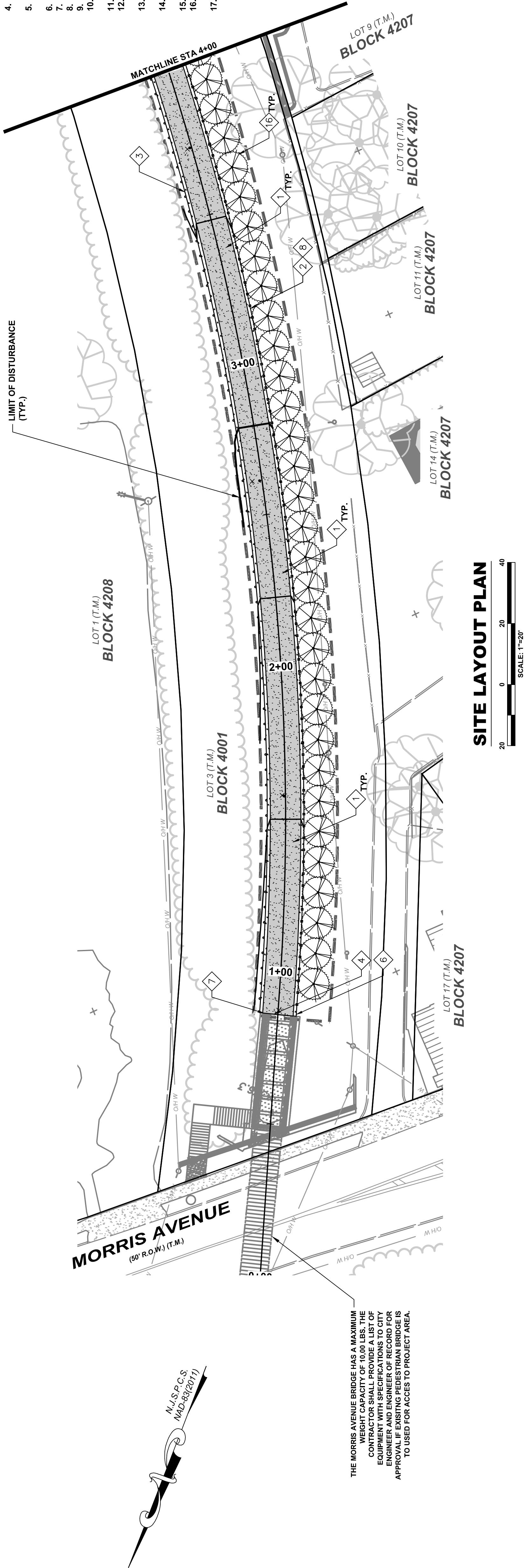
PROJECT NUMBER:
SCE-R13969-011

SCALE:
1"=20'

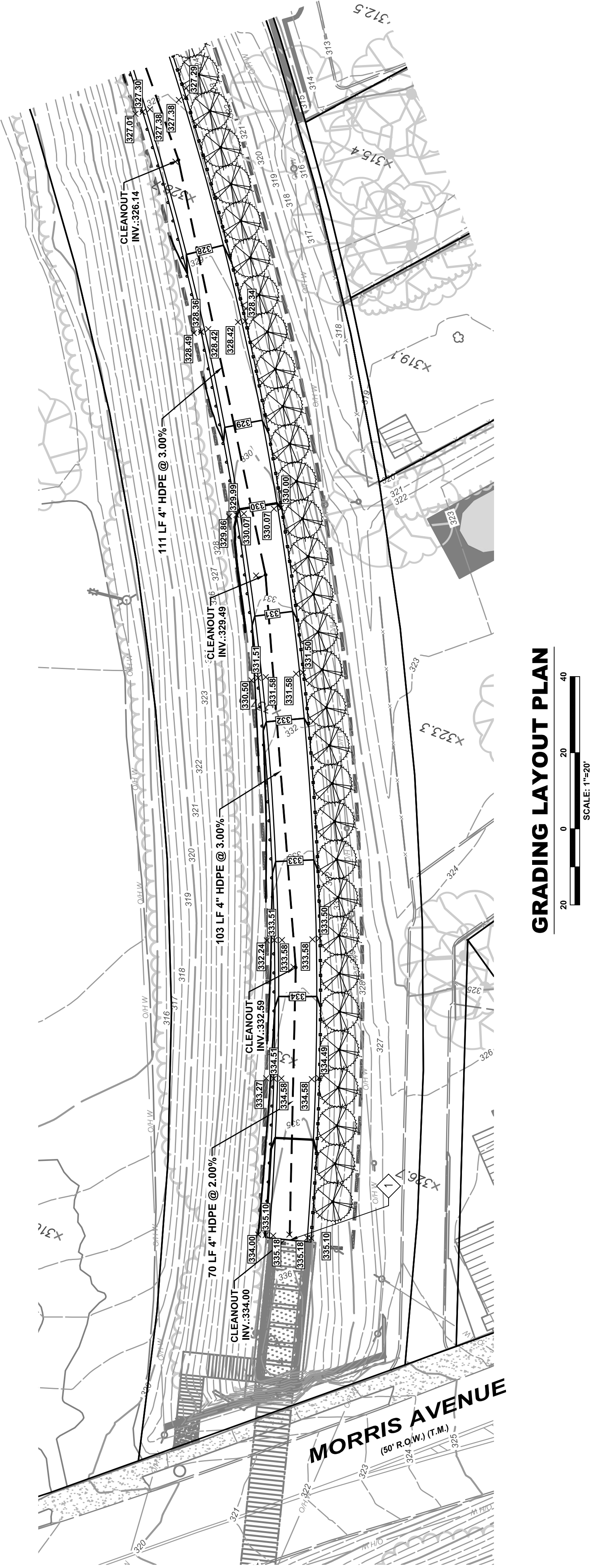
REV. -

SITE PLAN KEYNOTES:

1. INSTALL POROUS ASPHALT PAVEMENT IN ACCORDANCE WITH DETAIL ON SHEET CD101.
2. INSTALL 8" HIGH WOODEN STOCKADE FENCE IN ACCORDANCE WITH DETAIL ON SHEET CD101.
3. INSTALL 54" HIGH POST AND RAIL FENCE IN ACCORDANCE WITH DETAIL ON SHEET CD101.
4. TIE POROUS PAVEMENT INTO EXISTING BRIDGE LANDING IN ACCORDANCE WITH DETAIL ON SHEET CD101.
5. TIE POROUS PAVEMENT INTO NEW BRIDGE IN ACCORDANCE WITH DETAIL ON SHEET CD101.
6. TIE WOODEN STOCKADE FENCE INTO EXISTING CHAIN-LINK FENCE.
7. TIE 54" HIGH POST AND RAIL FENCE INTO EXISTING CHAIN-LINK FENCE.
8. INSTALL VEGETATIVE BUFFER IN ACCORDANCE WITH DETAIL ON SHEET CD101.
9. INSTALL NEW BRIDGE IN ACCORDANCE WITH STRUCTURAL DRAWINGS.
10. TIE NEW BRIDGE LANDING INTO NEW POROUS ASPHALT PAVEMENT IN ACCORDANCE WITH DETAIL ON SHEET CD101.
11. TIE NEW STAIR LANDING INTO EXISTING SIDEWALK AT TIE IN.
12. REINSTALL SALVAGED CHAIN-LINK FENCE AS NECESSARY TO INSTALL NEW STAIRS PROVIDING NO GAP BETWEEN STAIRS AND END POST.
13. INSTALL 8" HIGH CHAIN-LINK FENCE IN ACCORDANCE WITH DETAIL ON SHEET CD101.
14. INSTALL 8" HIGH CHAIN-LINK GATE IN ACCORDANCE WITH DETAIL ON SHEET CD101.
15. INSTALL CONCRETE SIDEWALK IN ACCORDANCE WITH DETAIL ON SHEET CD101.
16. INSTALL CONIFEROUS TREE AT SPACING OF 10' IN ACCORDANCE WITH DETAIL ON SHEET CD102.
17. PROTECT EXISTING TREES NOT SCHEDULED TO BE REMOVED.



SITE LAYOUT PLAN



GRADING LAYOUT PLAN



GRADING PLAN KEYNOTES:

1. MATCH EXISTING CONCRETE BRIDGE ELEVATION AT NEW POROUS ASPHALT PAVEMENT TIE IN.
2. MATCH NEW CONCRETE BRIDGE ELEVATION AT NEW POROUS ASPHALT PAVEMENT TIE IN.
3. MATCH NEW STAIR LANDING ELEVATION AT EXISTING CONCRETE SIDEWALK TIE IN.
4. MATCH NEW STAIR LANDING ELEVATION AT NEW POROUS ASPHALT PAVEMENT TIE IN.
5. INSTALL NEW STEPS IN ACCORDANCE WITH STRUCTURAL DRAWINGS.
6. CONNECT POROUS PAVEMENT UNDERDRAIN TO EXISTING STORM STRUCTURE.

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	A	11/05/2024		

DRAWN BY:	BDG
CHECKED BY:	RPC
DATE:	10/07/2024

ERIN B. ABLINE, PE NJ PROFESSIONAL ENGINEER LICENSE NO. 24GE0524500	RYAN ZONGRONE P. CARNEY, PE NJ PROFESSIONAL ENGINEER LICENSE NO. 24GE0571200
---	--



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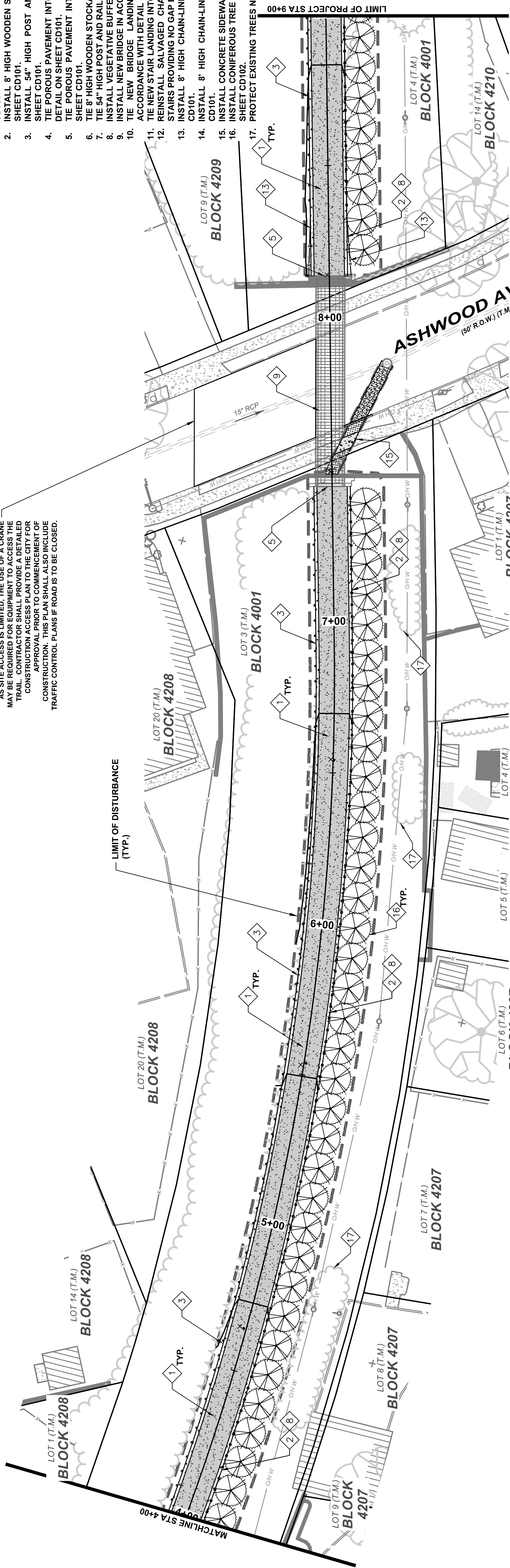
96 US Highway 206, Suite 101
Fairbanks, NJ 08424-7338, 17th
905 Main Street, Suite 314
Hackensack, NJ 07601 - 201-644-0770

