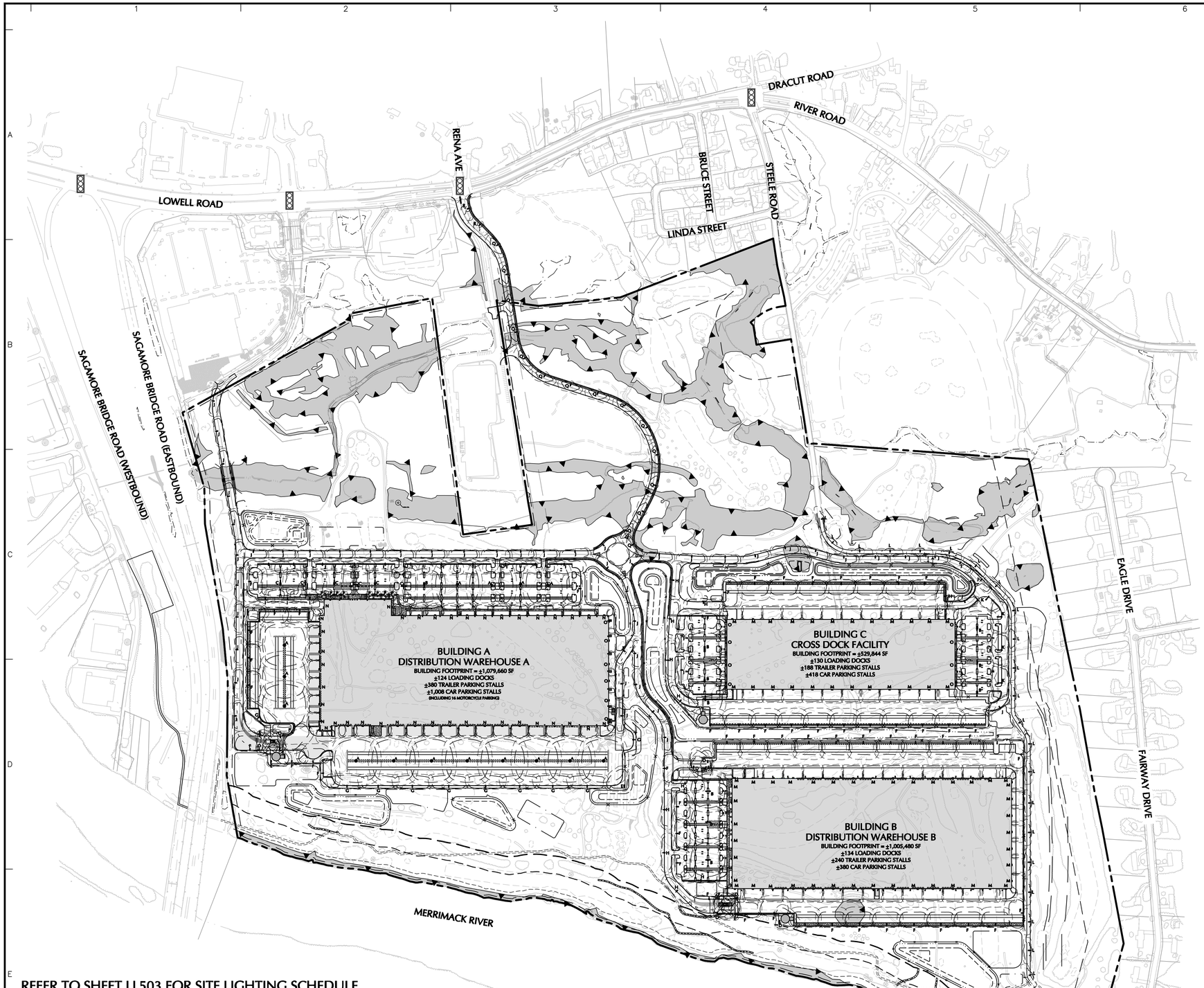

REFER TO SHEET LL503 FOR SITE LIGHTING SCHEDULE

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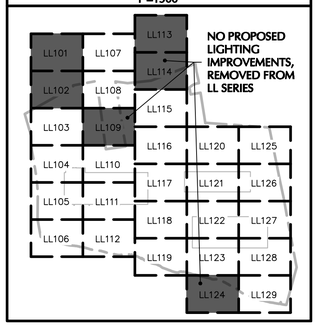

Date	Description	No.
11/30/20	CON. COMM. / PLANNING BOARD COMMENT RESPONSE	4
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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Project

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MAP No. 239, LOT No. 1
HUDSON
HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

OVERALL LIGHTING PLAN

Project No. 151010101
Date 12/01/2020
Drawing No. LL100
Drawn By YW
Checked By MH

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING:_____

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PLANNING BOARD SECRETARY:_____ SIGNATURE DATE:_____

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300 0 150 300
SCALE: 1 INCH = 300 FEET

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Project No. 151010101

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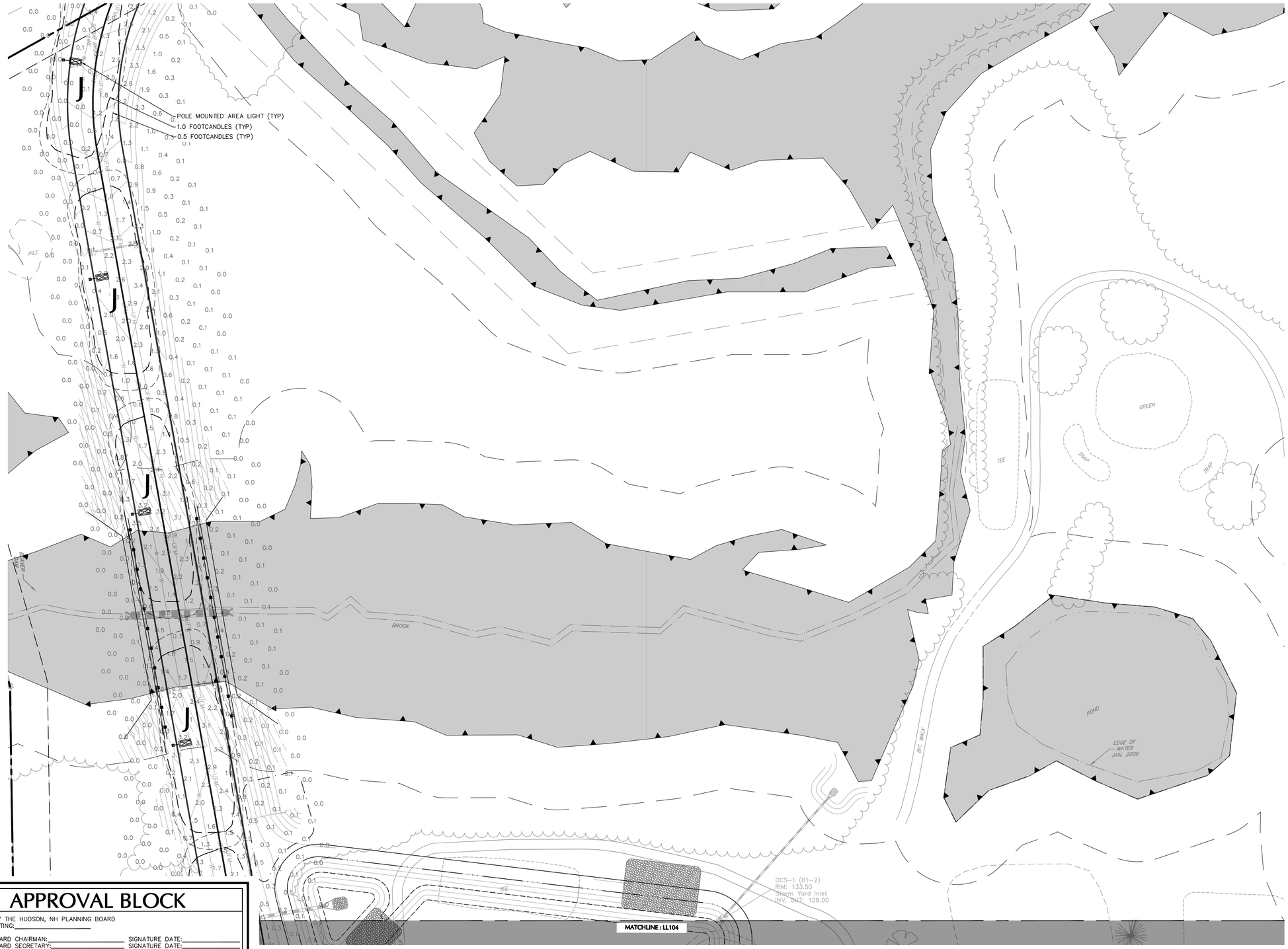

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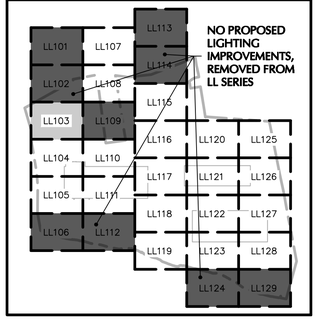

Date	Description	No.
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON
HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LIGHTING PLAN III

Project No. 151010101	Drawing No. LL103
Date 12/01/2020	
Drawn By YW	
Checked By MH	

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING:_____

PLANNING BOARD CHAIRMAN:_____ SIGNATURE DATE:_____
PLANNING BOARD SECRETARY:_____ SIGNATURE DATE:_____

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SCALE: 1 INCH = 40 FEET

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Project No. 151010101

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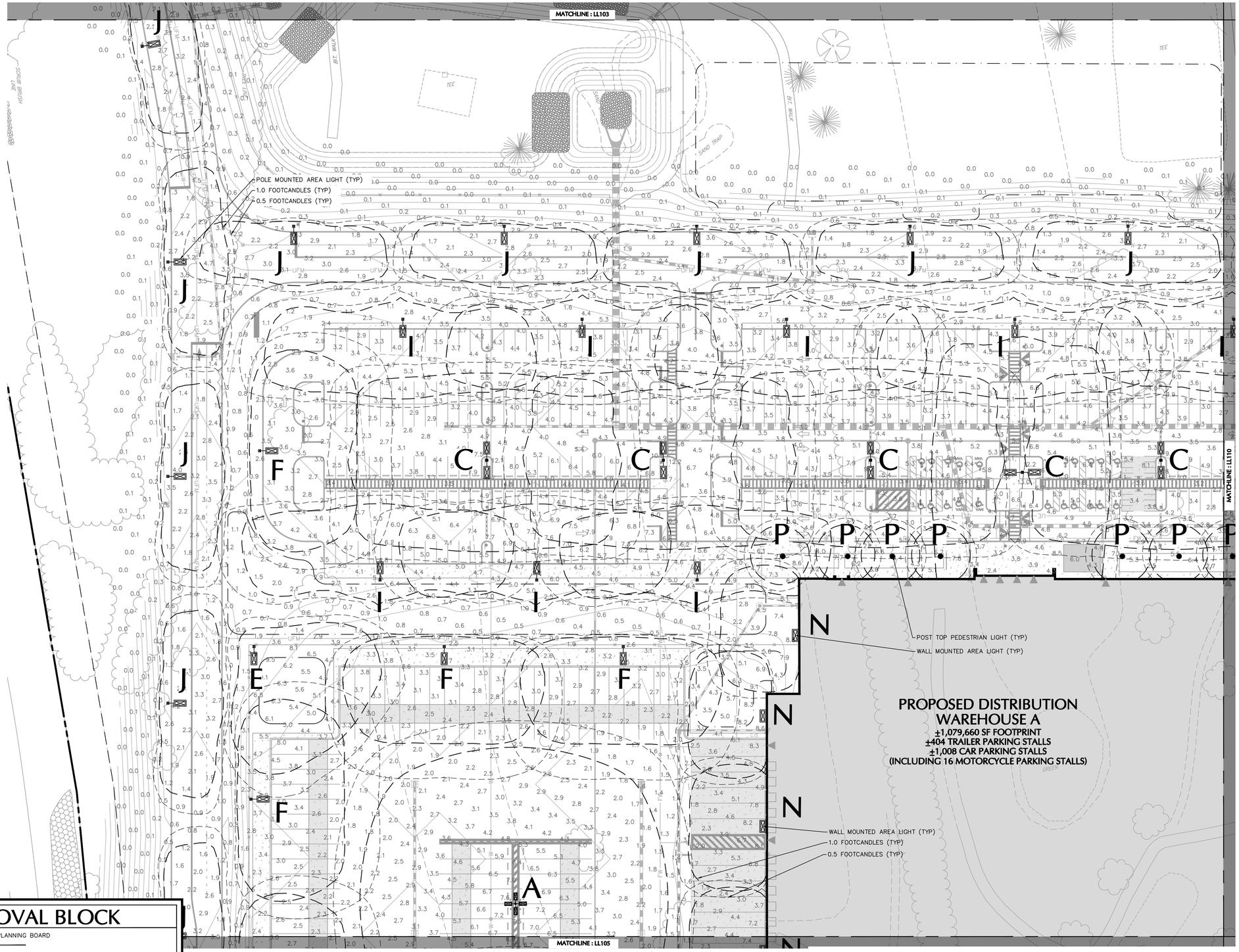

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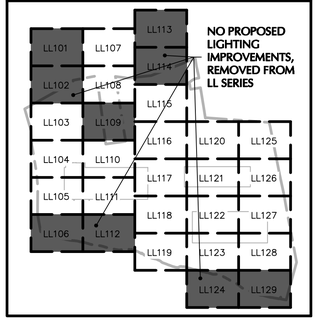

Date	Description	No.
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON
HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LIGHTING PLAN IV

Project No.	Drawing No.
151010101	LL104
Date 12/01/2020	
Drawn By YW	
Checked By MH	

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING:_____

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PLANNING BOARD SECRETARY:_____ SIGNATURE DATE:_____

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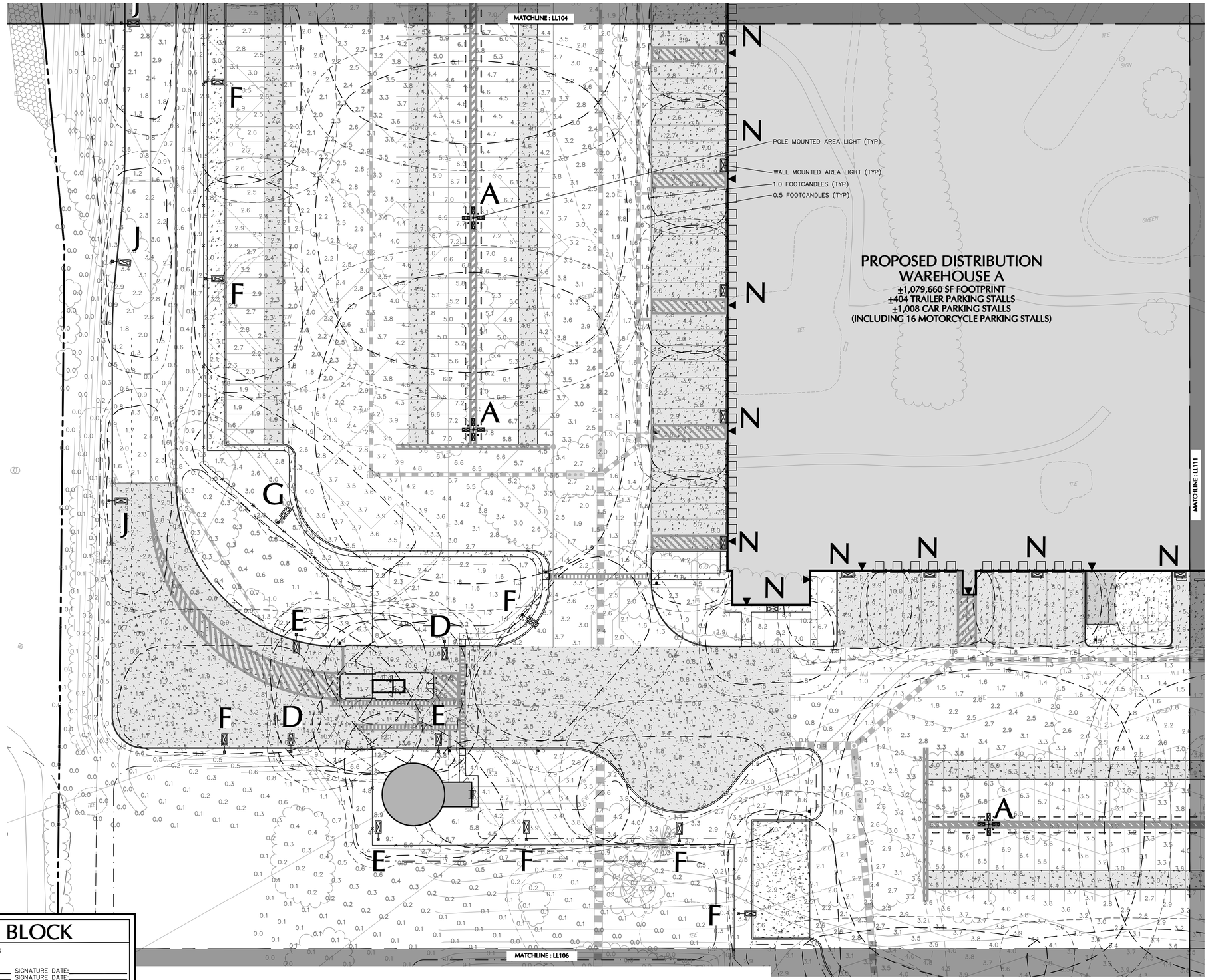
Date: 11/30/2020 Time: 21:21 User: acassella Style Table: Langan.stb Layout: LL104 Document Code: CP01-151010101-0502-LL101-0105



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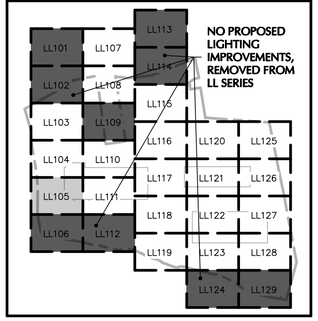

Date	Description	No.
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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Project

HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON
HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LIGHTING PLAN V

Project No.	Drawing No.
151010101	LL105
Date 12/01/2020	
Drawn By YW	
Checked By MH	

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
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PLANNING BOARD SECRETARY:_____ SIGNATURE DATE:_____

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SCALE: 1 INCH = 40 FEET

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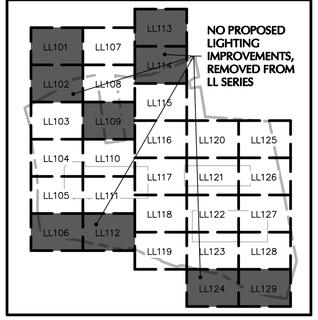
SHEET LEGEND

1"=1500'



Date	Description	No.
09/14/20	AOT COMMENT RESPONSE	3

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Drawing Title

LIGHTING PLAN VI

Project No.	Drawing No.
151010101	LL106
Date 12/01/2020	
Drawn By YW	
Checked By MH	

APPROVAL BLOCK

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SCALE: 1 INCH = 40 FEET

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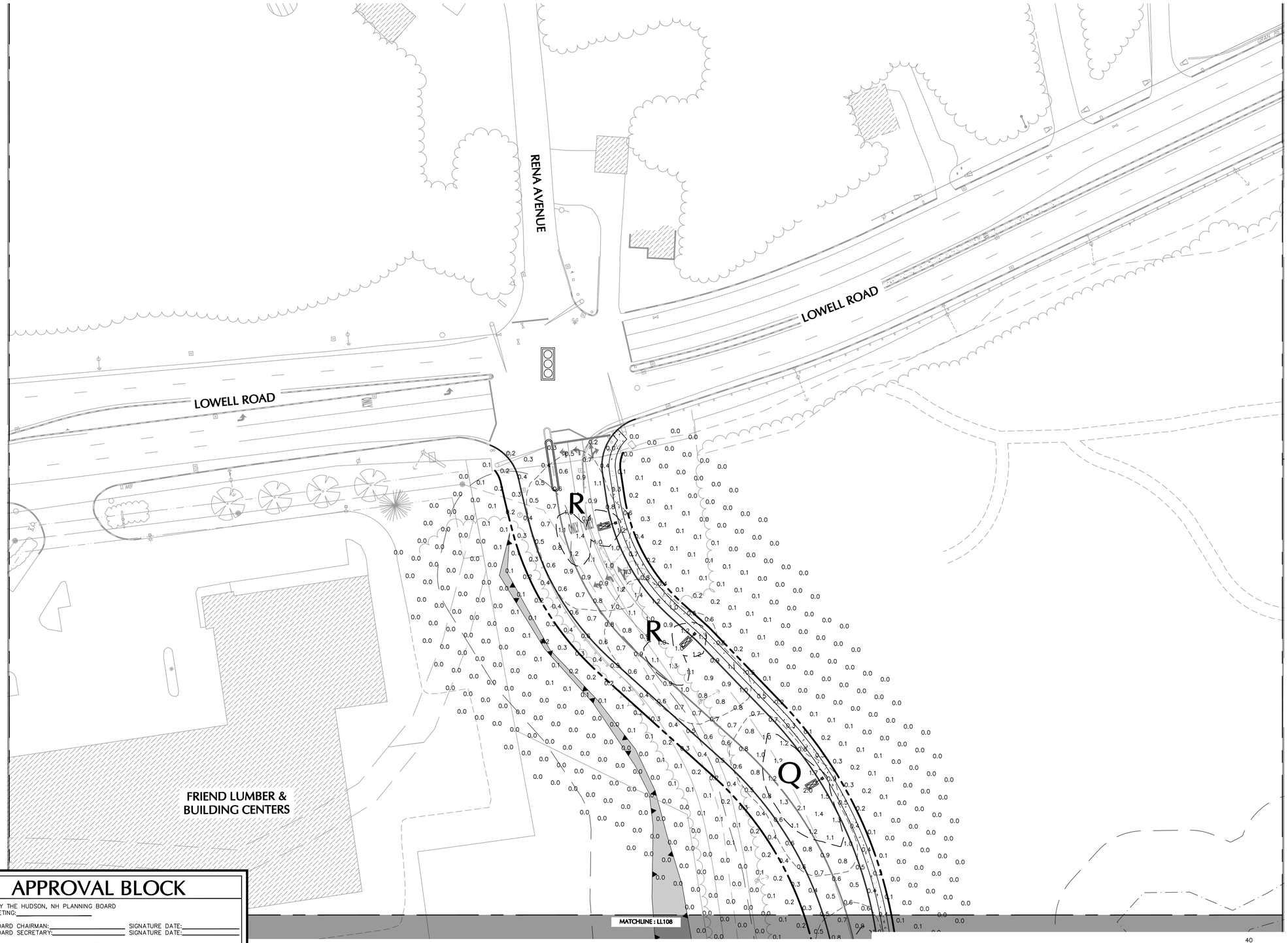

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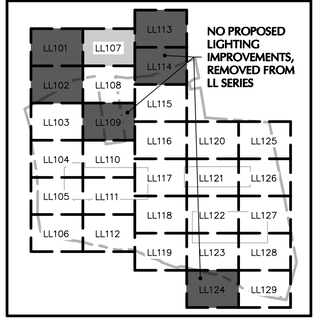

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Date	Description	No.
Revisions		

Signature Date

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MAP No. 239, LOT No. 1
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Drawing Title

LIGHTING PLAN VII

Project No.	Drawing No.
151010101	LL107
Date 12/01/2020	
Drawn By JA	
Checked By MH	

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Project No. 151010101

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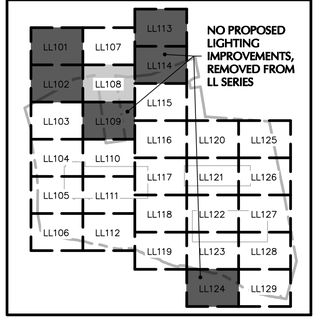
SHEET LEGEND

1"=1500'



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PLANNING BOARD SECRETARY:_____ SIGNATURE DATE:_____

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SCALE: 1 INCH = 40 FEET

Date	Description	No.