CONSTRUCTION PLAN FOR SUMMIT - PARK LINE RAIL TRAIL PHASE III MORRIS AVENUE TO RUSSEL PLACE BLOCK 4001, LOT 3 & 4 CITY OF SUMMIT COUNTY OF UNION, STATE OF NEW JERSEY	PROJECT NUMBER: SCE-R1989-011 DRAWING NUMBER: C201
SITE LAYOUT AND GRADING PLAN I	SHEET NUMBER: 5 OF 11 SCALE: 1"=20'

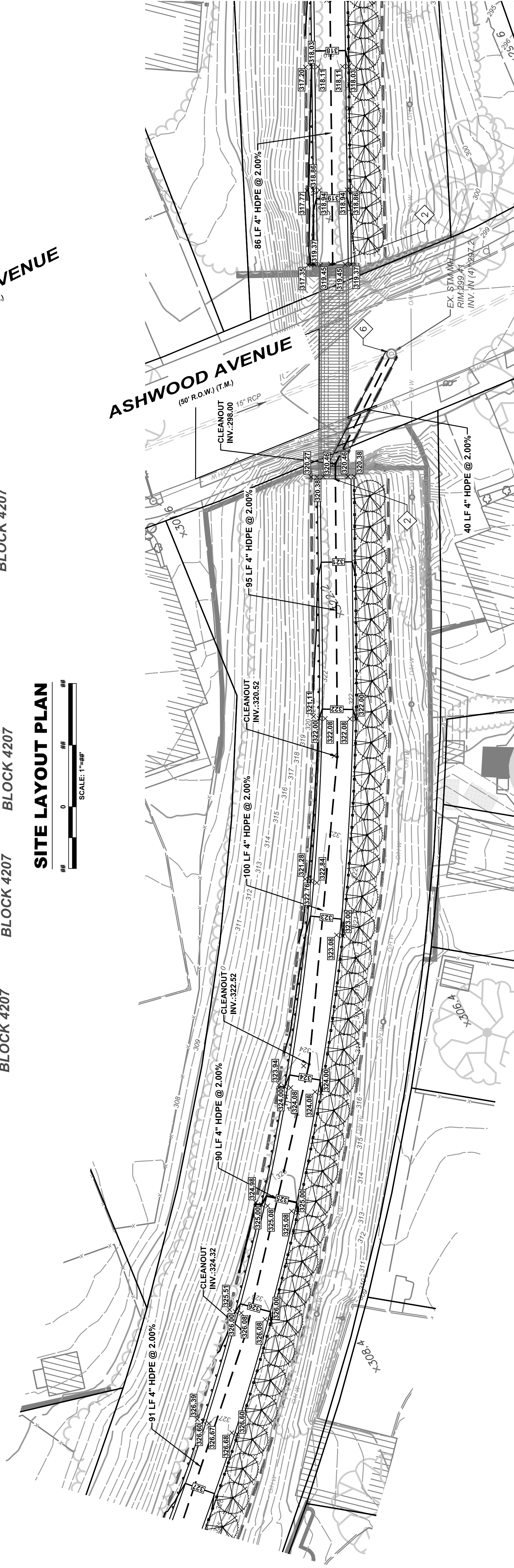
SITE PLAN KEYNOTES:

1. INSTALL POROUS ASPHALT PAVEMENT IN ACCORDANCE WITH DETAIL ON SHEET CD101.
2. INSTALL 8' HIGH WOODEN STOCKADE FENCE IN ACCORDANCE WITH DETAIL ON SHEET CD101.
3. INSTALL 54" HIGH POST AND RAIL FENCE IN ACCORDANCE WITH DETAIL ON SHEET CD101.
4. INSTALL 54" HIGH POST AND RAIL FENCE IN ACCORDANCE WITH DETAIL ON SHEET CD101.
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8. INSTALL 54" HIGH POST AND RAIL FENCE IN ACCORDANCE WITH DETAIL ON SHEET CD101.
9. INSTALL NEW BRIDGE IN ACCORDANCE WITH STRUCTURAL DRAWINGS.
10. INSTALL NEW BRIDGE IN ACCORDANCE WITH STRUCTURAL DRAWINGS.
11. INSTALL NEW BRIDGE IN ACCORDANCE WITH STRUCTURAL DRAWINGS.
12. INSTALL NEW BRIDGE IN ACCORDANCE WITH STRUCTURAL DRAWINGS.
13. INSTALL NEW BRIDGE IN ACCORDANCE WITH STRUCTURAL DRAWINGS.
14. INSTALL NEW BRIDGE IN ACCORDANCE WITH STRUCTURAL DRAWINGS.
15. INSTALL NEW BRIDGE IN ACCORDANCE WITH STRUCTURAL DRAWINGS.
16. INSTALL NEW BRIDGE IN ACCORDANCE WITH STRUCTURAL DRAWINGS.
17. INSTALL NEW BRIDGE IN ACCORDANCE WITH STRUCTURAL DRAWINGS.

AS SITE ACCESS IS LIMITED, THE USE OF A CRANE MAY BE REQUIRED FOR EQUIPMENT TO ACCESS THE TRAIL. CONTRACTOR SHALL PROVIDE A DETAILED CONSTRUCTION ACCESS PLAN TO THE CITY FOR APPROVAL PRIOR TO COMMENCEMENT OF CONSTRUCTION. THIS PLAN SHALL ALSO INCLUDE TRAFFIC CONTROL PLANS IF ROAD IS TO BE CLOSED.