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MAP No. 239, LOT No. 1
HUDSON
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Drawing Title
LIGHTING PLAN VIII

Project No. 151010101
Date 12/01/2020
Drawn By JA
Checked By MH
Drawing No. LL108

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Project No. 151010101

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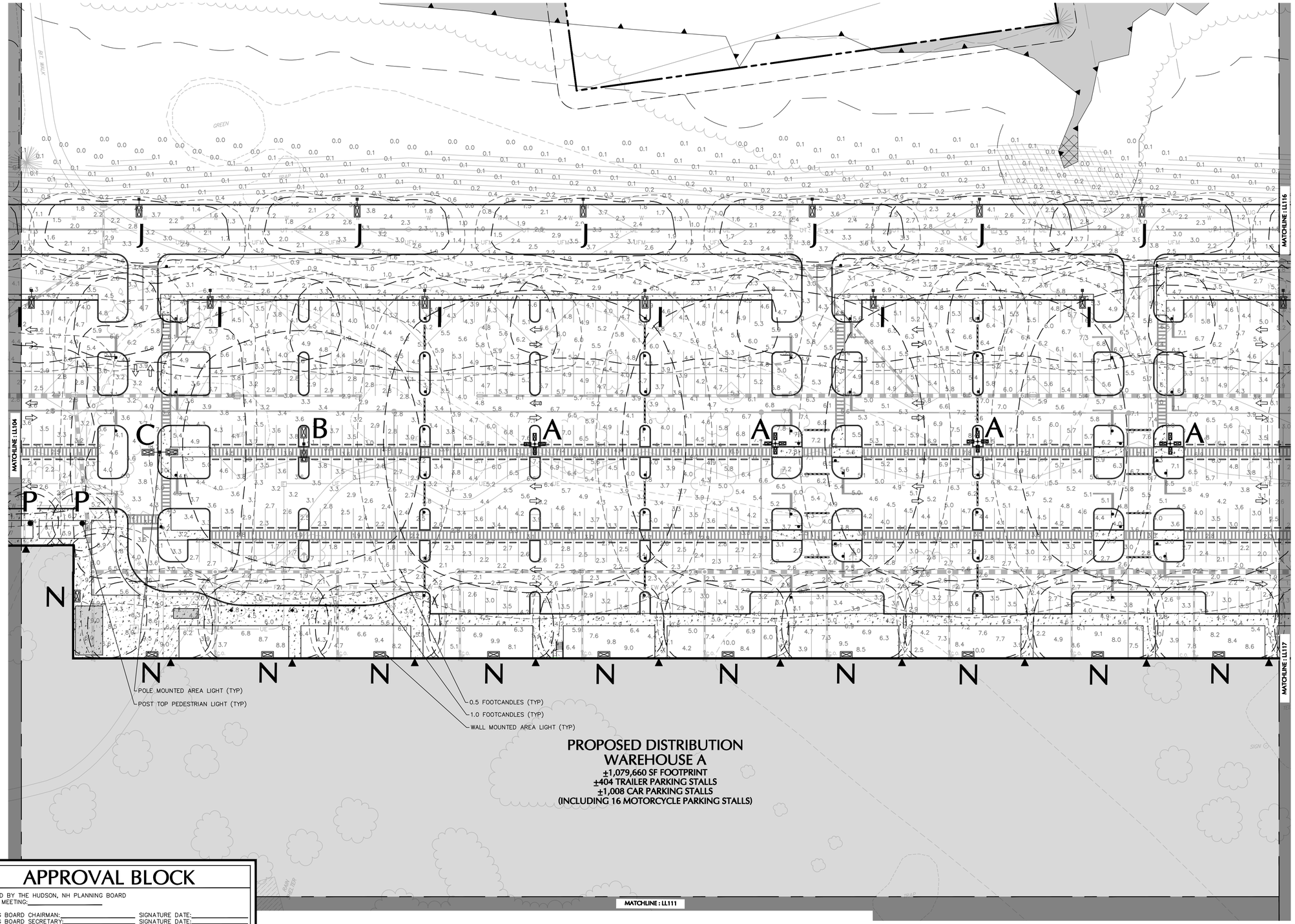

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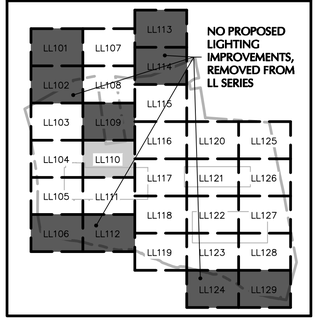

Date	Description	No.
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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MAP No. 239, LOT No. 1
HUDSON
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Drawing Title

LIGHTING PLAN X

Project No. 151010101	Drawing No. LL110
Date 12/01/2020	
Drawn By YW	
Checked By MH	

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING:_____

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PLANNING BOARD SECRETARY:_____ SIGNATURE DATE:_____

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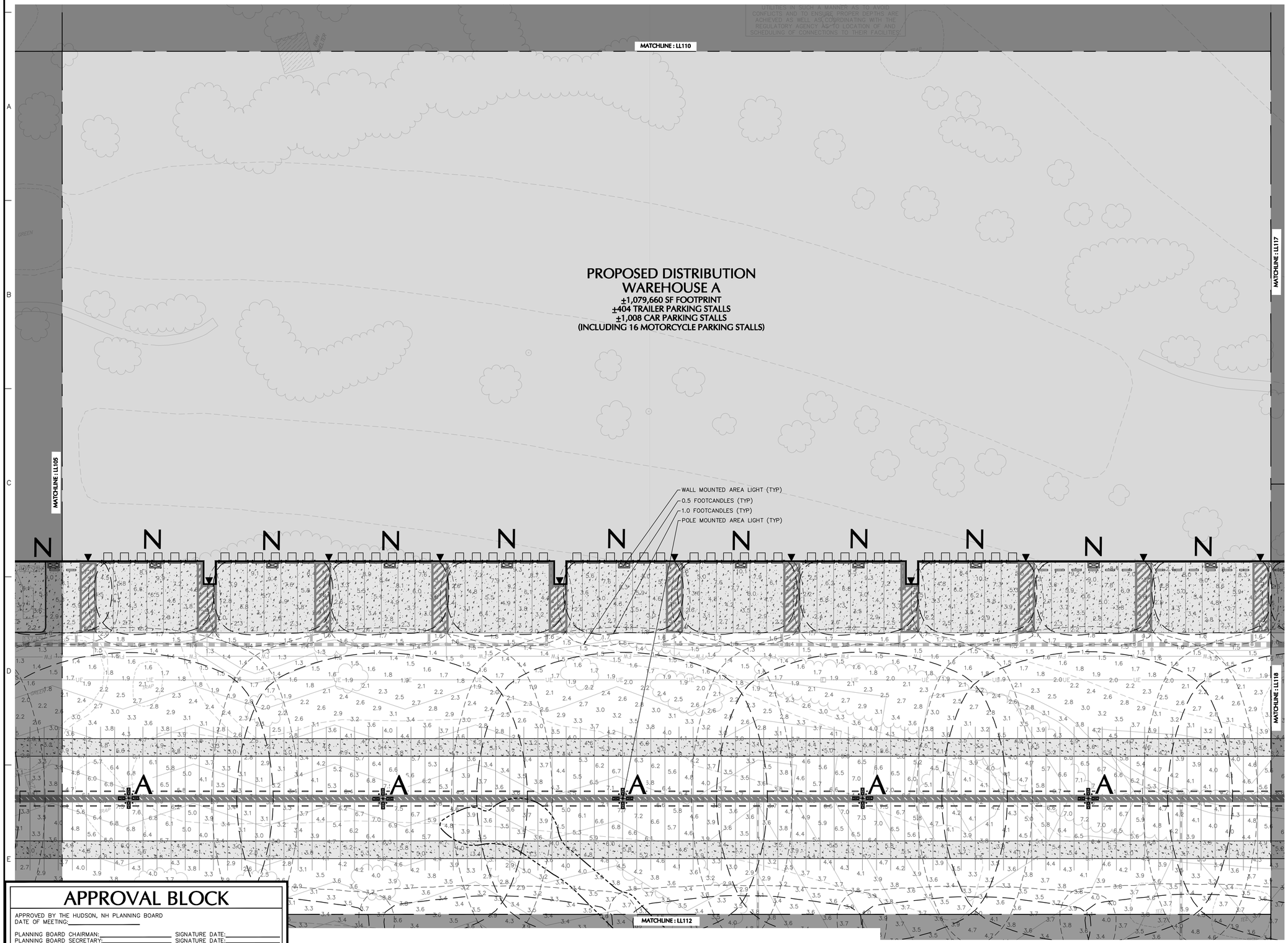

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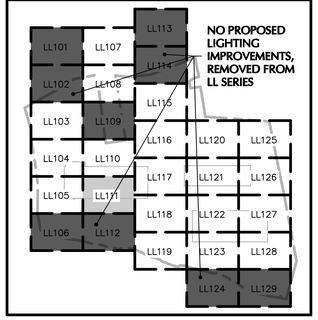

Date	Description	No.
09/14/20	AOT COMMENT RESPONSE	3

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HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON
HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LIGHTING PLAN XI

Project No.	Drawing No.
151010101	LL111
Date 12/01/2020	
Drawn By YW	
Checked By MH	

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
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PLANNING BOARD SECRETARY:_____ SIGNATURE DATE:_____

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SCALE: 1 INCH = 40 FEET

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SHEET LEGEND

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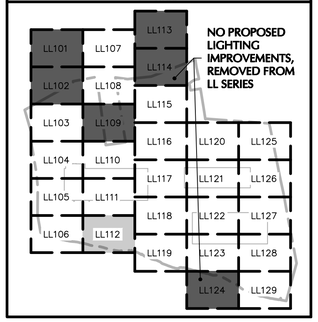

Date	Description	No.
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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Project

HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON

HILLSBOROUGH **NEW HAMPSHIRE**

Drawing Title

LIGHTING PLAN XII

Project No.	Drawing No.
151010101	**LL112**
Date **12/01/2020**	
Drawn By **KK**	
Checked By **MH**	

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING:_____

PLANNING BOARD CHAIRMAN:_____ SIGNATURE DATE:_____
PLANNING BOARD SECRETARY:_____ SIGNATURE DATE:_____

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SCALE: 1 INCH = 40 FEET

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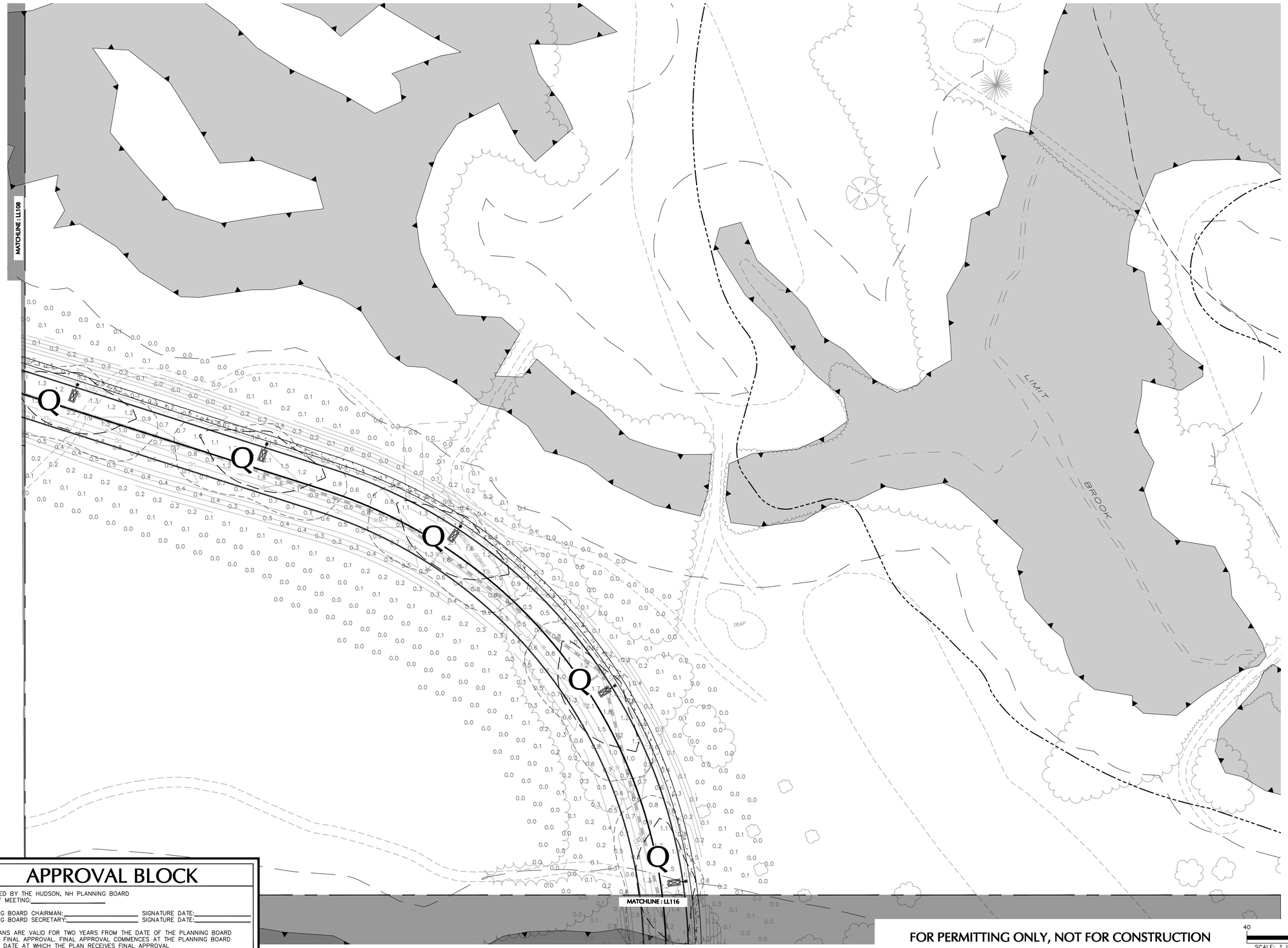

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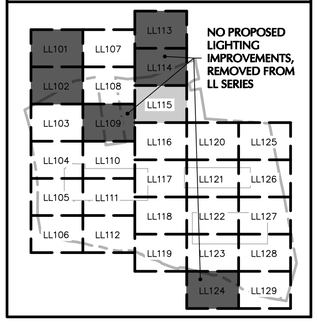

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING:_____

PLANNING BOARD CHAIRMAN:_____ SIGNATURE DATE:_____
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40 0 10 25 40
SCALE: 1 INCH = 40 FEET

Date	Description	No.
	Revisions	

Signature Date
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HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON
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Drawing Title

LIGHTING PLAN XV

Project No.	Drawing No.
151010101	LL115
Date 12/01/2020	
Drawn By JA	
Checked By MH	

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Project No. 151010101

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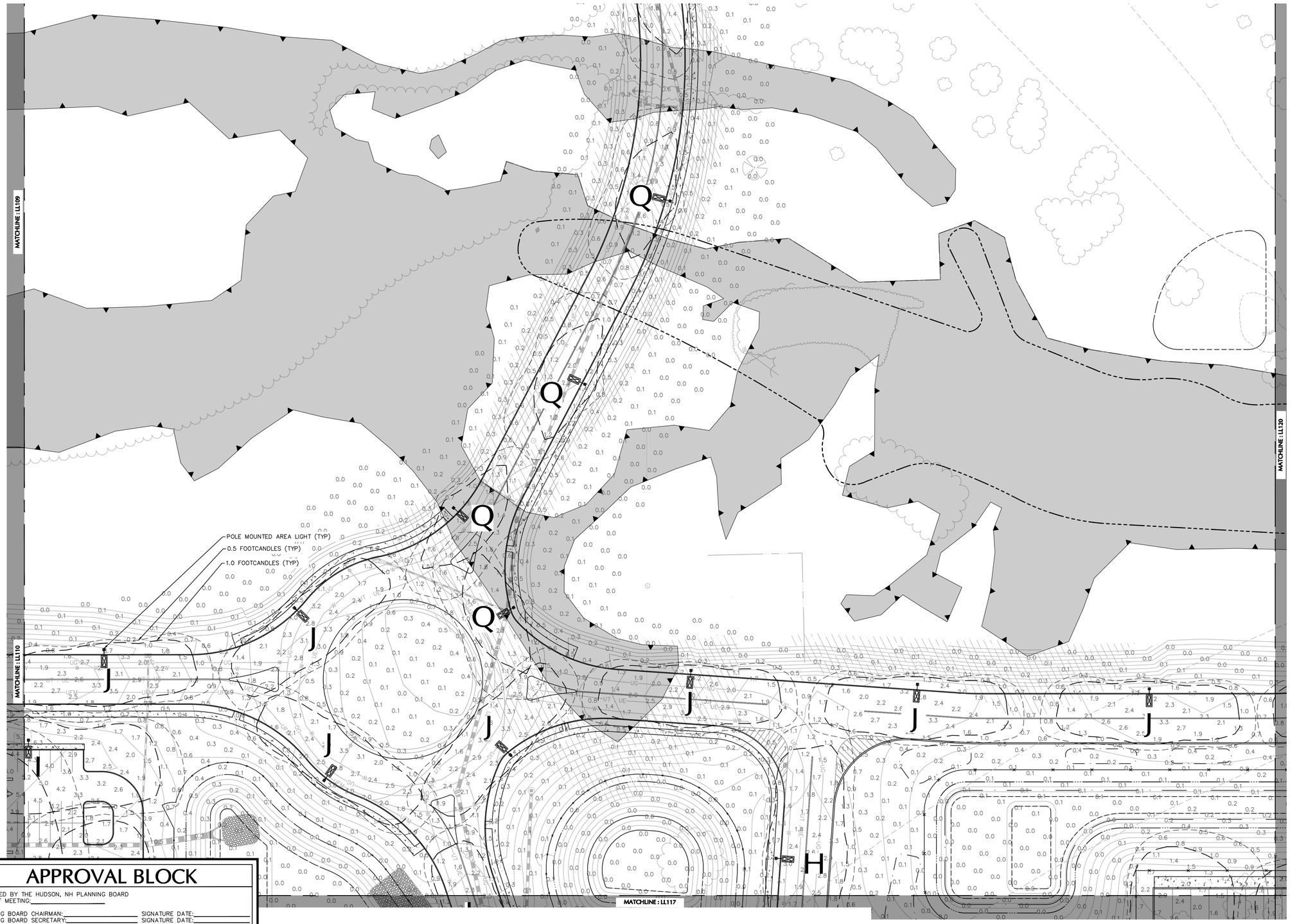
Date: 11/30/2020 Time: 21:30 User: acassella Style Table: Langan.stb Layout: LL115 Document Code: CP01-151010101-0502-LL101-0116



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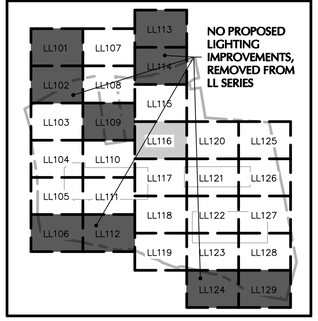

Date	Description	No.
11/30/20	CON. COMM. / PLANNING BOARD COMMENT RESPONSE	4
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON
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Drawing Title

LIGHTING PLAN XVI

Project No.	Drawing No.
151010101	LL116
Date 12/01/2020	
Drawn By YW	
Checked By MH	

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING:_____

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PLANNING BOARD SECRETARY:_____ SIGNATURE DATE:_____