SITE LAYOUT PLAN



GRADING LAYOUT PLAN



- GRADING PLAN KEYNOTES:**
1. MATCH EXISTING CONCRETE BRIDGE ELEVATION AT NEW POROUS ASPHALT PAVEMENT TIE IN.
 2. MATCH NEW CONCRETE BRIDGE ELEVATION AT NEW POROUS ASPHALT PAVEMENT TIE IN.
 3. MATCH NEW STAIR LANDING ELEVATION AT EXISTING CONCRETE SIDEWALK TIE IN.
 4. MATCH STAIR LANDING ELEVATION AT NEW POROUS ASPHALT PAVEMENT TIE IN.
 5. INSTALL NEW STEPS IN ACCORDANCE WITH STRUCTURAL DRAWINGS.
 6. CONNECT POROUS PAVEMENT UNDERDRAIN TO EXISTING STORM STRUCTURE.

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NJ PROFESSIONAL ENGINEER
LICENSE NO. 24GE05524500

DATE: 10/07/2024

RYAN ZONGRONE P. CARNEY, PE
NJ PROFESSIONAL ENGINEER
LICENSE NO. 24GE05571200

DATE: 10/07/2024

**SUBURBAN CONSULTING
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ENVIRONMENTAL, INC.
Civil Engineers - Municipal Engineers -
- Landscape Architects -
- Environmentalists - Land Surveyors -
2430 Highway 34, Bldg. A Suite 1R
Wall, NJ 08736 - 732.282.1776

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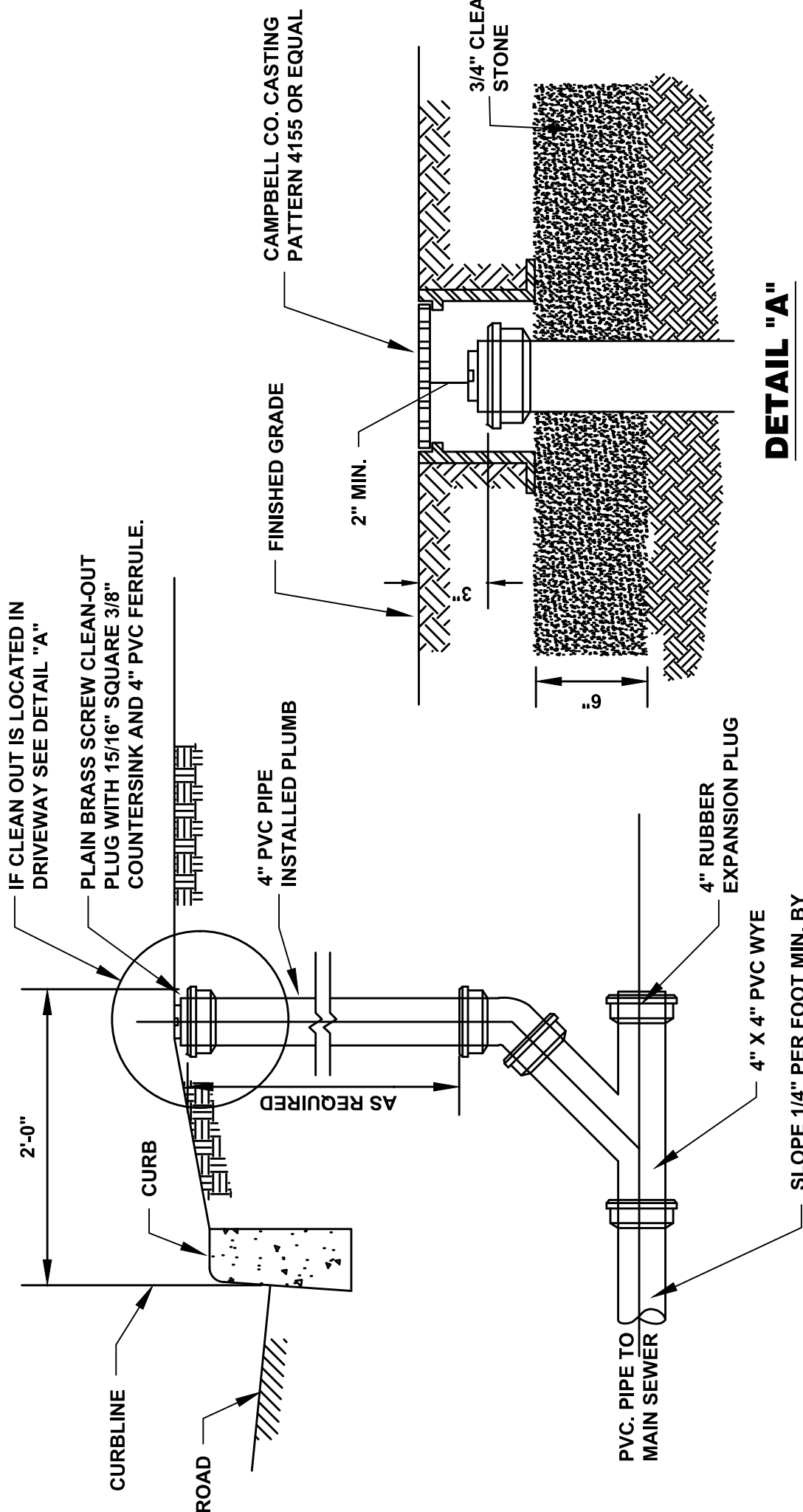
**CONSTRUCTION PLAN FOR
SUMMIT - PARK LINE RAIL TRAIL PHASE III
MORRIS AVENUE TO RUSSEL PLACE**

8.4

SITE LAYOUT AND GRADING PLAN II

SCALE: 4 1/2"=20'