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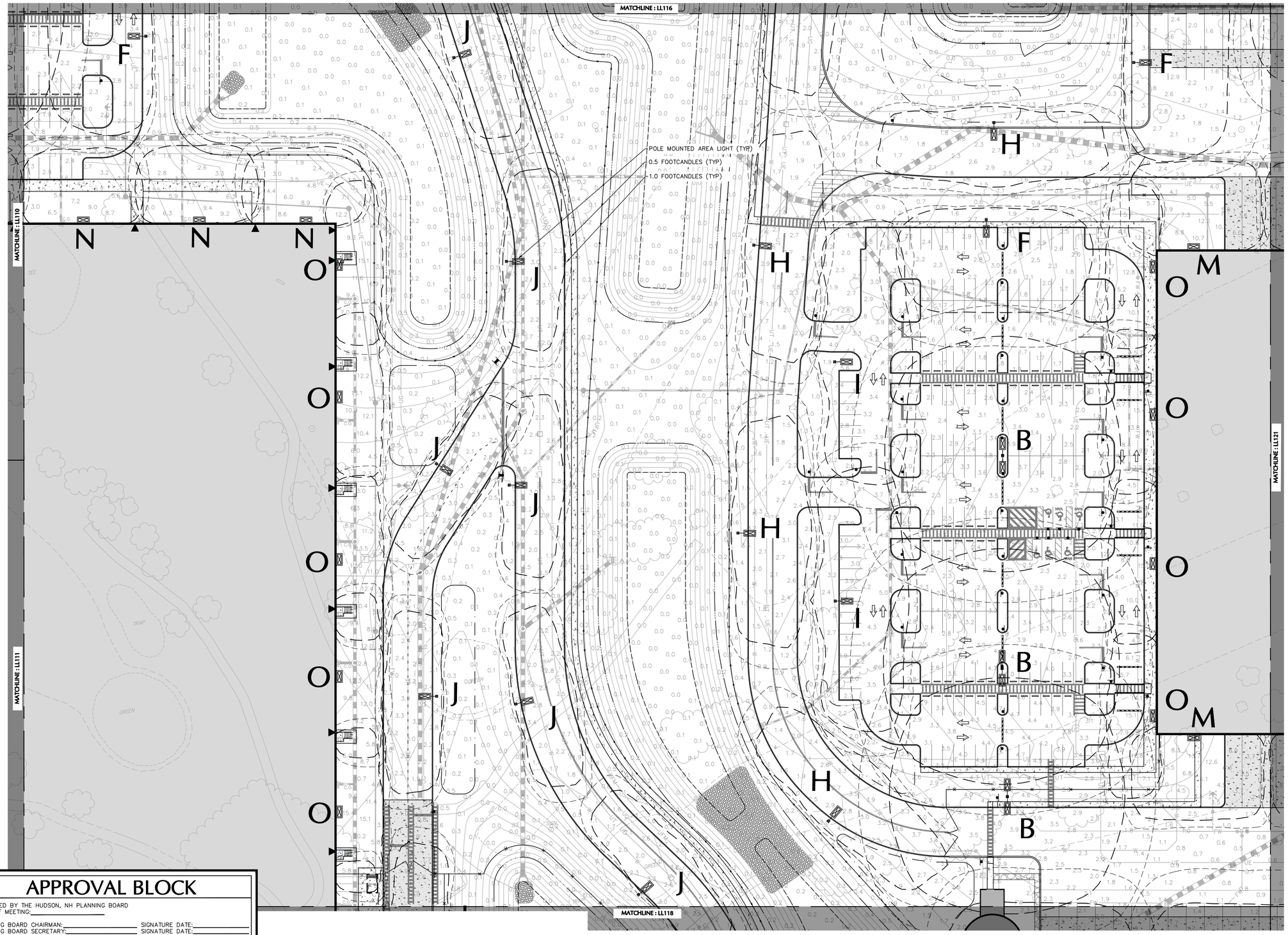

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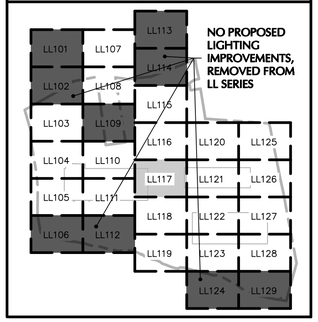

Date	Description	No.
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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Project

HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON
HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LIGHTING PLAN XVII

Project No.	Drawing No.
151010101	LL117
Date 12/01/2020	
Drawn By YW	
Checked By MH	

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING:_____

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PLANNING BOARD SECRETARY:_____ SIGNATURE DATE:_____

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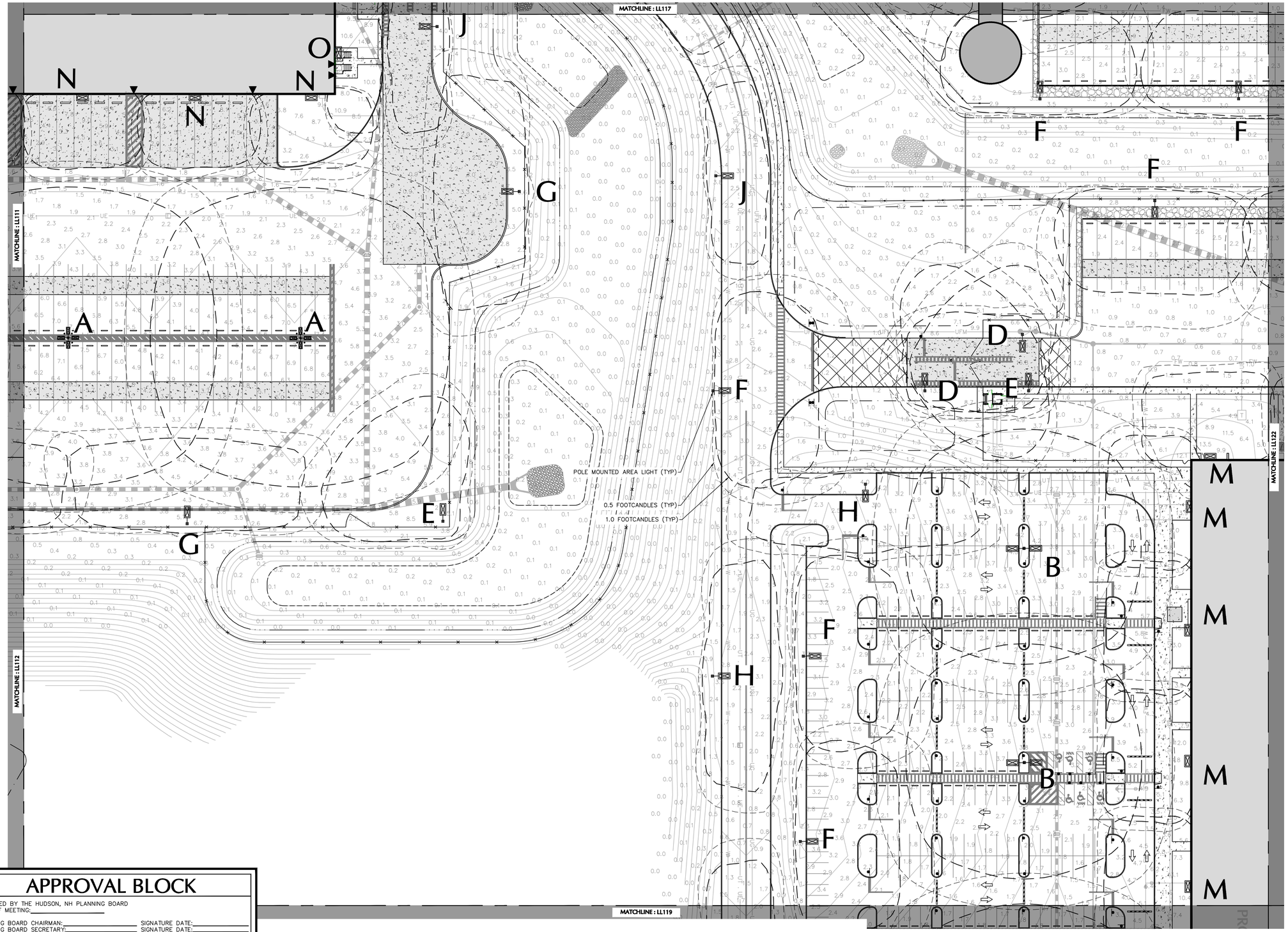

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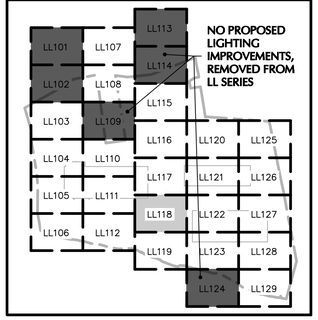

Date	Description	No.
11/30/20	CON. COMM. / PLANNING BOARD COMMENT RESPONSE	4
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON
HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LIGHTING PLAN XXVIII

Project No.	Drawing No.
151010101	LL118
Date 12/01/2020	
Drawn By YW	
Checked By MH	

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
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PLANNING BOARD SECRETARY:_____ SIGNATURE DATE:_____

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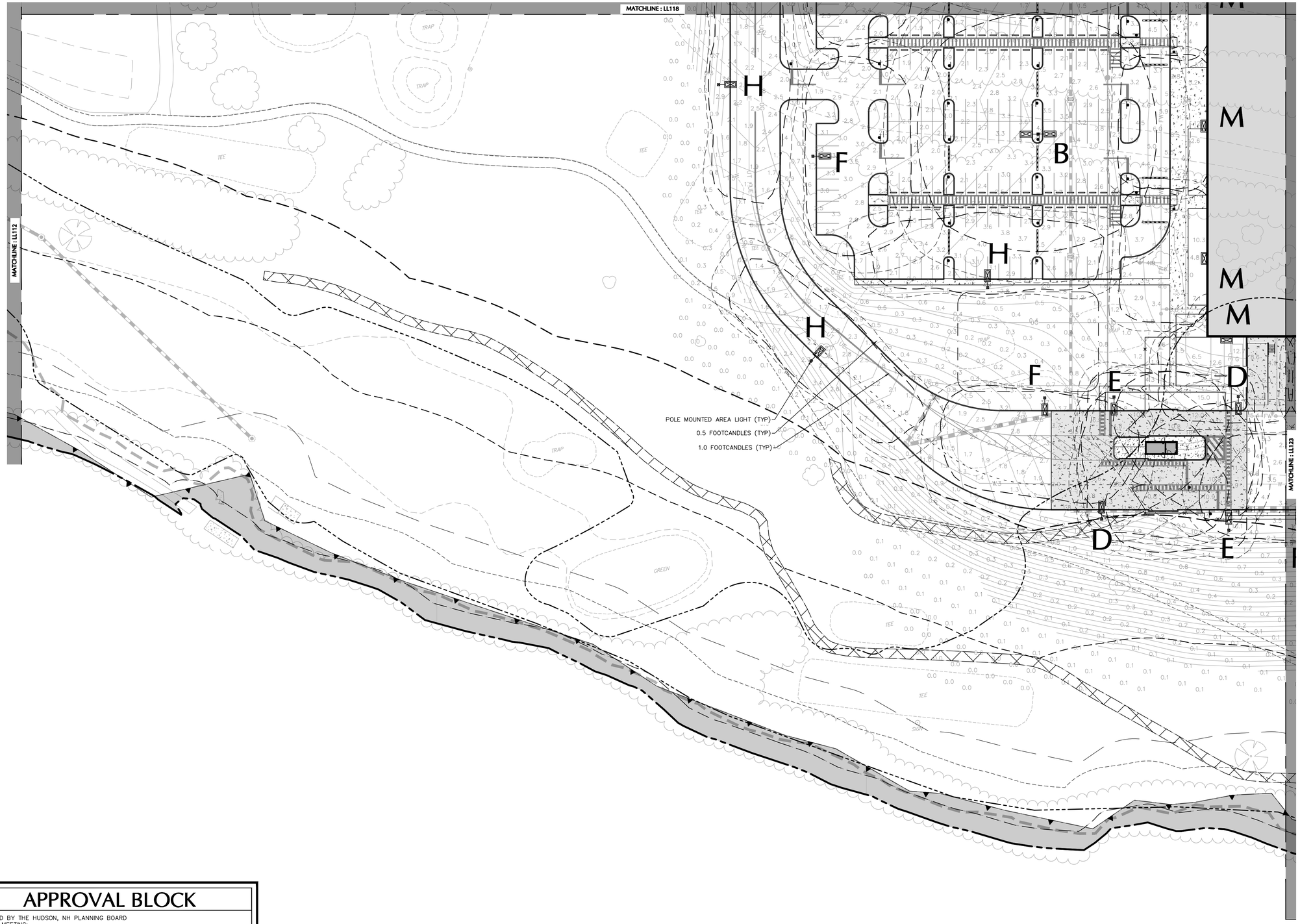
Date: 11/30/2020 Time: 21:33 User: acassella Style Table: Langan.stb Layout: LL118 Document Code: CP01-151010101-0502-LL101-0119



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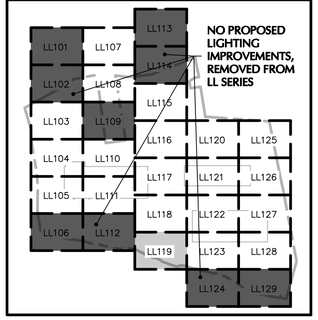

Date	Description	No.
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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MAP No. 239, LOT No. 1
HUDSON
HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LIGHTING PLAN XIX

Project No.	Drawing No.
151010101	LL119
Date 12/01/2020	
Drawn By YW	
Checked By MH	

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
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Project No. 151010101

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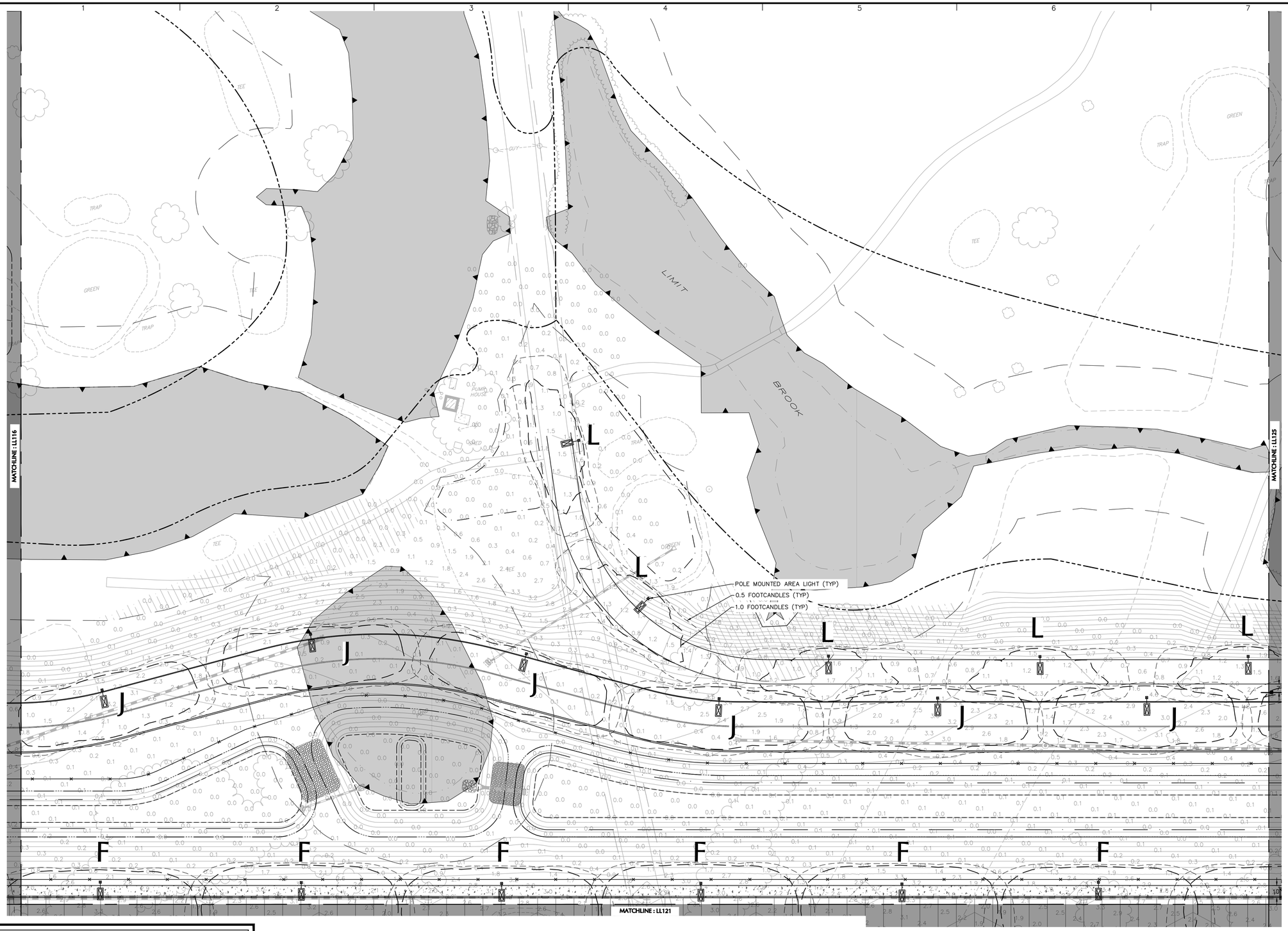

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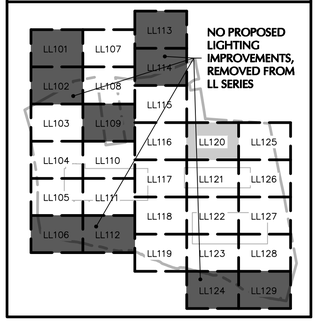

Date	Description	No.
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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MAP No. 239, LOT No. 1
HUDSON
HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LIGHTING PLAN XX

Project No.	Drawing No.
151010101	LL120
Date 12/01/2020	
Drawn By YW	
Checked By MH	

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
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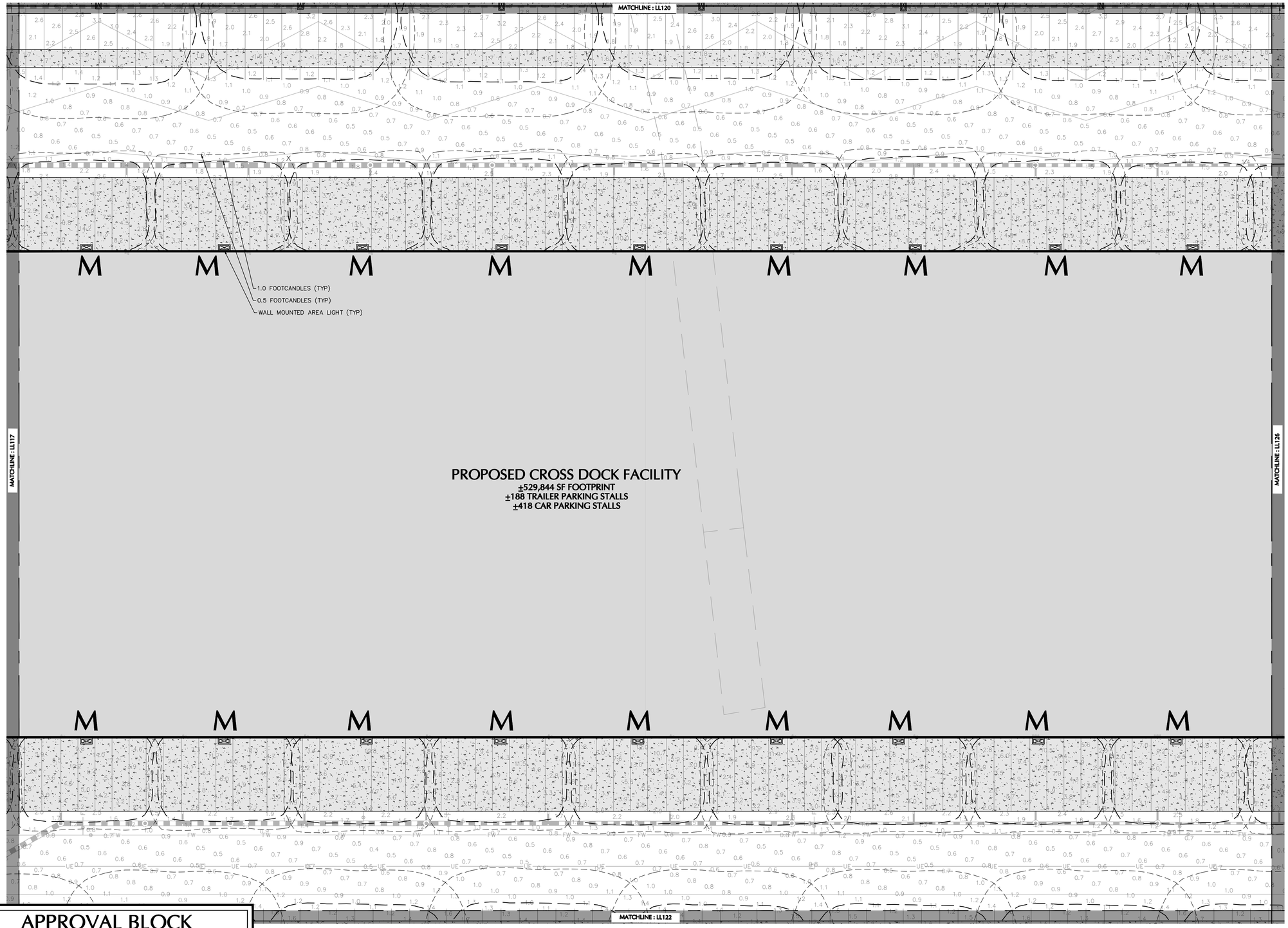

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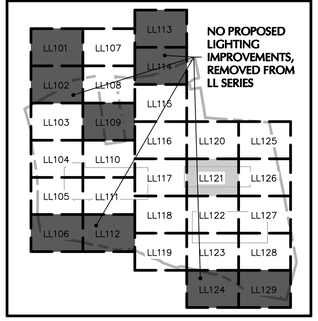

Date	Description	No.
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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MAP No. 239, LOT No. 1
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Drawing Title

LIGHTING PLAN XXI

Project No.	Drawing No.
151010101	LL121
Date 12/01/2020	
Drawn By YW	
Checked By MH	

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
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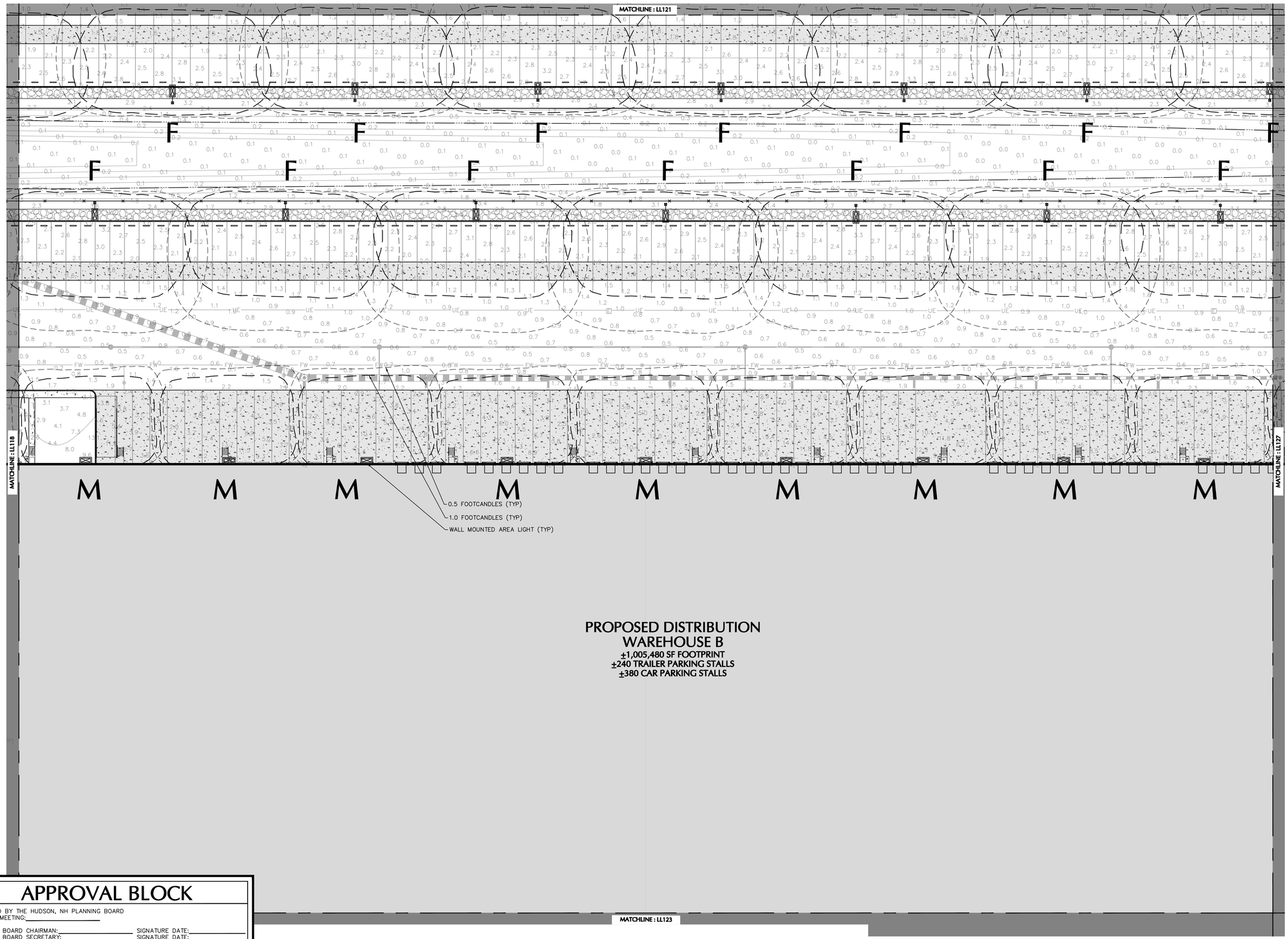

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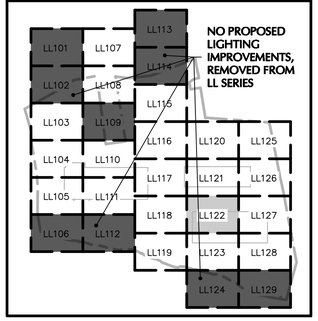

Date	Description	No.
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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Drawing Title

LIGHTING PLAN XXII

Project No.	Drawing No.
151010101	LL122
Date 12/01/2020	
Drawn By YW	
Checked By MH	

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
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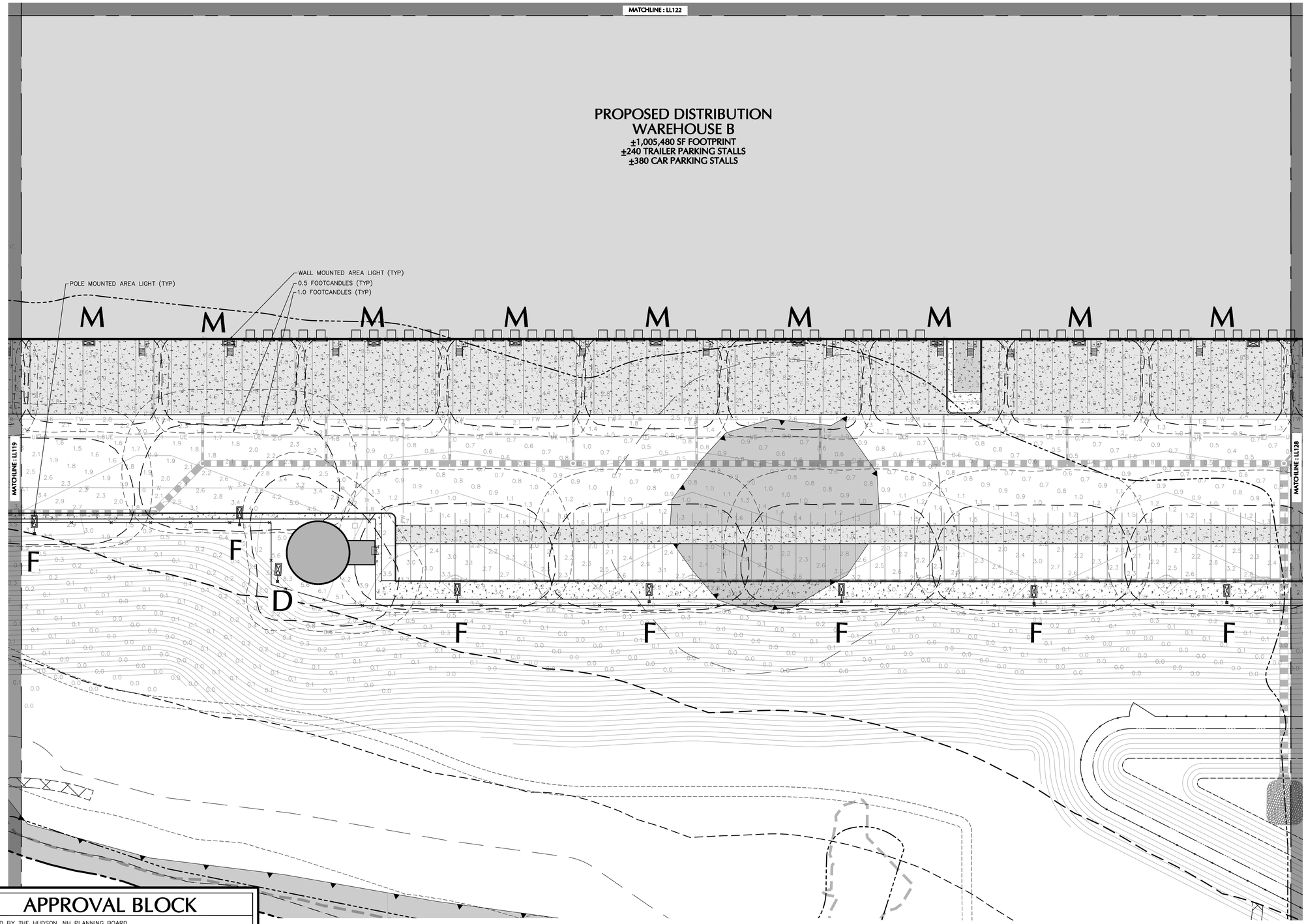

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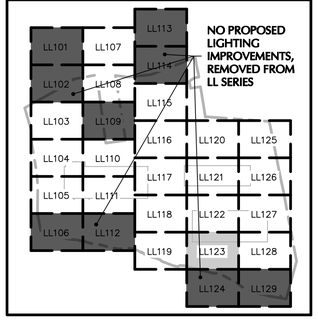

Date	Description	No.
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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MAP No. 239, LOT No. 1
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HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LIGHTING PLAN XXIII

Project No.	Drawing No.
151010101	LL123
Date 12/01/2020	
Drawn By YW	
Checked By MH	

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
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SHEET LEGEND

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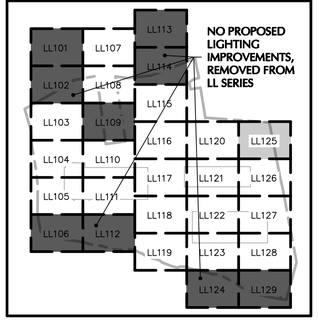

Date	Description	No.
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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Project

HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON
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Drawing Title

LIGHTING PLAN XXIX

Project No.	Drawing No.
151010101	LL125
Date 12/01/2020	
Drawn By YW	
Checked By MH	

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
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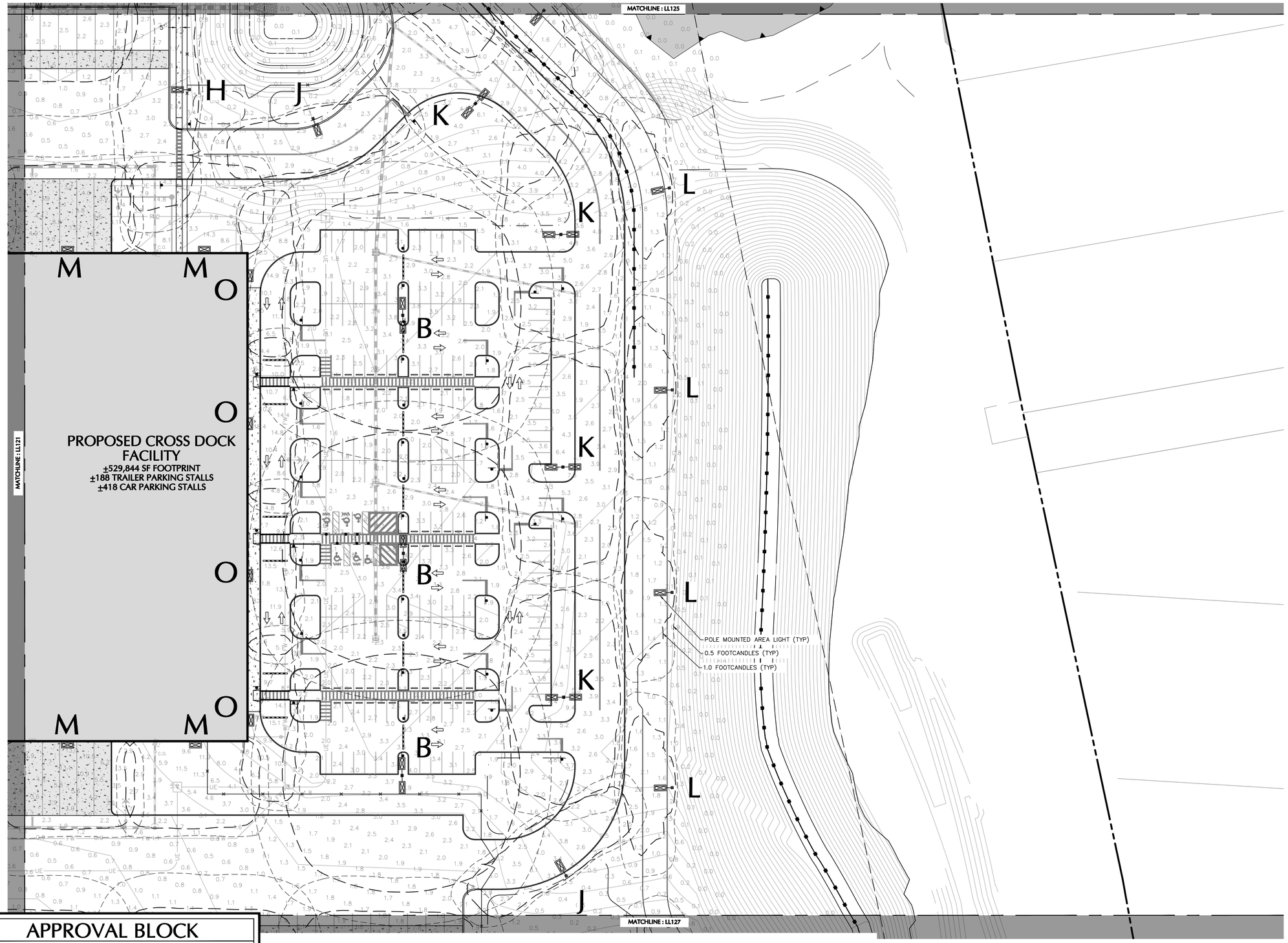

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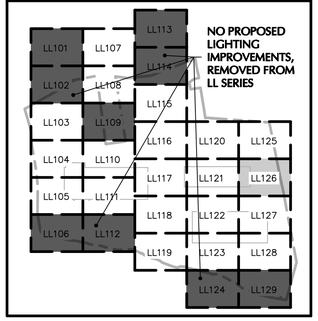

Date	Description	No.
09/14/20	AOT COMMENT RESPONSE	3

REVISIONS

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Project

HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON
HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LIGHTING PLAN XXVI

Project No.	DRAWING_FIGURE_LABEL
151010101	LL126
Date 12/01/2020	
Drawn By YW	
Checked By MH	

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
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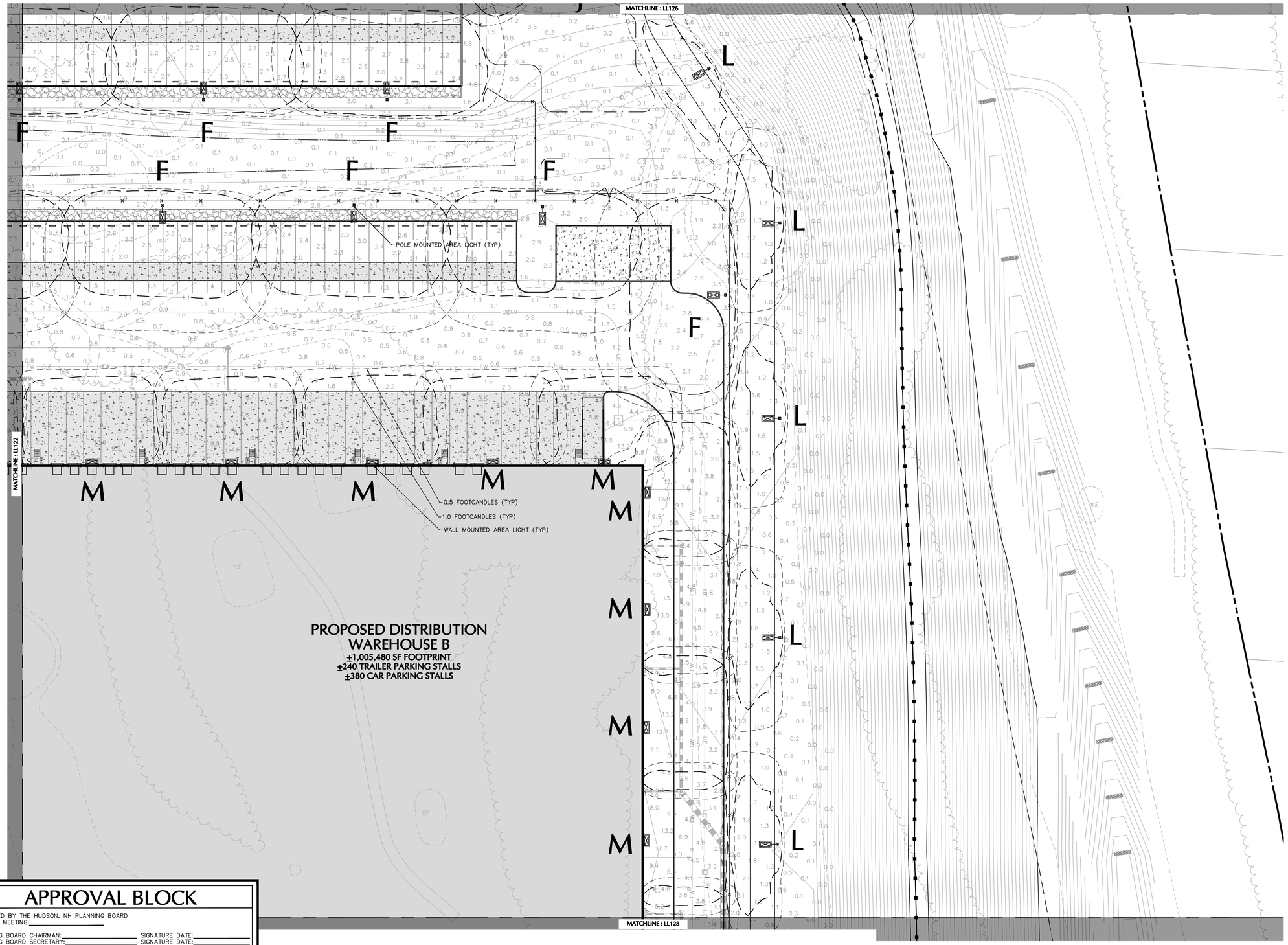

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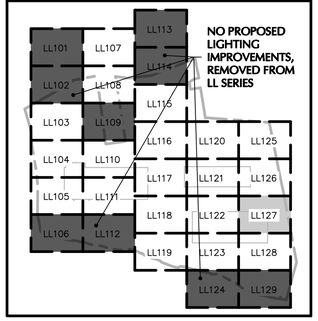

Date	Description	No.
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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STATE LIC. NO. 152

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Project

HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON

HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LIGHTING PLAN XXVII

Project No.	Drawing No.
151010101	LL127
Date: 12/01/2020	
Drawn By: YW	
Checked By: MH	

APPROVAL BLOCK

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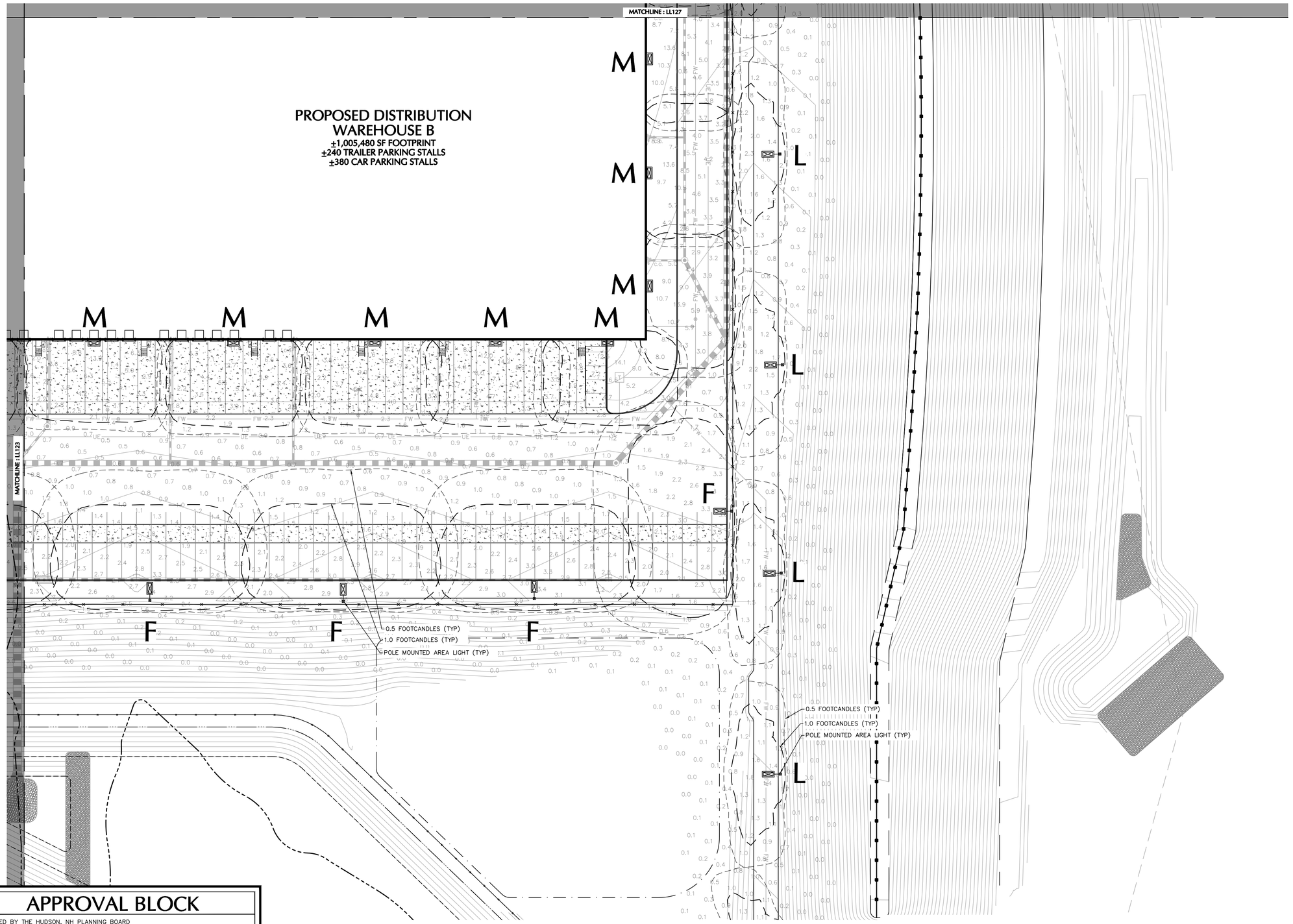