SCALE
40-200

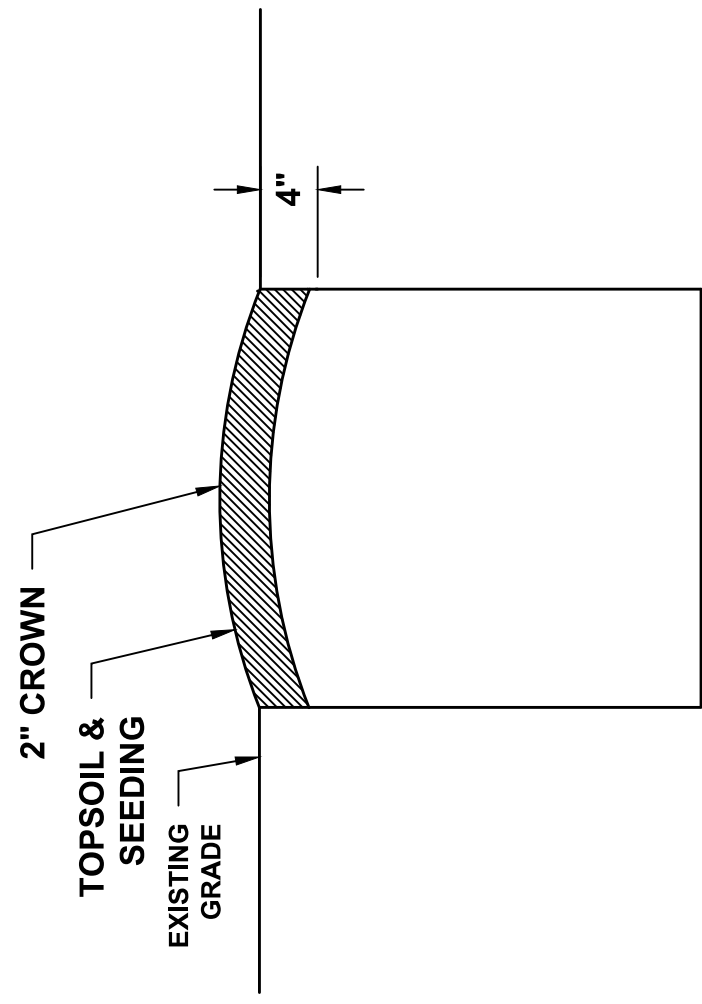


DETAIL "A"

PROFILE VIEW

CLEANOUT DETAIL

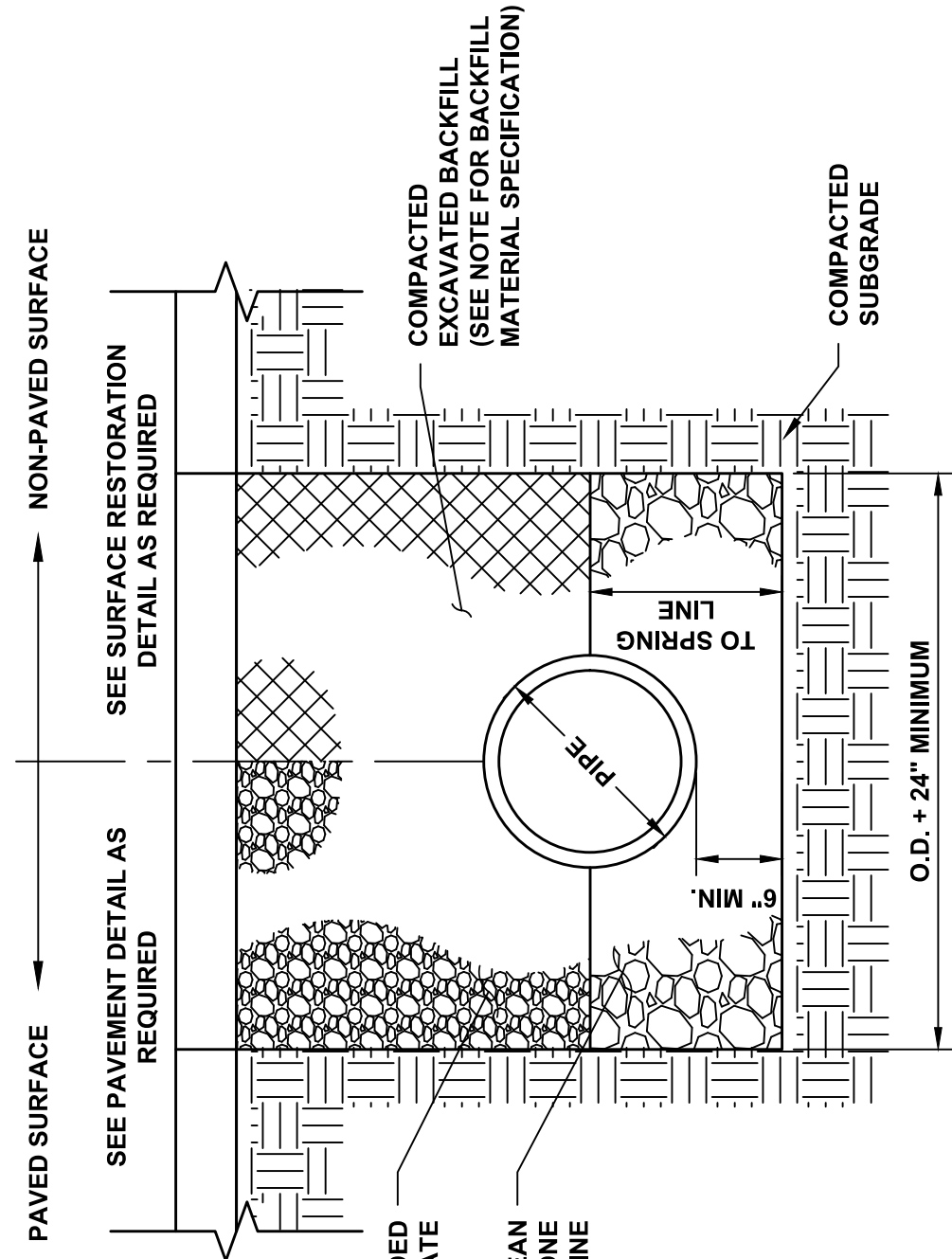
N.T.S.