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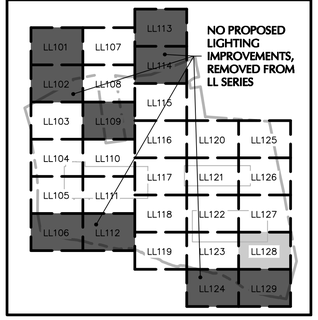

Date	Description	No.
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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STATE LIC. NO. 152

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Project

HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON
HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LIGHTING PLAN XXVIII

Project No.	Drawing No.
151010101	LL128
Date 12/01/2020	
Drawn By YW	
Checked By MH	

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING:_____

PLANNING BOARD CHAIRMAN:_____ SIGNATURE DATE:_____
PLANNING BOARD SECRETARY:_____ SIGNATURE DATE:_____

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SHEET LEGEND

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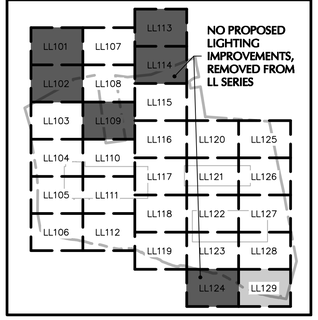

Date	Description	No.
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
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HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LIGHTING PLAN XXIX

Project No.	Drawing No.
151010101	**LL129**
Date **12/01/2020**	
Drawn By **YW**	
Checked By **MH**	

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
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PLANNING BOARD SECRETARY:_____ SIGNATURE DATE:_____

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LIGHTING NOTES:

GENERAL

1. POINT–BY–POINT CALCULATIONS PROVIDED WITHIN HAVE BEEN PREPARED IN ACCORDANCE TO IESNA STANDARDS AND IN CONSIDERATION OF THE VARIABLES WITHIN THESE NOTES AND SITE LIGHTING SCHEDULE. THE VALUES SHOWN ON THE PLANS ARE NOT AN INDICATION OF THE INITIAL LIGHT INTENSITIES OF THE LAMPS. THESE VALUES ARE AN APPROXIMATION OF THE MAINTAINED INTENSITIES DELIVERED TO THE GROUND PLANE USING INDUSTRY STANDARD LIGHT LOSS FACTORS (LLF) WHICH COVER LAMP DEGRADATION AND NATURAL BUILDUP/ DIRT DEGRADATION ON THE FIXTURE LENS. THE LIGHTING PLAN IS DESIGNED WITH AN INDUSTRY STANDARD LLF IN ACCORDANCE WITH GUIDANCE AS PROVIDED BY IESNA. MINOR VARIATIONS IN TOPOGRAPHY, PHYSICAL OBSTRUCTIONS, AMBIENT OR ADJACENT LIGHT SOURCES AND/OR OTHER POTENTIAL IMPACTS HAVE NOT BEEN INCLUDED IN THESE CALCULATIONS. THEREFORE, AS–BUILT LIGHT INTENSITIES MAY VARY, IN EITHER DIRECTION, FROM WHAT IS EXPLICITLY PORTRAYED WITHIN THESE DRAWINGS.NO GUARANTEE OF LIGHT LEVELS IS EXPRESSED OR IMPLIED BY THE POINT BY POINT CALCULATIONS SHOWN ON THESE PLANS.
2. LIGHT LEVEL POINT SPACING IS 10 FT. LEFT TO RIGHT AND 10 FT. TOP TO BOTTOM. POINT BY POINT CALCULATIONS ARE BASED ON THE LIGHT LOSS FACTOR AS STATED IN THE LIGHTING SCHEDULE.
3. ALL LIGHTING IS TO BE FULL CUT–OFF.

COMPLIANCE

3. ALL SITE LIGHTING RELATED WORK AND MATERIALS SHALL COMPLY WITH CITY, COUNTY, AND OTHER APPLICABLE GOVERNING AUTHORITY REQUIREMENTS.
4. LIGHTING LAYOUT COMPLIES WITH THE ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA) SAFETY STANDARDS FOR LIGHT LEVELS.

COORDINATION

5. CONTRACTOR TO COORDINATE POWER SOURCE WITH LIGHT FIXTURES TO ENSURE ALL SITE LIGHTING IS OPERATING EFFECTIVELY, EFFICIENTLY AND SAFELY.
6. REFER TO ELECTRIFICATION PLAN FOR PROVIDING ADEQUATE POWER FOR SITE LIGHTING.
7. CONTRACTOR TO COORDINATE LOCATION OF EASEMENTS, UNDERGROUND UTILITIES AND DRAINAGE BEFORE DRILLING POLE BASES.
8. INSTALLATION OF ALL LIGHTING FIXTURES, POLES, FOOTINGS, AND FEEDER CABLE TO BE COORDINATED WITH ALL SITE WORK TRADES TO AVOID CONFLICT WITH FINISHED AND PROPOSED WORK.
9. CONTRACTOR TO COORDINATE INSTALLATION OF UNDERGROUND FEEDER CABLE FOR EXTERIOR LIGHTING WITH EXISTING AND PROPOSED UTILITIES, SITE DRAINAGE SYSTEMS, AND PAVING. CONTRACTOR SHALL PROMPTLY NOTIFY THE OWNER'S REPRESENTATIVE SHOULD ANY UTILITIES, NOT SHOWN ON THE PLANS, BE FOUND DURING EXCAVATIONS.

POLES AND FOOTINGS

10. PROVIDE A CONCRETE BASE FOR EACH LIGHT POLE AT THE LOCATIONS INDICATED ON THE CONSTRUCTION DRAWINGS AND/OR IN ACCORDANCE WITH PROJECT PLANS AND SPECIFICATIONS RELATING DIRECTLY TO CAST–IN–PLACE CONCRETE. THE USE OF ALTERNATE LIGHTING FOUNDATIONS, SUCH AS PRECAST, MAY CHANGE THE SIZING AND REINFORCEMENT REQUIREMENTS FROM THOSE SHOWN ON THESE PLANS. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO ORDERING ANY SUBSTITUTED PRODUCTS.
11. CONTRACTOR SHALL EXAMINE AND VERIFY THAT SOIL CONDITIONS ARE SUITABLE TO SUPPORT LOADS EXERTED UPON THE FOUNDATIONS DURING EXCAVATION. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY UNSATISFACTORY CONDITIONS.
12. POLE FOUNDATIONS SHALL NOT BE POURED IF FREE STANDING WATER IS PRESENT IN EXCAVATED AREA.
13. ALL POLES HIGHER THAN 25 FT. SHALL BE EQUIPPED WITH FACTORY INSTALLED VIBRATION DAMPENERS.

WALL MOUNTED FIXTURES

14. CONTRACTOR TO COORDINATE INSTALLATION OF ALL THE WALL MOUNTED FIXTURES AND ELECTRICAL CONNECTIONS TO SITE STRUCTURE(S) WITH BUILDING MEP, ARCHITECT, AND/OR OWNER.
15. INSTALLATION AND ELECTRICAL CONNECTIONS FOR WALL MOUNTED FIXTURES TO BE COORDINATED WITH ARCHITECTURAL, STRUCTURAL, UTILITY AND SITE PLANS AND TO BE IN ACCORDANCE WITH ALL APPLICABLE CODES.

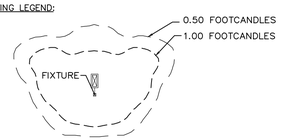
ADJUSTMENT AND INSPECTION

16. CONTRACTOR TO OPERATE EACH LUMINAIRE AFTER INSTALLATION AND CONNECTION. INSPECT FOR IMPROPER CONNECTIONS AND OPERATION.
17. CONTRACTOR TO AIM AND ADJUST ALL LUMINAIRES TO PROVIDE ILLUMINATION LEVELS AND DISTRIBUTION AS INDICATED ON THE CONSTRUCTION DRAWINGS OR AS DIRECTED BY THE LANDSCAPE ARCHITECT AND/OR OWNER.
18. CONTRACTOR TO CONFIRM THAT LIGHT FIXTURES, TILT ANGLE AND AIMING MATCH SPECIFICATIONS ON THE PLANS.

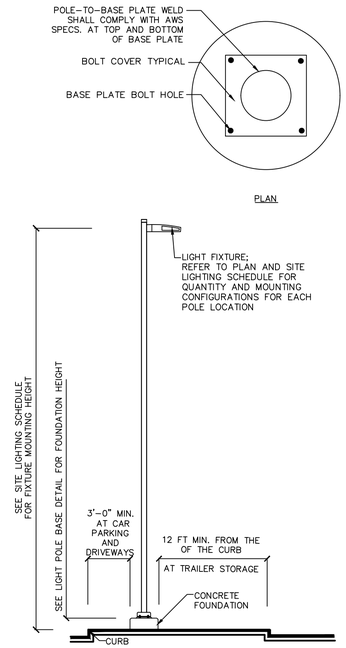
REQUIREMENTS FOR ALTERNATES

19. ALL LIGHTING SUBSTITUTIONS MUST BE MADE WITHIN 14 DAYS PRIOR TO THE BID DATE TO PROVIDE AMPLE TIME FOR REVIEW AND TO ISSUE AN ADDENDUM INCORPORATING THE SUBSTITUTION WITH THE FOLLOWING REQUIREMENTS:
    - A. ANY SUBSTITUTION TO LIGHTING FIXTURES, POLES, ETC. MUST BE APPROVED BY THE OWNER, ENGINEER AND TENANTS. ANY COST ASSOCIATED WITH REVIEW AND/OR APPROVAL OF THE SUBSTITUTIONS SHALL BE ENTIRELY BORNE BY THE CONTRACTOR
    - B. COMPUTER PREPARED PHOTOMETRIC LAYOUT OF THE PROPOSED LIGHTED AREA WHICH INDICATES, BY ISOFOOTCANDLE, THE SYSTEM'S PERFORMANCE.
    - C. A PHOTOMETRIC REPORT FROM A NATIONAL INDEPENDENT TESTING LABORATORY WITH REPORT NUMBER, DATE, FIXTURE CATALOG NUMBER, LUMINAIRE AND LAMP SPECIFICATIONS; IES CALCULATIONS, POINT BY POINT FOOT CANDLE PLAN, STATISTIC ZONES SHOWING AVERAGE, MAXIMUM, MINIMUM AND UNIFORMITY RATIOS, SUMMARY, ISOLUX PLOT, AND CATALOGUE CUTS. CATALOGUE CUTS MUST IDENTIFY OPTICS, LAMP TYPE, DISTRIBUTION TYPE, REFLECTOR, LENS, BALLASTS, WATTAGE, VOLTAGE, FINISH HOUSING DESCRIPTION AND ALL OTHER PERTINENT INFORMATION.
    - D. POLE MANUFACTURER AASHTO CALCULATIONS INDICATING THE POLE AND ANCHOR BOLTS BEING SUBMITTED ARE CAPABLE OF SUPPORTING THE POLE AND FIXTURE SYSTEMS BEING UTILIZED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
    - E. THE UNDERWRITERS LABORATORY LISTING AND FILE NUMBER FOR THE SPECIFIC FIXTURE(S) TO BE UTILIZED.
    - F. A COLOR PHOTOGRAPH THAT CLEARLY SHOWS THE REPLACEMENT FIXTURE POLE MOUNTED, THE FIXTURE'S COLOR, FINISH, AND PHYSICAL CHARACTERISTICS.

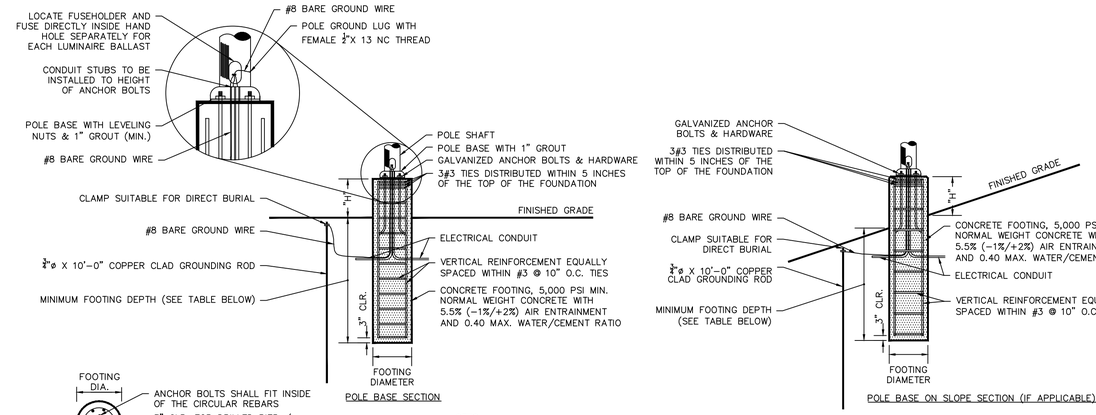
PHOTOMETRIC LIGHTING LEGEND;



NOTE: THE PHOTOMETRIC TEMPLATE REPRESENTS LIGHT THROW FOR EACH INDIVIDUAL FIXTURE AND DOES NOT REPRESENT LIGHT COMING FROM OTHER SOURCES.



1 LIGHT FIXTURE AND POLE
NTS



MOUNTING HEIGHT	FOOTING DEPTH	FOOTING DIAMETER	VERTICAL REINFORCEMENT	'H'
40'–0"	8'–6"	2'–6"	7 #6 BARS	3' EXPOSED CONCRETE BASE
30'–0"	6'–6"	2'–0"	6 #5 BARS	AT GRADE
10'–0"	4'–6"	2'–0"	8 #5 BARS	AT GRADE

2 LIGHT POLE BASE
NTS

NOTES:

1. SHAFT CAP, ARMS, BASE FLANGE, ANCHOR BOLTS, LEVELING NUTS, CONNECTION HARDWARE, BOLT COVERS, HANDHOLE COVER, AND BOLT CIRCLE TEMPLATE SHALL BE FURNISHED BY POLE MANUFACTURER.
2. EACH STANDARD TO BE PROTECTED AGAINST LIGHTNING WITH AN INTERCONNECTED GROUND ROD. THIS ROD SHALL BE BONDED PER SECTION NUMBER 250–86, N.E.C.
3. CONCRETE WORK SHALL COMPLY WITH THE REQUIREMENT OF ACI 318. CAST–IN–PLACE SHALL HAVE UNCONFINED COMPRESSIVE STRENGTH OF AT LEAST 5,000 PSI AT 28–DAYS. DEFORMED REINFORCEMENT BARS SHALL CONFORM TO ASTM A615, GRADE 60.
4. CONTRACTOR TO ENSURE CONCRETE POLE BASES ARE POURED / PLACED ABSOLUTELY VERTICAL & LEVEL.
5. IF POLE BASE IS CAST–IN–PLACE, POLE BASE SHALL BE ONE CONTINUOUS POUR. EXPOSED PORTION OF BASE SHALL BE HAND–RUBBED SMOOTH.
6. CONTRACTOR TO COMPACT SUBGRADE AROUND POLE BASE PER EARTHWORK SPECIFICATIONS / GEOTECH REPORT.
7. THE INFORMATION ILLUSTRATED IN THE LIGHT POLE FOUNDATION DETAIL HAS BEEN PROVIDED FOR GENERAL REFERENCE AND PRELIMINARY COST ESTIMATE PURPOSES. LIGHT POLE FOUNDATIONS SHOULD BE DESIGNED AND DETAILED BY A LICENSED STRUCTURAL ENGINEER BASED ON EXISTING SOIL CONDITIONS, LOCAL DESIGN STANDARDS AND MANUFACTURERS RECOMMENDATIONS.
8. CONTRACTOR TO CONFIRM GROUNDING DESIGN WITH MEP.

FOR PERMITTING ONLY, NOT FOR CONSTRUCTION

Date	Description	No.
09/14/20	AOT COMMENT RESPONSE	3

REVISIONS

MICHAEL SZURA
LICENSED LANDSCAPE ARCHITECT
STATE LIC. NO. 152

LANGAN
Langan Engineering and Environmental Services, Inc.
888 Boylston Street, Ste 510
Boston, MA 02199
T: 617.824.9100 F: 617.824.9101 www.langan.com

Project
HUDSON LOGISTICS CENTER
MAP No. 239, LOT No. 1
HUDSON
HILLSBOROUGH NEW HAMPSHIRE

Drawing Title
LIGHTING NOTES AND DETAILS

Project No. 151010101
Date 12/01/2020
Drawn By YW
Checked By MH

LL501

LANGAN
Project No. 151010101

© 2019 Langan

McGraw-Edison

Catalog #		Type
Project		
Comments		Date
Prepared by		

DESCRIPTION

The Galleon™ LED luminaire delivers exceptional performance in a highly scalable, low-profile design. Patented, high-efficiency AccuLED Optics™ system provides uniform and energy conscious illumination to walkways, parking lots, roadways, building areas and security lighting applications. IP66 rated and UL/cUL Listed for wet locations.

SPECIFICATION FEATURES

Construction
Extruded aluminum driver enclosure thermally isolated from Light Squares for optimal thermal performance. Heavy-wall, die-cast aluminum end caps enclose housing and die-cast aluminum heat sinks. A unique, patent pending interlocking housing and heat sink provides scalability with superior structural rigidity. 3G vibration tested and rated. Optional tool-less hardware available for ease of entry into electrical chamber. Housing is IP66 rated.

Optics
Patented, high-efficiency injection-molded AccuLED Optics technology. Optics are precisely designed to shape the distribution maximizing efficiency and application spacing. AccuLED Optics create consistent distributions with the scalability to meet customized application requirements. Offered standard in 4000K (+/- 275K) CCT 70 CRI. Optional 3000K, 5000K and 6000K CCT.

Electrical
LED drivers are mounted to removable tray assembly for ease of maintenance. 120-277V 50/60Hz, 347V 60Hz or 480V 60Hz operation. 480V is compatible for use with 480Y Wye systems only. Standard with 0-10V dimming. Shipped standard with Eaton proprietary circuit module designed to withstand 10kV of transient line surge. The Galleon LED luminaire is suitable for operation in -40°C to 40°C ambient environments. For applications with ambient temperatures exceeding 40°C, specify the HA (High Ambient) option. Light Squares are IP66 rated. Greater than 90% lumen maintenance expected at 60,000 hours. Available in standard 1A drive current and optional 600mA, 800mA and 1200mA drive currents (nominal).

Mounting
STANDARD ARM MOUNT: Extruded aluminum arm includes internal bolt guides allowing for easy positioning of fixture during mounting. When mounting two or more luminaires at 90° and 120° apart, the EA extended arm may be required. Refer to the arm mounting requirement table. Round pole adapter included. For wall mounting, specify wall mount bracket option. QUICK MOUNT ARM: Adapter is bolted directly to the pole. Quick mount arm slide into place on the adapter and is secured via two screws, facilitating quick and easy installation. The versatile, patent pending, quick mount arm accommodates multiple drill patterns ranging from 1-1/2" to 4-7/8". Removal of the door on the quick mount arm enables wiring of the fixture without having to access the driver compartment. A knock-out enables round pole mounting.

Finish
Housing finished in super durable TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Heat sink is powder coated black. Standard housing colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available.

Warranty
Five-year warranty.

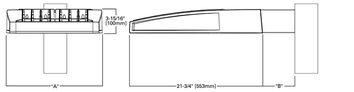
GLEON GALLEON LED

1-10 Light Squares
Solid State LED

AREA/SITE LUMINAIRE

WaveLinx

DIMENSIONS

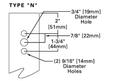


DIMENSION DATA

Number of Light Squares	'A' Width	'B' Standard Arm Length	'B' Optional Arm Length †	Weight with Arm (lbs.)	EPA with Arm * (Sq. Ft.)
1-4	15-1/2" (394mm)	7" (178mm)	10" (254mm)	33 (15.0 kgs.)	0.96
5-6	21-5/8" (549mm)	7" (178mm)	10" (254mm)	44 (20.0 kgs.)	1.00
7-8	27-5/8" (702mm)	7" (178mm)	13" (330mm)	54 (24.5 kgs.)	1.07
9-10	33-3/4" (857mm)	7" (178mm)	16" (406mm)	63 (28.6 kgs.)	1.12

NOTES: 1. Optional arm length to be used when mounting two fixtures at 90° on a single pole. **2.** EPA calculated with optional arm length.

DRILLING PATTERN



*www.designlights.org

CERTIFICATION DATA
3G Vibration Rated
DesignLights Consortium® Qualified*
Dark Sky Approved (3000K CCT and warmer only)
IP66 Rated
ISO 9001
LM79 / LM80 Compliant
UL/cUL Wet Location Listed

ENERGY DATA
Electronic LED Driver
>0.9 Power Factor
<20% Total Harmonic Distortion
120V-277V 50/60Hz
347V, 480V 60Hz
-40°C Min. Temperature
40°C Max. Temperature
50°C Max. Temperature (HA Option)

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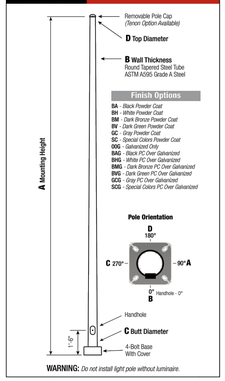
1 AREA LIGHT POLE & WALL MOUNTED FIXTURE
NTS

RTS — Round Tapered Steel Pole No Arm — 4-Bolt Base



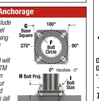
WARNING: *Do not install light pole without luminaire.*

Pole
Pole shaft shall be weldable-grade, cold-rolled, commercial quality carbon steel tubing conforming to ASTM A500 Grade B. Options include 11 gauge and 7 gauge. All welds shall conform to AWS D1.2 using ER70S-6 electrodes.

Base Style
4-Bolt Steel Base Plate of fabricated hot rolled carbon steel conforming to ASTM A36 or equivalent. (36 ksi minimum yield) with 2-piece Base Cover and attaching hardware. Base Cover will be fabricated from metal materials.