LAWN SURFACE RESTORATION

NON-PAVED AREAS

N.T.S.

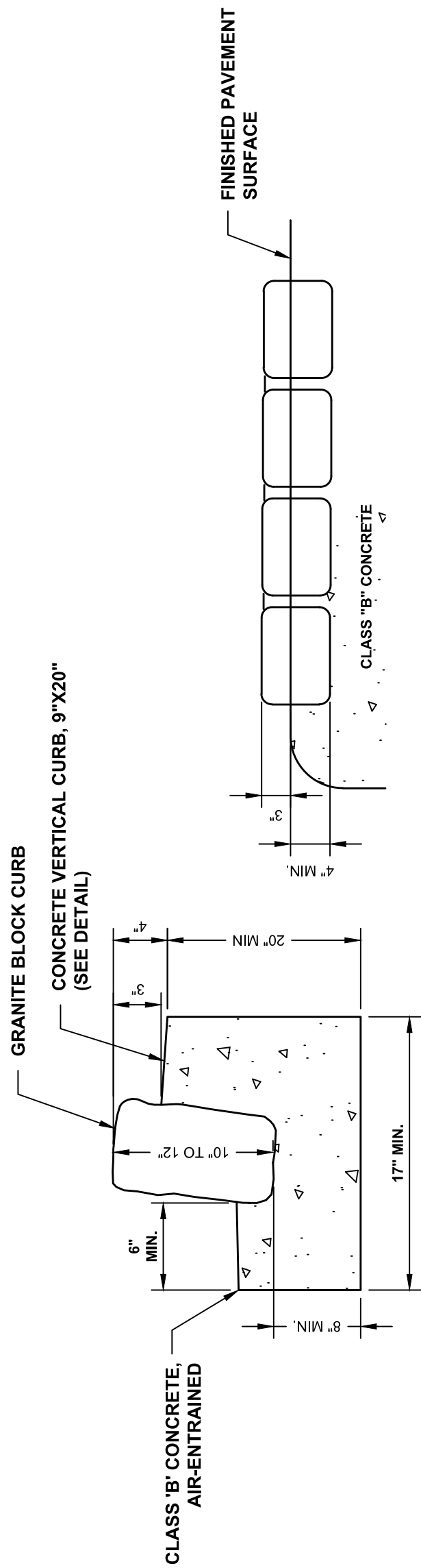


BACKFILL SPECIFICATIONS:

- SHALL BE FREE OF DEBRIS AND STONES 2" OR GREATER IN ANY DIMENSION.
- SHALL BE PLACED IN 12" LIFTS AND COMPACTED TO 95% MAXIMUM DENSITY.

DRAINAGE PIPE TRENCH

N.T.S.

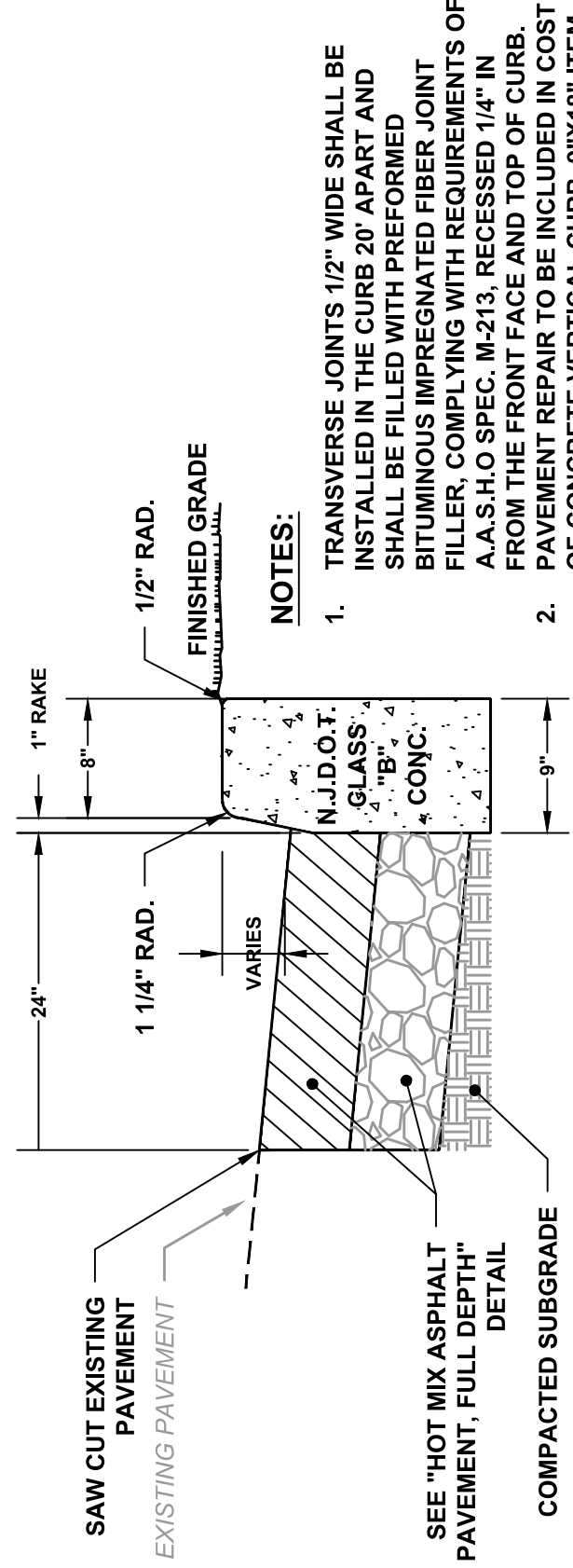


NOTES:

- USE GRADED AGGREGATE BASE COURSE SHALL BE USED IF REQUIRED TO MAKE ANY GRADE ADJUSTMENTS.
- JOINTS ARE TO BE 3/4" WIDE AND POINTED WITH 1:2 MIX CEMENT MORTAR. JOINTS TO BE CLEANED PRIOR TO POINTING.
- COST OF PAVEMENT REPLACEMENT SHALL BE INCLUDED IN ITEM "GRANITE BLOCK CURB".
- PROPOSED TOP OF CURB ELEVATION SHALL BE 4" ABOVE SURROUNDING PAVEMENT AND CURB ELEVATION.
- GRANITE BLOCK CURB SHALL BE USED IN ALL LOCATIONS WITH TREE AND PLANTING PITS.

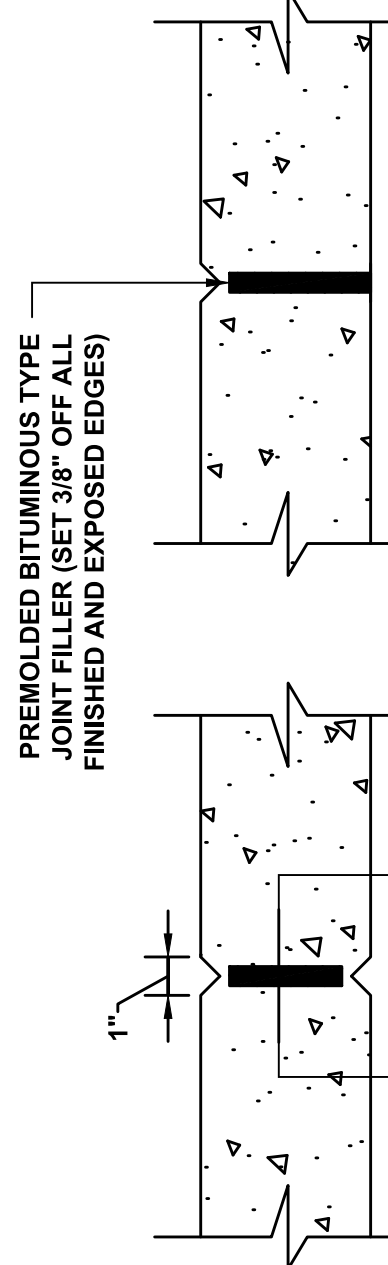
GRANITE BLOCK CURB DETAIL

N.T.S.



CONCRETE VERTICAL CURB, 9"X18"

N.T.S.

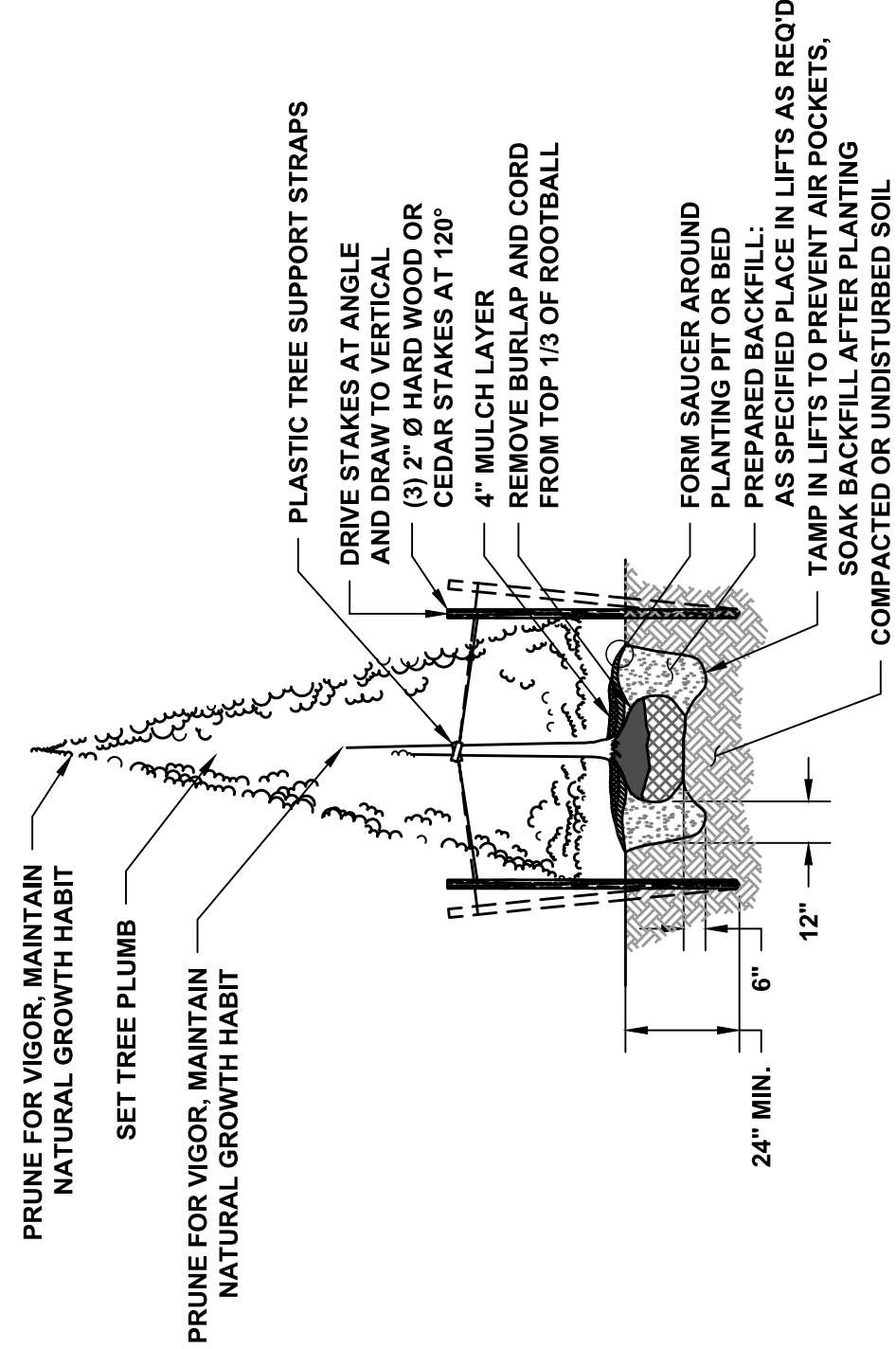


NOTES:

- EXPANSION JOINTS SPACED EVERY 6.5' O.C.
- V-NOTCH TO BE CAST IN PLACED, NOT TOOLED.
- PLACE AT CRITICAL LOCATIONS SUCH AS FENCE POSTS AND CORNERS.