Finish Options
BA - *Black Powder Coat*
BH - *White Powder Coat*
BM - *Dark Bronze Powder Coat*
BV - *Dark Green Powder Coat*
GC - *Gray Powder Coat*
SC - *Special Colors Powder Coat*
GOG - *Galvanized Only*
BAG - *Black PC Over Galvanized*
BHG - *White PC Over Galvanized*
BMG - *Dark Bronze PC Over Galvanized*
BVG - *Dark Green PC Over Galvanized*
GCG - *Gray PC Over Galvanized*
SCG - *Special Colors PC Over Galvanized*

Anchorage
Anchorage Kit will include four (4) L-shaped Steel Anchor Bolts conforming to AASHTO M314-90 Grade 55. Ten inches (10") of threaded end will be galvanized per ASTM A153. Kits will contain eight (8) Hex Nuts, four (4) Lock Washers, and eight (8) Flat Washers (all components Galvanized Steel). A paper bolt circle template will be provided.



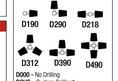
Handhole
Reinforced, 4" x 6-1/2" Handhole with cover, stainless steel screw and backbar. A grounding provision incorporating a tapped 1/2"-13NC hole will be provided.

Base Cover
Square metal powder coated Base Covers are standard on all RTS poles.

Vibration Damper
If determined necessary by Hapco an internal, factory installed, Second Mode Vibration Damper will be provided. Customer specification of the damper is available.

Mounting Options

Side Drill Mount
Includes removable pole cap.
NOTE: A luminaire drilling template must be supplied at time of order.



D000 - No Drilling
DC05 - *Custom Drilling**
**Specify Number and Orientation*

Tenon Mount
For Tenon Mount applications specify both Tenon diameter and length.
T204 - 2-3/8" O.D. x 4"
T304 - 2-7/8" O.D. x 4"
T354 - 3-1/2" O.D. x 6"
T406 - 4" O.D. x 6"
TC05 - *Custom Tenon**
***Specify O.D. and Height*

Electrical Box Options*
FA - 30° Up, "D"
FB - 30° Up, "B"
FC - 30° Up, "A"
FD - 30° Up, "C"
FE - 36° Up, "D"
FF - 36° Up, "B"
FG - 36° Up, "A"
FH - 36° Up, "C"
FI - 24° Up, "D"
FK - 24° Up, "A"
FL - 24° Up, "C"
FZ - *Custom***

** GFI Receptacle Options Available (Specify in Accessories)*
*** Specify Height and Orientation*

EPA Notes: *Effective Projected Area (EPA) in square feet. EPA's calculated using wind velocity (mph) indicated in accordance with 2009 AASHTO LTS-5 using a 25-year design life. Maximum EPA is based on the luminaire weight shown. Increased luminaire weight may reduce the maximum EPA. If weight is exceeded, or if other design life or code is required, please consult the factory.*

Assembly	Height	Gauge	Butt Dia.	Base Style	Finish	Mounting Options	Electrical Box	Accessories/Options
RTS	30	B	68	- 4 -	-	-	-	-

A Min.	B Wall Gauge	C Butt Dia.	D Top Dia.	Total Lbs. Weight	Maximum EPA 90	100	110	120	130	140	Catalog Number
30	11	6.8	2.6	275	14.6	11.1	10.1	7.9	6.2	5.0	RTS30B68-4-**

C Butt Dia.	D Top Dia.	F Bolt Cir. Dia.	G Base Sq.	H Bolt Proj.	I Bolt Sq.
6.8	2.6	10 - 11	10	3.75	.75 x 30 x 3

Dimensions in inches

Accessory/Options*
C12 - Threaded 1/2" Coupling**
C34 - Threaded 3/4" Coupling**
C10 - Threaded 1" Coupling**
EBH - Extra Handhole**
GF1 - Duplex GFI Receptacle *(Will with Cover*
GF2 - Duplex GFI *(Will) with In-Use Cover*
LAB - Less Anchor Bolts
LPC - Less Pole Cap
PAB - Pre-shipped Anchor Bolts
VDA - Vibration Damper
** Add all that apply (Example: CPL -LAB -VDA)*
*** Specify Location*

Customer Name:
Project: Location: Quantity:
Notes:

2 AREA LIGHT POLE
NTS

Invue

Catalog #		Type
Project		
Comments		Date
Prepared by		

DESCRIPTION

The Invue Arbor post top brings architectural style to area/site and pedestrian scale applications. Its dayform appearance brings a desired organic look into the urban environment. WaveStream™ LED Optics provide a uniform pixelation free image, managing glare while providing high levels of visibility.

SPECIFICATION FEATURES

Construction
Two-piece IP66 rated housing is cast from low copper content corrosion resistant aluminum, maintaining strength and precision to sustain long term dayform appearance. ANSI C136.31 testing compliance prevents damage from installation generated vibration. External hardware and casting seams are minimized to enhance appearance.

Optics
Specifically designed for pedestrian applications, WaveStream LED optical waveguide technology produces both symmetric NEMA type V and asymmetric NEMA II, III, IV distributions. The waveguide is manufactured from precision injection molded acrylic resulting in a pixelation free optical image for improved glare control and visual comfort. Luminaire efficacy's measure up to 100 lm/w for 4000K (+/- 275K) CCT at 70 CRI (min), optional 3000K CCT at 80 CRI is also available.

Electrical
LED driver(s) are directly mounted to upper housing thermal pad for optimal thermal performance. Standard 0-10V dimming drivers and Eaton's proprietary surge protection module are designed to withstand 10kV of transient line surge. Drivers operate at 120-277V 50/60Hz with 347V/60Hz or 480V/60Hz operation optional. Suitable for ambient temperature applications from -30°C (-22°F) to 40°C (104°F). Limited high ambient options allow for 50°C operation.

Controls
The Arbor LED luminaire control options are designed to be simple and cost-effective ASHRAE and California Title 24 compliant solutions. The ANSI C136.41 compliant NEMA 7-PIN receptacle enables wireless dimming when used with compatible photocontrol. An integrated dimming and occupancy sensor is a standalone control option available in on/off (MS) and bi-level dimming (MS/DIM) operation. The optional LumaWatt Pro™ system is best described as a peer-to-peer wireless network of luminaire-integral sensors that operate in accordance with programmable profiles. Each sensor is capable of motion and photo sensing, metering power consumption and wireless communication.

Mounting
Filter assembly mounts over 2-3/8" O.D. tenon and is secured via six concealed stainless steel set screws. Design of fitter provides seamless transition to 3" O.D. round pole top. Additional mounting accessories include a single fixture arm mount, twin fixture arm mount and well mount arm. Additional pole mount accessories mount to a 3" x 4" long tenon for 4" - 5" O.D. poles tops. For existing 2-3/8" tenons an adapter is shipped standard.

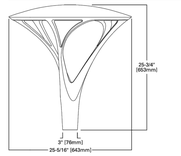
Finish
Eaton utilizes premium ultra-weatherable TGIC based polyester powder coatings that are specifically formulated to withstand extended outdoor exposure. The powders are formulated exclusively for Eaton to serve functionally as well as decorative. Good film appearance combinded with excellent mechanical an exterior exposure qualities display greater than twice as much gloss retention. RAL and custom color matches available. Finish is compliant with ASTM B117 3000hr salt spray standard.

Warranty
Five-year warranty.

ARB ARBOR POST TOP

DECORATIVE LUMINAIRE

DIMENSIONS



CERTIFICATION DATA
UL/cUL Listed
IP66 Housing
ANSI C136.31
1.5G Vibration Tested
RoHS
ISO 9001
Dark Sky Approved (3000K CCT and warmer only)

ENERGY DATA
Electronic LED Driver
>0.9 Power Factor
<20% Total Harmonic Distortion
120-277V 50/60Hz, 347V/60Hz, 480V/60Hz
-30°C Minimum Temperature
40°C Ambient Temperature Rating

EPA
Effective Projected Area: (Sq. Ft.) 0.9

Approximate Net Weight:
37 lbs. (16.8 kgs.)

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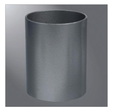
3 PEDESTRIAN LIGHT FIXTURE
NTS

Steel Poles



RSS ROUND STRAIGHT STEEL

Catalog #		Type
Project		
Comments		Date
Prepared by		

FEATURES
- ASTM Grade steel base plate with ASTM A366 base cover
- Hand hole assembly 3" x 5" on 5" and 6" poles, 2" x 4" on 4" poles
- 10'-30' mounting heights
- Drilled or tenon (specify)

DESIGN CONSIDERATIONS

Wind induced vibrations resulting from steady, unidirectional winds and other aerodynamic forces, as well as vibration and coefficient of height factors for non-grounded mounted installations (e.g., installations on bridges or buildings) are not included in this document. The information contained herein is for general guidance only and is not a replacement for professional judgement. Consult with a professional, and local and federal standards, before ordering to ensure product is appropriate for the intended purpose and installation location. Also, please review Eaton's Light Pole White Paper for risk factors and design considerations. Learn more.

Specifications and dimensions subject to change without notice. Consult your lighting representative at Eaton or visit www.eaton.com/lighting for available options, accessories and ordering information.

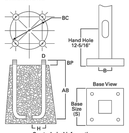
ORDERING INFORMATION

SAMPLE NUMBER: RSS4A205F2XG

Product Family	Shaft Size (Inches)	Wall Thickness	Mounting Height	Base Type	Finish	Mounting Type	Number and Location of Arms	Arm Lengths	Options (Add as Suffix)
RSS=Round Straight Steel	**4**=4" **5**=5" **6**=6"	**A**=0.120" * **M**=0.188"	**10**=10' **15**=15' **20**=20' **25**=25' **30**=30'	**S**=Square Steel Base	**F**=Dark Bronze **G**=Galvanized Steel **J**=Summit White **L**=Carbon Bronze **A**=Black Matte **B**=Hartford Green **S**=Silver **T**=Graphite Metallic **V**=Grey **W**=White **X**=Custom Color **Y**=Black	**2**=2-3/8" O.D. Tenon (4" Long) **3**=3-1/2" O.D. Tenon (6" Long) **4**=4" O.D. Tenon (8" Long) **5**=5" O.D. Tenon (8" Long) **6**=6" O.D. Tenon (8" Long) **7**=7" O.D. Tenon (10" Long) **A**=Type A Drilling **C**=Type C Drilling **E**=Type E Drilling **F**=Type F Drilling **G**=Type G Drilling **J**=Type J Drilling **K**=Type K Drilling **M**=Type M Drilling **N**=Type N Drilling **S**=Standard Upsweep Arm **Z**=Type Z Drilling	**1**=Single **2**=2 at 180° **3**=Triple* **4**=4 at 90° **5**=5 at 90° **6**=3 at 90° **7**=2 at 120° **X**=None	**X**=None **2**=2' **3**=2.5' **4**=3' **6**=6' **8**=8'	**A**=1/2" Tapped Hub† **B**=3/4" Tapped Hub† **C**=Convenience Outlet** **E**=GFCI Convenience Outlet* **G**=Ground Lug **H**=Additional Hand Hole† **V**=Vibration Dampener

NOTES: 1. All shaft sizes nominal. **2.** Square poles are 3 at 90°, round poles are 3 at 120°. **3.** Tapped Hub is located 5' below the pole top and on the same side of pole as hand hole, unless specified otherwise. **4.** Outlet is located 4' above base and on same side of pole as hand hole, unless specified otherwise. Receptacle not included, provision only. **5.** Additional hand hole is located 12" below pole top and 90° from standard hand hole location, unless otherwise specified. **6.** Available in 4" shaft size only.

DIMENSIONS



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October 18, 2018 8:57 AM

4 PEDESTRIAN LIGHT POLE
NTS

FOR PERMITTING ONLY, NOT FOR CONSTRUCTION

Date	Description	No.
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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Project
HUDSON LOGISTICS CENTER
MAP No. 239, LOT No. 1
HUDSON
HILLSBOROUGH NEW HAMPSHIRE

Drawing Title
LIGHTING NOTES AND DETAILS

Project No. 151010101
Date 12/01/2020
Drawn By YW
Checked By MH

LL502

Project No. 151010101

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SITE LIGHTING SCHEDULE - LOT A

SYMBOL	KEY	QTY.	FIXTURE MANUFACTURER	FIXTURE MODEL	FIXTURE DESCRIPTION	FIXTURE MOUNTING HEIGHT	LAMP	COLOR TEMPERATURE	OPTICS	LUMENS	LLF	FIXTURE CATALOGUE NO.	POLE MANUFACTURER	POLE DESCRIPTION	POLE LENGTH	POLE CATALOGUE NO.	REMARKS
	A	15	COOPER LIGHTING	GALLEON LED	QUAD POLE MOUNTED AREA FIXTURE; COLOR: BLACK	40'	445W LED (PER FIXTURE)	4000K	5WQ	51,401	0.90	GLEON-AF-08-LED-E1 -5WQ-BK-EA	HAPCO	ROUND TAPERED STEEL POLE; COLOR: BLACK	37'	RTS39B80-4-BA -D490 -VDA	POLE TO BE FACTORY CUT TO LENGTH OF 37'; MOUNTED ON 3' HEIGHT EXPOSED CONCRETE BASE
	B	10	COOPER LIGHTING	GALLEON LED	TWIN POLE MOUNTED AREA FIXTURE; COLOR: BLACK	40'	445W LED (PER FIXTURE)	4000K	T4W	51,401	0.90	GLEON-AF-08-LED-E1 -5WQ-BK	HAPCO	ROUND TAPERED STEEL POLE; COLOR: BLACK	37'	RTS39B80-4-BA -D218-VDA	POLE TO BE FACTORY CUT TO LENGTH OF 27'; MOUNTED ON 3' HEIGHT EXPOSED CONCRETE BASE
	C	6	COOPER LIGHTING	GALLEON LED	TWIN POLE MOUNTED AREA FIXTURE; COLOR: BLACK	40'	445W LED (PER FIXTURE)	4000K	5WQ	48,803	0.90	GLEON-AF-08-LED-E1 -SL3-BK	HAPCO	ROUND TAPERED STEEL POLE; COLOR: BLACK	37'	RTS39B80-4-BA -D218-VDA	POLE TO BE FACTORY CUT TO LENGTH OF 37'; MOUNTED ON 3' HEIGHT EXPOSED CONCRETE BASE
	D	7	COOPER LIGHTING	GALLEON LED	SINGLE POLE MOUNTED AREA FIXTURE; COLOR: BLACK	40'	558W LED	4000K	SLR	52,966	0.90	GLEON-AF-10-LED-E1 -SLR-BK	HAPCO	ROUND TAPERED STEEL POLE; COLOR: BLACK	37'	RTS30B68-4-BA -D190-VDA	POLE TO BE FACTORY CUT TO LENGTH OF 27'; MOUNTED ON 3' HEIGHT EXPOSED CONCRETE BASE
	E	8	COOPER LIGHTING	GALLEON LED	SINGLE POLE MOUNTED AREA FIXTURE; COLOR: BLACK	40'	558W LED	4000K	SLL	52,966	0.90	GLEON-AF-10-LED-E1 -SLL-BK	HAPCO	ROUND TAPERED STEEL POLE; COLOR: BLACK	37'	RTS30B68-4-BA -D190-VDA	POLE TO BE FACTORY CUT TO LENGTH OF 27'; MOUNTED ON 3' HEIGHT EXPOSED CONCRETE BASE
	F	60	COOPER LIGHTING	GALLEON LED	SINGLE POLE MOUNTED AREA FIXTURE WITH HOUSE-SIDE SHIELD; COLOR: BLACK	40'	445W LED	4000K	SL4	39,607	0.90	GLEON-AF-08-LED-E1 -SL4-BK-HSS	HAPCO	ROUND TAPERED STEEL POLE; COLOR: BLACK	37'	RTS30B68-4-BA -D190-VDA	POLE TO BE FACTORY CUT TO LENGTH OF 37'; MOUNTED ON 3' HEIGHT EXPOSED CONCRETE BASE
	G	10	COOPER LIGHTING	GALLEON LED	SINGLE POLE MOUNTED AREA FIXTURE WITH HOUSE-SIDE SHIELD; COLOR: BLACK	40'	445W LED	4000K	SL3	41,690	0.90	GLEON-AF-08-LED-E1 -SL3-BK-HSS	HAPCO	ROUND TAPERED STEEL POLE; COLOR: BLACK	37'	RTS30B68-4-BA -D190-VDA	POLE TO BE FACTORY CUT TO LENGTH OF 37'; MOUNTED ON 3' HEIGHT EXPOSED CONCRETE BASE
	H	11	COOPER LIGHTING	GALLEON LED	SINGLE POLE MOUNTED AREA FIXTURE WITH HOUSE-SIDE SHIELD; COLOR: BLACK	40'	333W LED	4000K	SL2	30,165	0.90	GLEON-AF-06-LED-E1 -SL2-BK-HSS	HAPCO	ROUND TAPERED STEEL POLE; COLOR: BLACK	37'	RTS39B80-4-BA -D190-VDA	POLE TO BE FACTORY CUT TO LENGTH OF 37'; MOUNTED ON 3' HEIGHT EXPOSED CONCRETE BASE
	I	16	COOPER LIGHTING	GALLEON LED	SINGLE POLE MOUNTED AREA FIXTURE; COLOR: BLACK	40'	445W LED	4000K	SL2	47,807	0.90	GLEON-AF-08-LED-E1 -SL2-BK	HAPCO	ROUND TAPERED STEEL POLE; COLOR: BLACK	37'	RTS30B68-4-BA -D190-VDA	POLE TO BE FACTORY CUT TO LENGTH OF 27'; MOUNTED ON 3' HEIGHT EXPOSED CONCRETE BASE
	J	49	COOPER LIGHTING	GALLEON LED	SINGLE POLE MOUNTED AREA FIXTURE WITH HOUSE-SIDE SHIELD; COLOR: BLACK	30'	225W LED	4000K	SL2	20,344	0.90	GLEON-AF-04-LED-E1 -SL2-HSS	HAPCO	ROUND TAPERED STEEL POLE; COLOR: BLACK	27'	RTS30B68-4-BA -D190-VDA	POLE TO BE FACTORY CUT TO LENGTH OF 27'; MOUNTED ON 3' HEIGHT EXPOSED CONCRETE BASE
	K	4	COOPER LIGHTING	GALLEON LED	TWIN POLE MOUNTED AREA FIXTURE; COLOR: BLACK	30'	225W LED (PER FIXTURE)	4000K	SL2	24,062	0.90	GLEON-AF-04-LED-E1 -SL2-BK	HAPCO	ROUND TAPERED STEEL POLE; COLOR: BLACK	27'	RTS30B68-4-BA -D218-VDA	POLE TO BE FACTORY CUT TO LENGTH OF 27'; MOUNTED ON 3' HEIGHT EXPOSED CONCRETE BASE
	L	24	COOPER LIGHTING	GALLEON LED	SINGLE POLE MOUNTED AREA FIXTURE WITH HOUSE-SIDE SHIELD; COLOR: BLACK	30'	113W LED	4000K	SL2	10,318	0.90	GLEON-AF-02-LED-E1 -SL2-BK-HSS	HAPCO	ROUND TAPERED STEEL POLE; COLOR: BLACK	27'	RTS30B68-4-BA -D190-VDA	POLE TO BE FACTORY CUT TO LENGTH OF 27'; MOUNTED ON 3' HEIGHT EXPOSED CONCRETE BASE
	M	67	COOPER LIGHTING	GALLEON LED	WALL MOUNTED AREA FIXTURE; COLOR: BLACK	20' (ABOVE FFE)	445W LED	4000K	T4FT	49,093	0.90	GLEON-AF-08-LED-E1 -T4FT-BK	–	–	–	–	REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF FIXTURES
	N	40	COOPER LIGHTING	GALLEON LED	WALL MOUNTED AREA FIXTURE WITH HOUSE-SIDE SHIELD; COLOR: BLACK	20' (ABOVE FFE)	333W LED	4000K	SL4	29,557	0.90	GLEON-AF-06-LED-E1 -SL4-HSS	–	–	–	–	REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF FIXTURES
	O	14	COOPER LIGHTING	GALLEON LED	WALL MOUNTED AREA FIXTURE WITH HOUSE-SIDE SHIELD; COLOR: BLACK	20' (ABOVE FFE)	333W LED	4000K	SL2	30,165	0.90	GLEON-AF-06-LED-E1 -SL2-HSS	–	–	–	–	REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF FIXTURES
	P	8	EATON-MCGRAW-EDISON	ARB ARBOR	POST TOP PEDESTRIAN FIXTURE; COLOR: BLACK	10'	96W LED	4000K	TPYE V	7,904	0.90	ARB-B4-LED-D1-T5-BK	EATON	STRAIGHT STEEL POLE; COLOR: BLACK	10'	RSS-4-A-10-S -Y-2-X-X-G-A RPA4-BK	POLE TO BE MOUNTED ON FLUSH CONCRETE BASE
	Q	15	COOPER LIGHTING	GALLEON LED	POLE-MOUNTED FIXTURE COLOR: BLACK	30'-0"	113W LED	4000K	TYPE III ROADWAY	12,739	0.90	GLEON-AF-02-LED-VOLTS-T3R-BK	HAPCO	ROUND TAPERED STEEL POLE COLOR: BLACK	30'-0"	RTS-30-B-68-4 -BA-D190-VDA	POLE TO BE MOUNTED ON FLUSH CONCRETE BASE
	R	2	COOPER LIGHTING	GALLEON LED	POLE-MOUNTED FIXTURE COLOR: BLACK	30'-0"	113W LED	4000K	TYPE IV WDE	12,372	0.90	GLEON-AF-02-LED-VOLTS-T4W-BK	HAPCO	ROUND TAPERED STEEL POLE COLOR: BLACK	30'-0"	RTS-30-B-68-4 -BA-D190-VDA	POLE TO BE MOUNTED ON FLUSH CONCRETE BASE

NOTES:
1. REFER TO ELECTRICAL DRAWINGS FOR SITE LIGHTING VOLTAGES
2. ALL POLES WITH 25' MOUNTING HEIGHT OR GREATER TO RECEIVE FACTORY-INSTALLED VIBRATION DAMPENERS.