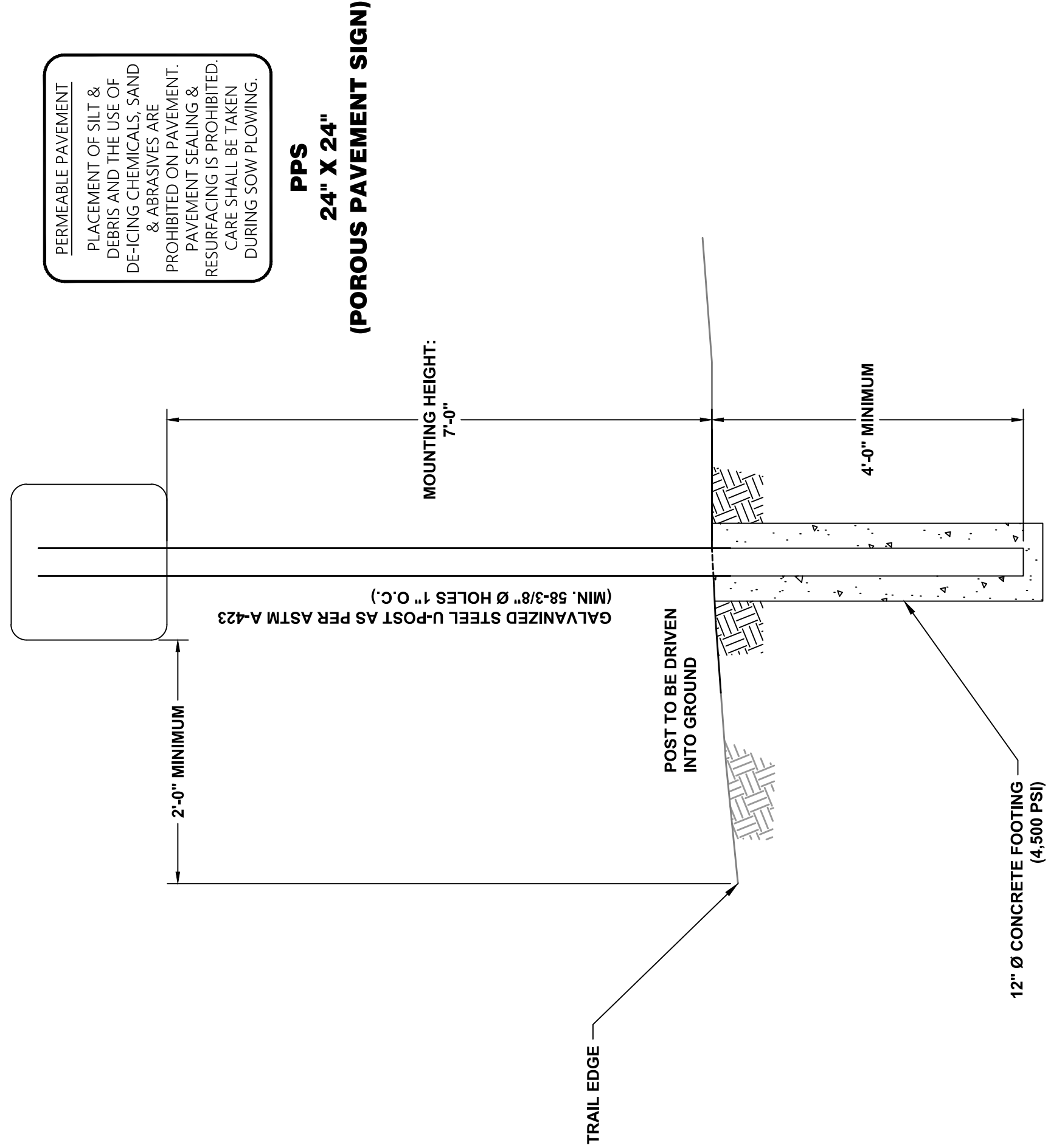
CONCRETE CURB EXPANSION JOINT

N.T.S.



CONIFEROUS TREE PLANTING

N.T.S.



POROUS PAVEMENT SIGN DETAIL

N.T.S.

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NO.	DATE:	BY:	CHK:
A.	11/05/2024		
REVISIONS			
DESCRIPTION	NO.	DATE:	BY:

ERIN B. ABLINE, PE
NJ PROFESSIONAL ENGINEER
LICENSE NO. 24GE0524500

RYAN ZONGRONE P. CARNEY, PE
NJ PROFESSIONAL ENGINEER
LICENSE NO. 24GE0571200



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- Planners - Environmentalists - Land Surveyors -
- Landscape Architects -

905 US Highway 206, Suite 101
Haddonfield, NJ 08033-7176

2450 Highway 34, Bldg. A Suite 1R
Haddonfield, NJ 08033-1776

505 Main Street, Suite 314
Haddonfield, NJ 08033-1776

EXCELLENCE ♦ ECONOMY ♦ ENVIRONMENT

CONSTRUCTION PLAN FOR
SUMMIT - PARK LINE RAIL TRAIL PHASE III
MORRIS AVENUE TO RUSSELL PLACE
BLOCK 4001, LOT 3 & 4

PROJECT NUMBER:
SCE-R13969-011

DRAWING NUMBER:
CD102

SHEET NUMBER:
11 OF 11

SCALE:
AS NOTED

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