STATISTICS - BUILDING A

DESCRIPTION	AVG.	MAX.	MIN.	MAX./MIN.	AVG./MIN.
BUILDING PERIMETER	6.4fc	10.8fc	1.1fc	9.8:1	2.8:1
PERIMETER FENCE	2.8fc	12.9fc	1.0fc	12.9:1	2.8:1
PEDESTRIAN WALKWAYS	4.7fc	10.5fc	3.0fc	3.5:1	1.6:1
EMPLOYEE PARKING	4.2fc	12.1fc	1.5fc	8.1:1	2.8:1
ENTRY DRIVE	2.1fc	7.0fc	0.5fc	14.0:1	4.2:1
GUARD SHACK	11.7fc	14.2fc	10.1fc	1.4:1	1.2:1
LOADING DOCK (NORTH)	4.6fc	9.8fc	1.7fc	5.8:1	2.7:1
LOADING DOCK (WEST)	4.4fc	10.8fc	1.5fc	7.2:1	2.9:1
OPEN TRUCK YARD	2.7fc	6.6fc	0.8fc	8.3:1	3.3:1
TRAILER PARKING (NORTH)	4.8fc	8.4fc	2.4fc	3.5:1	2.0:1
TRAILER PARKING (WEST)	4.2fc	8.4fc	1.5fc	5.6:1	2.8:1

NOTE: LIGHT PHOTOMETRY AND CALCULATIONS FOR EXISTING LIGHTING ARE NOT INCLUDED IN THE ABOVE STATISTICS.

STATISTICS - BUILDING B

DESCRIPTION	AVG.	MAX.	MIN.	MAX./MIN.	AVG./MIN.
BUILDING PERIMETER	7.5fc	14.1fc	1.6fc	8.8:1	4.7:1
PERIMETER FENCE	1.9fc	12.3fc	0.4fc	30.8:1	4.5:1
PEDESTRIAN WALKWAYS	9.4fc	17.3fc	3.9fc	4.4:1	2.4:1
EMPLOYEE PARKING	2.8fc	7.4fc	1.5fc	4.9:1	1.9:1
ENTRY DRIVE	1.9fc	4.1fc	0.5fc	8.2:1	3.8:1
GUARD SHACK (EAST)	14.1fc	19.6fc	10.5fc	1.9:1	1.3:1
GUARD SHACK (WEST)	11.4fc	14.3fc	10.0fc	1.4:1	1.1:1
LOADING DOCK (EAST)	5.0fc	14.6fc	1.5fc	9.7:1	3.3:1
LOADING DOCK (WEST)	5.2fc	14.9fc	1.5fc	10.0:1	3.5:1
OPEN TRUCK YARD	1.5fc	9.1fc	0.6fc	15.1:1	2.5:1
TRAILER PARKING (EAST)	2.1fc	3.3fc	1.2fc	2.8:1	1.8:1
TRAILER PARKING (WEST)	2.1fc	3.7fc	1.2fc	3.1:1	1.8:1

NOTE: LIGHT PHOTOMETRY AND CALCULATIONS FOR EXISTING LIGHTING ARE NOT INCLUDED IN THE ABOVE STATISTICS.

STATISTICS - BUILDING C

DESCRIPTION	AVG.	MAX.	MIN.	MAX./MIN.	AVG./MIN.
BUILDING PERIMETER	6.7fc	14.2fc	1.6fc	8.9:1	4.2:1
PERIMETER FENCE	2.1fc	15.4fc	0.6fc	25.7:1	3.6:1
PEDESTRIAN WALKWAYS	7.7fc	14.0fc	3.2fc	4.4:1	2.4:1
EMPLOYEE PARKING	3.4fc	15.4:1	1.5fc	10.3:1	2.4:1
ENTRY DRIVE	1.7fc	4.1fc	0.5fc	8.2:1	3.5:1
GUARD SHACK	14.3fc	16.4fc	11.3fc	1.5:1	1.3:1
LOADING DOCK (EAST)	5.2fc	15.0fc	1.5fc	10.0:1	3.5:1
LOADING DOCK (WEST)	5.2fc	14.5fc	1.5fc	9.7:1	3.5:1
OPEN TRUCK YARD	1.1fc	3.9fc	0.5fc	7.8:1	2.2:1
TRAILER PARKING (EAST)	2.0fc	3.3fc	1.1fc	3.0:1	1.8:1
TRAILER PARKING (WEST)	2.1fc	3.4fc	1.1fc	1.9:1	3.0:1

NOTE: LIGHT PHOTOMETRY AND CALCULATIONS FOR EXISTING LIGHTING ARE NOT INCLUDED IN THE ABOVE STATISTICS.

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING:_____

PLANNING BOARD CHAIRMAN:_____ SIGNATURE DATE:_____
PLANNING BOARD SECRETARY:_____ SIGNATURE DATE:_____

SITE PLANS ARE VALID FOR TWO YEARS FROM THE DATE OF THE PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN RECEIVES FINAL APPROVAL

FOR PERMITTING ONLY, NOT FOR CONSTRUCTION

Date	Description	No.
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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LICENSED LANDSCAPE ARCHITECT
STATE LIC. NO. 152

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Project

HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON
HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LIGHTING NOTES AND DETAILS

Project No. 151010101
Date 12/01/2020
Drawn By JA
Checked By MH

LL503

LANGAN
Project No. 151010101

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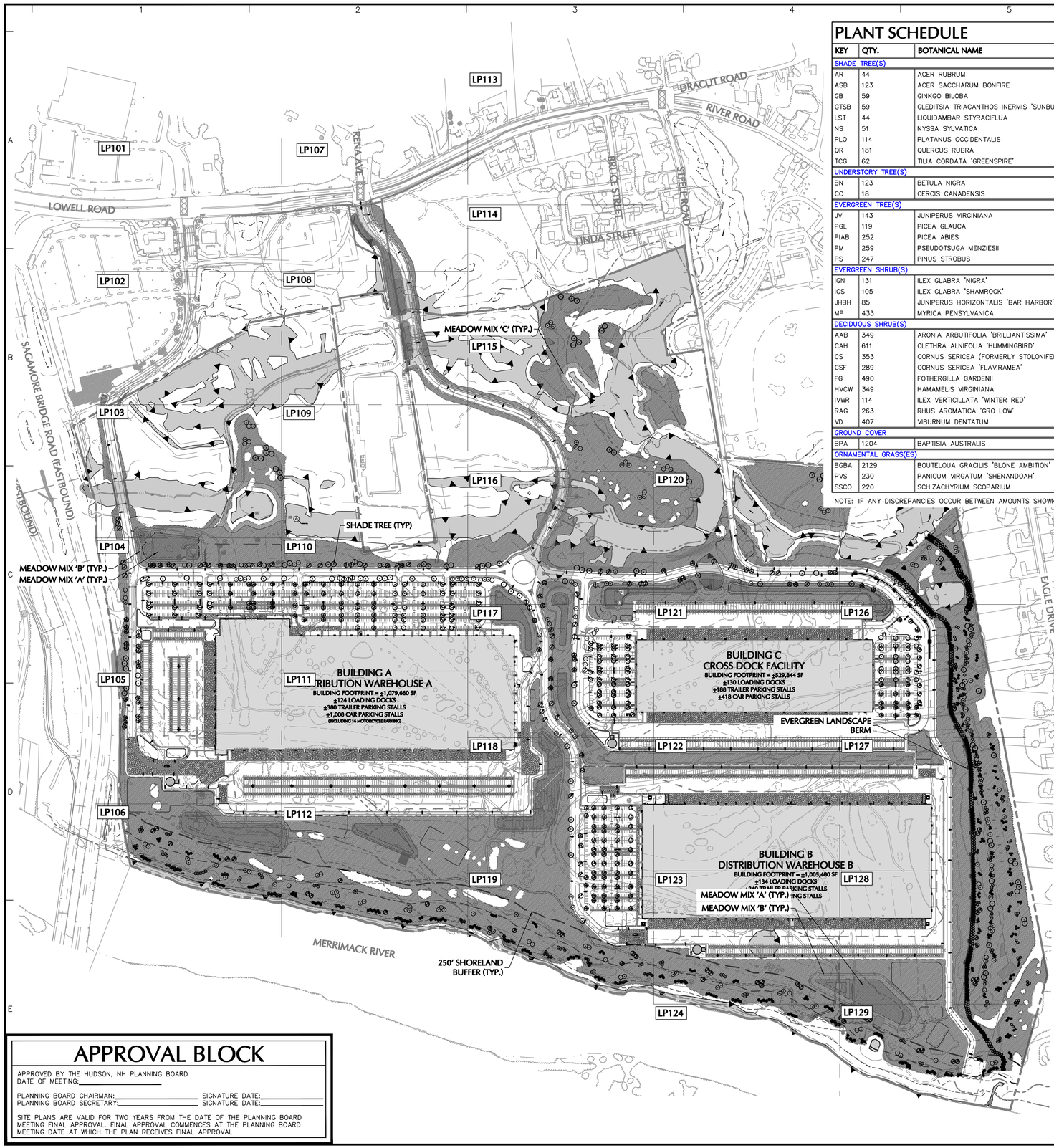


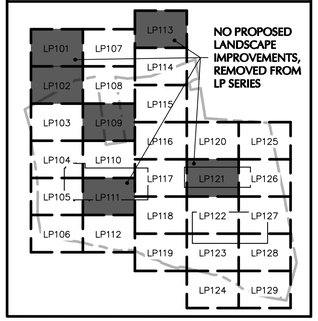
PLANT SCHEDULE

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	REMARKS
SHADE TREE(S)						
AR	44	ACER RUBRUM	RED MAPLE	2 1/2–3" CAL.	B+B	–
ASB	123	ACER SACCHARUM BONFIRE	BONFIRE SUGAR MAPLE	2 1/2–3" CAL.	B+B	–
GB	59	GINKGO BILOBA	MAIDENHAIR TREE GINKO	2 1/2–3" CAL.	B+B	–
GTSB	59	GLEDITSIA TRIACANTHOS INERMIS 'SUNBURST'	SUNBURST HONEY LOCUST	2 1/2–3" CAL.	B+B	–
LST	44	LIQUIDAMBAR STYRACIFLUA	AMERICAN SWEETGUM	2 1/2–3" CAL.	B+B	–
NS	51	NYSSA SYLVATICA	SOURGUM OR TUPELO	2 1/2–3" CAL.	B+B	–
PLO	114	PLATANUS OCCIDENTALIS	AMERICAN SYCAMORE	2 1/2–3" CAL.	B+B	–
QR	181	QUERCUS RUBRA	RED OAK	2 1/2–3" CAL.	B+B	–
TCG	62	TILIA CORDATA 'GREENSPIRE'	GREENSPIRE LINDEN	2 1/2–3" CAL.	B+B	–
UNDERSTORY TREE(S)						
BN	123	BETULA NIGRA	MULTI STEM RIVER BIRCH	12–14'	B+B	–
CC	18	CERCIS CANADENSIS	EASTERN REDBUD	2–2 1/2" CAL.	B+B	–
EVERGREEN TREE(S)						
JV	143	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	8–10'	B+B	–
PGL	119	PICEA GLAUCA	WHITE SPRUCE	6–7'	B+B	–
PIAB	252	PICEA ABIES	NORWAY SPRUCE	6–7'	B+B	–
PM	259	PSEUDOTSUGA MENZIESII	DOUGLAS FIR	6–7'	B+B	–
PS	247	PINUS STROBUS	EASTERN WHITE PINE	6–7'	B+B	–
EVERGREEN SHRUB(S)						
IGN	131	ILEX GLABRA 'NIGRA'	NIGRA INKBERRY	30–36"	CONTAINER	–
IGS	105	ILEX GLABRA 'SHAMROCK'	SHAMROCK INKBERRY HOLLY	24–30"	CONTAINER	–
JHBH	85	JUNIPERUS HORIZONTALIS 'BAR HARBOR'	BAR HARBOR CREEPING JUNIPER	15–18" SPRD.	CONTAINER	–
MP	433	MYRICA PENSYLVANICA	NORTHERN BAYBERRY	30–36"	CONTAINER	–
DECIDUOUS SHRUB(S)						
AAB	349	ARONIA ARBUTIFOLIA 'BRILLIANTISSIMA'	RED CHOKEBERRY	36–48"	CONTAINER	–
CAH	611	CLETHRA ALNIFOLIA 'HUMMINGBIRD'	SWEET PEPPERBUSH	18–24"	CONTAINER	–
CS	353	CORNUS SERICEA (FORMERLY STOLONIFERA)	RED OSIER DOGWOOD	24–36"	CONTAINER	–
CSF	289	CORNUS SERICEA 'FLAVIRAMEA'	YELLOW TWIG DOGWOOD	24–36"	CONTAINER	–
FG	490	FOTHERGILLA GARDENII	DWARF FOTHERGILLA	18–24"	CONTAINER	–
HVCW	349	HAMAMELIS VIRGINIANA	COMMON WITCHHAZEL	36–48"	CONTAINER	–
IVWR	114	ILEX VERTICILLATA 'WINTER RED'	WINTER RED WINTERBERRY HOLLY	30–36"	CONTAINER	–
RAG	263	RHUS AROMATICA 'GRO LOW'	GRO LOW FRAGRANT SUMAC	3 GAL.	CONTAINER	–
VD	407	VIBURNUM DENTATUM	ARROWWOOD VIBURNUM	36–48"	CONTAINER	–
GROUND COVER						
BPA	1204	BAPTISIA AUSTRALIS	BLUE FALSE INDIGO	2 GAL.	CONTAINER	spaced @ 24" o.c.
ORNAMENTAL GRASS(ES)						
BGBA	2129	BOUTELOUA GRACILIS 'BLONE AMBITION'	BLUE GRAMA GRASS	2 GAL.	CONTAINER	spaced @ 18" o.c.
PVS	230	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCH GRASS	2 GAL.	CONTAINER	–
SSCO	220	SCHIZACHYRIUM SCOPARIUM	LITTLE BLUESTEM	2 GAL.	CONTAINER	–

NOTE: IF ANY DISCREPANCIES OCCUR BETWEEN AMOUNTS SHOWN IN THE PLAN AND THE PLANT LIST, THE PLAN SHALL DICTATE.

SHEET LEGEND

1"=1500'



ORDINANCE COMPLIANCE CHART

SECTION	REQUIRED/ PERMITTED	PROVIDED/ PROPOSED	COMPLIANCE
275–8(7a)	A MINIMUM OF 10% OF THE INTERIOR OF A PARKING LOT SHALL BE SET ASIDE FOR LANDSCAPING AREAS EXCLUSIVE OF PAVED PEDESTRIAN SURFACES.	BUILDING A– TOTAL AREA: 429,082 SQ FT INTERIOR LANDSCAPED AREA: 60,676 SQ FT (14.1%) BUILDING B– TOTAL AREA: 165,690 SQ FT INTERIOR LANDSCAPED AREA: 18,242 SQ FT (11.0%) BUILDING C NORTH– TOTAL AREA: 112,920 SQ FT INTERIOR LANDSCAPED AREA: 18,526 SQ FT (16.5%) BUILDING C SOUTH– TOTAL AREA: 106,797 SQ FT INTERIOR LANDSCAPED AREA: 16,680 SQ FT (15.6%)	COMPLIES
275–8(7c)	A MINIMUM OF ONE SHADE TREE SHALL BE PLANTED PER 1,600 SQUARE FEET OF PAVED AREA, OR ONE SHADE TREE PER EVERY FIVE PARKING SPACES, WHICHEVER IS GREATER.	BUILDING A– TOTAL PAVED AREA: 368,406 SQFT/1,600 SQ FT =230 TREES REQUIRED, 237 TREES PROVIDED BUILDING B– TOTAL PAVED AREA: 147,448 SQ FT/1,600 SQ FT =92 TREES REQUIRED, 93 TREES PROVIDED BUILDING C– TOTAL PAVED AREA: 184,511 SQ FT/1,600 SQ FT =115 TREES REQUIRED, 207 TREES PROVIDED TOTAL SHADE TREES REQUIRED: 437 TREES TOTAL SHADE TREES PROVIDED: 537 TREES (TREES IN RESIDENTIAL BUFFER AND 250–FOOT SHORELINE RESTORATION AREA NOT INCLUDED)	COMPLIES
275–8(7d)	ONE SHRUB PER 200 SQUARE FEET OF PAVED AREA SHALL BE PLANTED OR 1.6 SHRUBS PER EVERY PARKING SPACE.	BUILDING A– TOTAL PAVED AREA: 368,406 SQ FT/200 SQ FT =1,842 SHRUBS REQUIRED, 1,848 SHRUBS PROVIDED BUILDING B– TOTAL PAVED AREA: 147,448 SQ FT/200 SQ FT = 737 SHRUBS REQUIRED, 1,168 SHRUBS PROVIDED BUILDING C– TOTAL PAVED AREA: 184,511 SQ FT/200 SQ FT = 923 SHRUBS REQUIRED, 930 SHRUBS PROVIDED TOTAL SHRUBS REQUIRED: 3,502 SHRUBS TOTAL SHRUBS PROVIDED: 3,946 SHRUBS	COMPLIES
275–8(8b)	SCREENING SHALL BE PROVIDED FOR VISUAL SEPARATION OF INCOMPATIBLE USES. SCREENING SHALL BE REQUIRED BETWEEN PARKING OR LOADING AREAS AND, IF PRESENT, AN ABUTTING RESIDENTIAL ZONE. SCREENING MAY ALSO BE REQUIRED BETWEEN ABUTTING NONRESIDENTIAL SITES. WHERE SCREENING IS REQUIRED, IT SHALL PROVIDE A REASONABLE EFFECTIVE VISUAL BUFFER BY NEW PLANTINGS	EVERGREEN TREE SCREENING PLANTED AT 8–10' TALL AT RESIDENTIAL EDGE.	COMPLIES

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING:_____

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PLANNING BOARD SECRETARY:_____ SIGNATURE DATE:_____

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300 0 150 300
SCALE: 1 INCH = 300 FEET

Date	Description	No.
11/30/20	CON. COMM. / PLANNING BOARD COMMENT RESPONSE	4
09/14/20	AOT COMMENT RESPONSE	3

Revisions

MICHAEL SZURA
LICENSED LANDSCAPE ARCHITECT
STATE LIC. NO. 152

LANGAN
Langan Engineering and Environmental Services, Inc.
888 Boylston Street, Ste 510
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Project
HUDSON LOGISTICS CENTER
MAP No. 239, LOT No. 1
HUDSON
HILLSBOROUGH NEW HAMPSHIRE

Drawing Title
OVERALL PLANTING PLAN

Project No. 151010101
Date 12/01/2020
Drawn By KK
Checked By MH
Drawing No. LP100

LANGAN
Project No. 151010101

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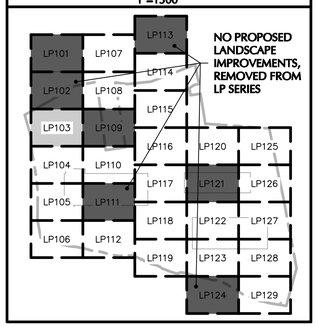
SHEET LEGEND

1"=1500'



Date	Description	No.
11/30/20	CON. COMM. / PLANNING BOARD COMMENT RESPONSE	4
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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Project

HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON
HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LANDSCAPE PLANTING PLAN III

Project No. 151010101	Drawing No. LP103
Date 12/01/2020	
Drawn By KK	
Checked By MH	

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING:_____

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PLANNING BOARD SECRETARY:_____ SIGNATURE DATE:_____

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SCALE: 1 INCH = 40 FEET

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Project No. 151010101

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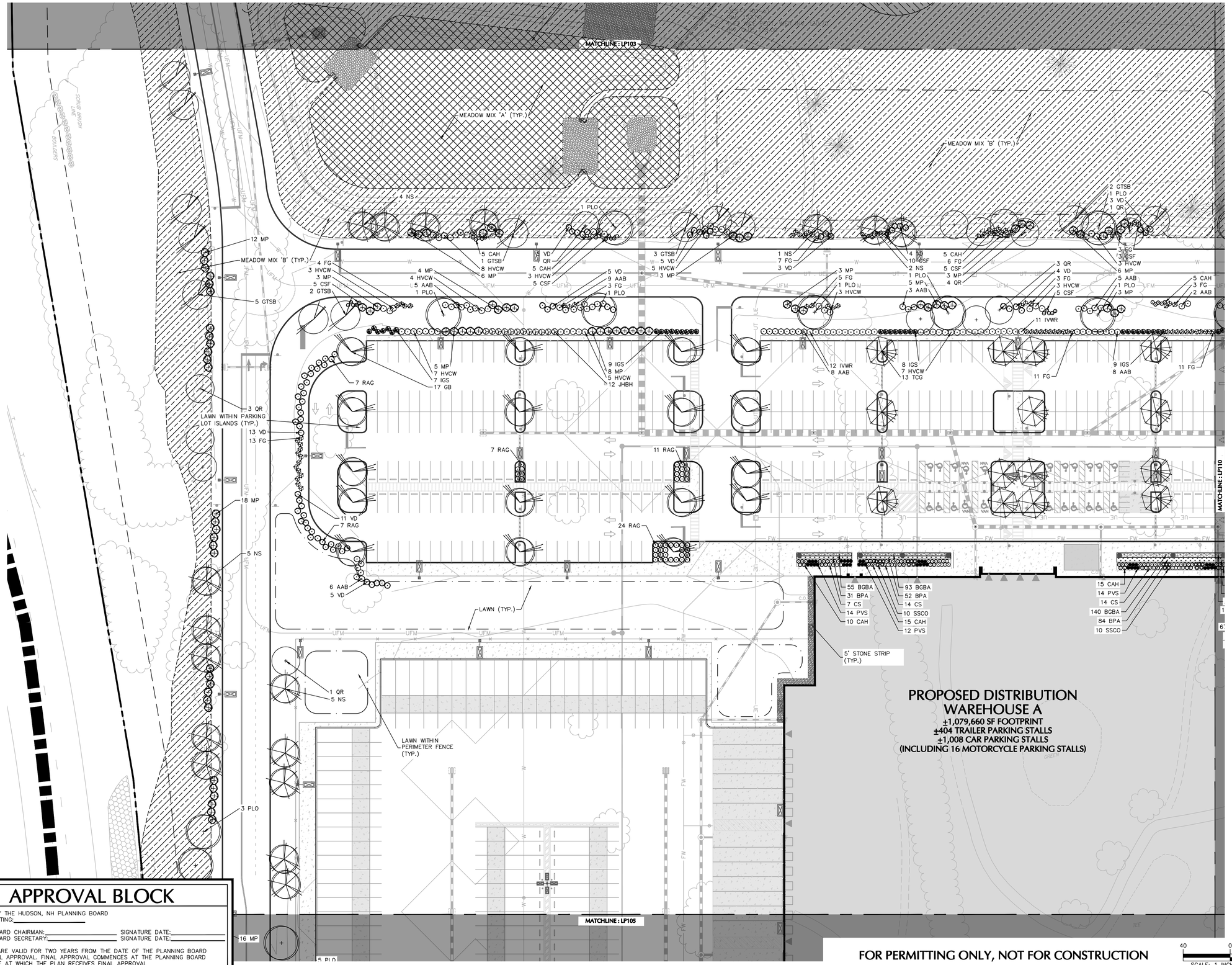
Date: 11/30/2020 Time: 21:19 User: mjuliana Style Table: Langan.stb Layout: LP103 Document Code: 151010101-0502-LP101-0104



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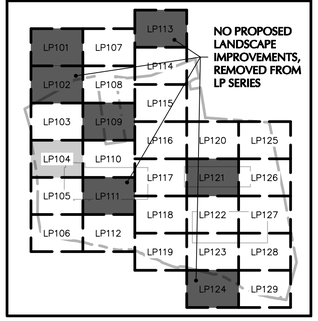

Date	Description	No.
11/30/20	CON. COMM. / PLANNING BOARD COMMENT RESPONSE	4
09/14/20	AOT COMMENT RESPONSE	3

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Project

HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON
HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LANDSCAPE PLANTING PLAN IV

Project No. 151010101

Date 12/01/2020

Drawn By KK

Checked By MH

Drawing No. LP104

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING:_____

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SCALE: 1 INCH = 40 FEET

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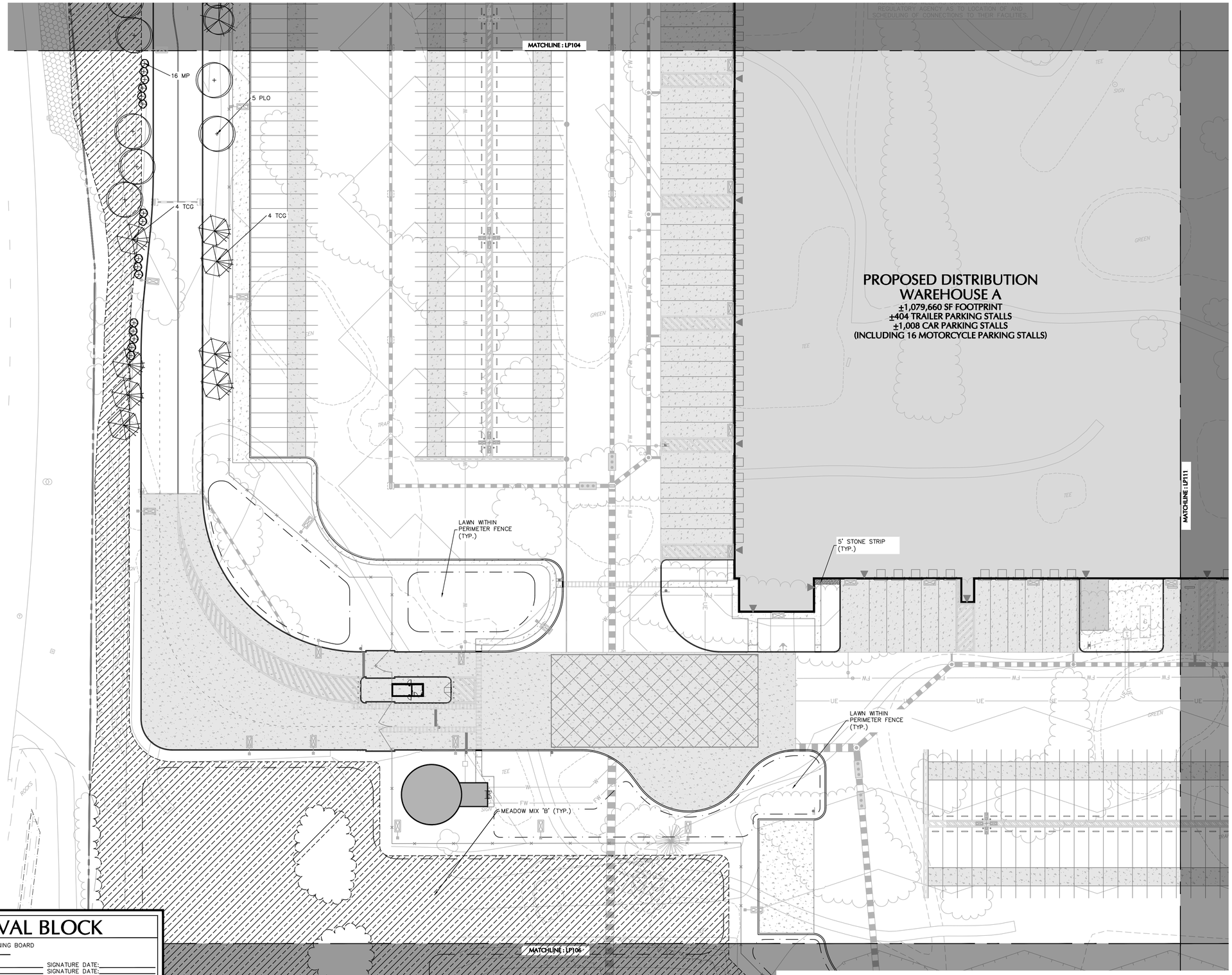

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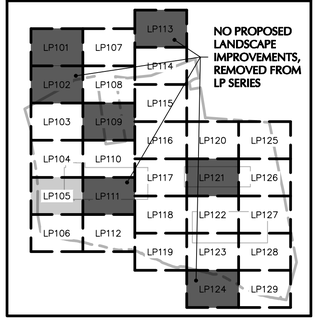

Date	Description	No.
11/30/20	CON. COMM. / PLANNING BOARD COMMENT RESPONSE	4
09/14/20	AOT COMMENT RESPONSE	3

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Project

HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON
HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LANDSCAPE PLANTING PLAN V

Project No. 151010101

Date 12/01/2020

Drawn By KK

Checked By MH

Drawing No. LP105

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING:_____

PLANNING BOARD CHAIRMAN:_____ SIGNATURE DATE:_____
PLANNING BOARD SECRETARY:_____ SIGNATURE DATE:_____

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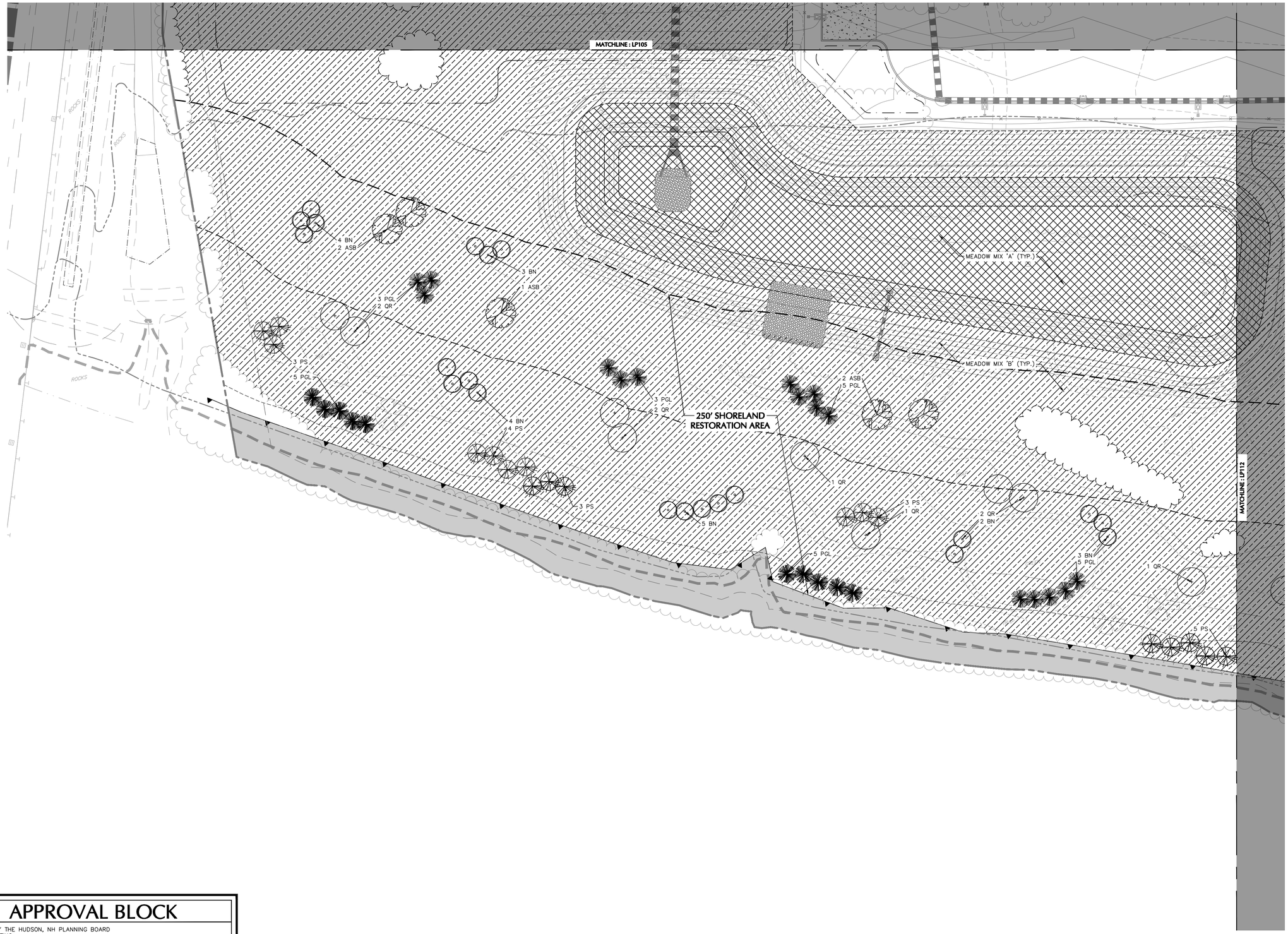

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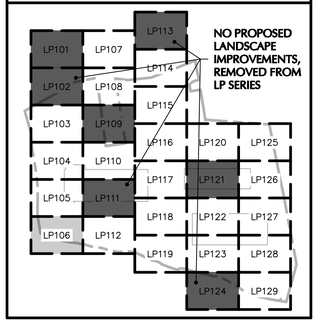

Date	Description	No.
11/30/20	CON. COMM. / PLANNING BOARD COMMENT RESPONSE	4
09/14/20	AOT COMMENT RESPONSE	3

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Project

HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON
HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LANDSCAPE PLANTING PLAN VI

Project No. 151010101

Date 12/01/2020

Drawn By KK

Checked By MH

Drawing No. LP106

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING:_____

PLANNING BOARD CHAIRMAN:_____ SIGNATURE DATE:_____
PLANNING BOARD SECRETARY:_____ SIGNATURE DATE:_____

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SCALE: 1 INCH = 40 FEET

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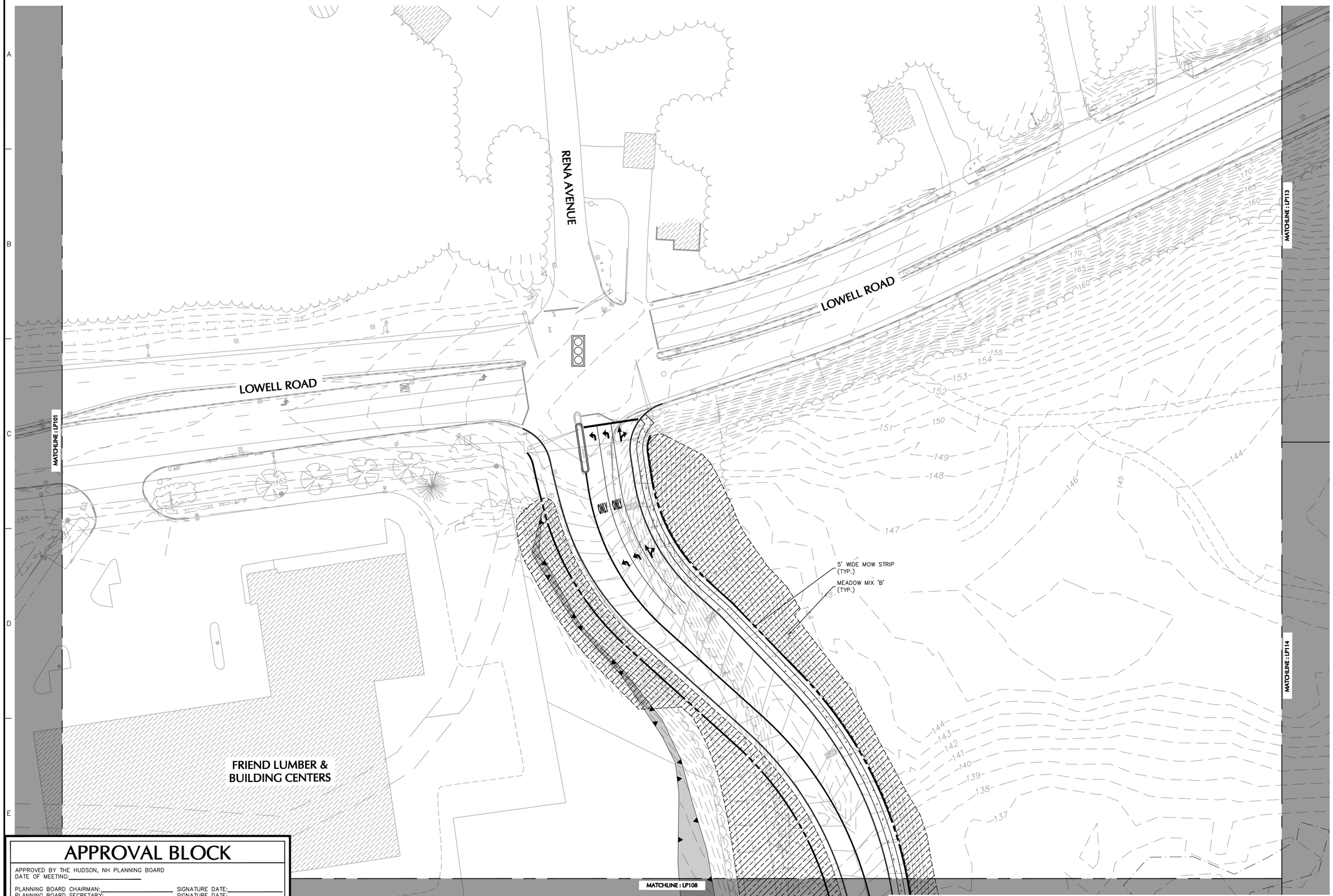

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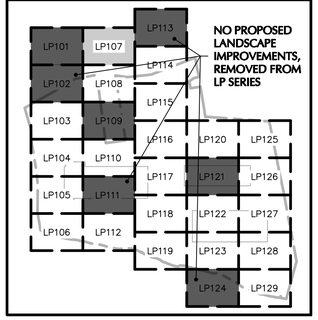

Date	Description	No.
11/30/20	CON. COMM. / PLANNING BOARD COMMENT RESPONSE	4

Revisions

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Project

HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON

HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LANDSCAPE PLANTING PLAN VII

Project No.	Drawing No.
151010101	LP107
Date 12/01/2020	
Drawn By KK	
Checked By MH	

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING:_____

PLANNING BOARD CHAIRMAN:_____ SIGNATURE DATE:_____
PLANNING BOARD SECRETARY:_____ SIGNATURE DATE:_____

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Date: 11/30/2020 Time: 21:22 User: mjuliana Style Table: Langan.stb Layout: LP107 Document Code: 151010101-0502-LP101-0108

MATCHLINE : LP107

MATCHLINE : LP102

MATCHLINE : LP114

MATCHLINE : LP115

MATCHLINE : LP109

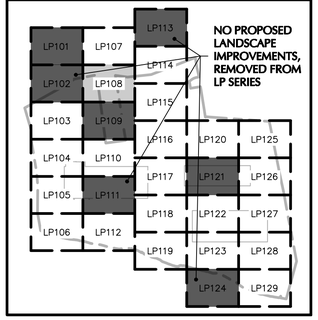
MERCURY SYSTEMS

5' WIDE MOW STRIP (TYP.)

MEADOW MIX 'B' (TYP.)

SHEET LEGEND

1"=1500'



NO PROPOSED LANDSCAPE IMPROVEMENTS, REMOVED FROM LP SERIES

Date	Description	No.
11/30/20	CON. COMM. / PLANNING BOARD COMMENT RESPONSE	4

Revisions

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Project

HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON

HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LANDSCAPE PLANTING PLAN VIII

Project No.	Drawing No.
151010101	LP108
Date: 12/01/2020	
Drawn By: KK	
Checked By: MH	

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING:_____

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PLANNING BOARD SECRETARY:_____ SIGNATURE DATE:_____

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Project No. 151010101

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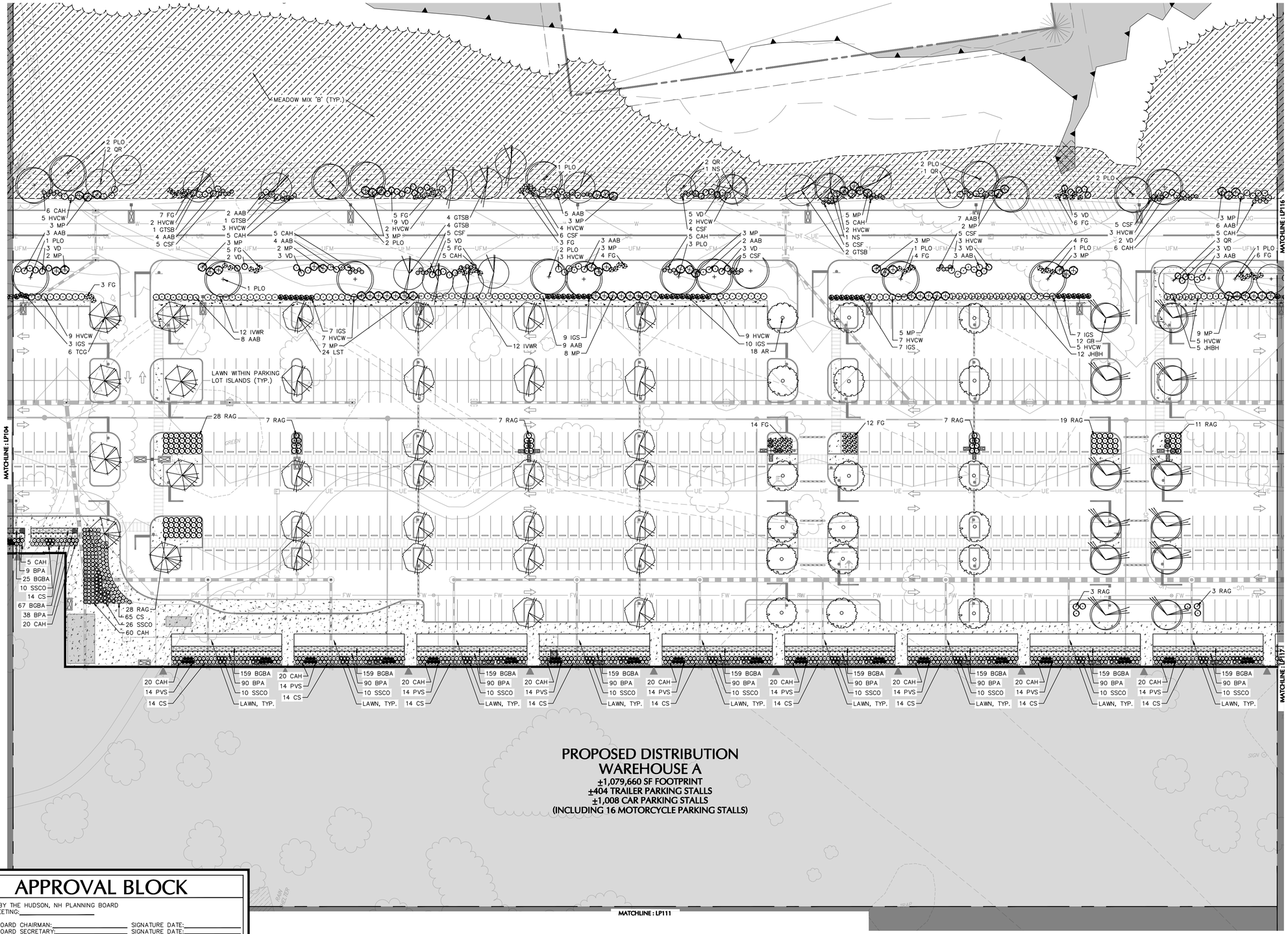

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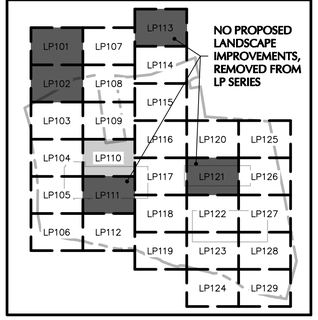

Date	Description	No.
11/30/20	CON. COMM. / PLANNING BOARD COMMENT RESPONSE	4
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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Project

HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON
HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LANDSCAPE PLANTING PLAN X

Project No. 151010101	Drawing No. LP110
Date 12/01/2020	
Drawn By KK	
Checked By MH	

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING:_____

PLANNING BOARD CHAIRMAN:_____ SIGNATURE DATE:_____
PLANNING BOARD SECRETARY:_____ SIGNATURE DATE:_____

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SCALE: 1 INCH = 40 FEET

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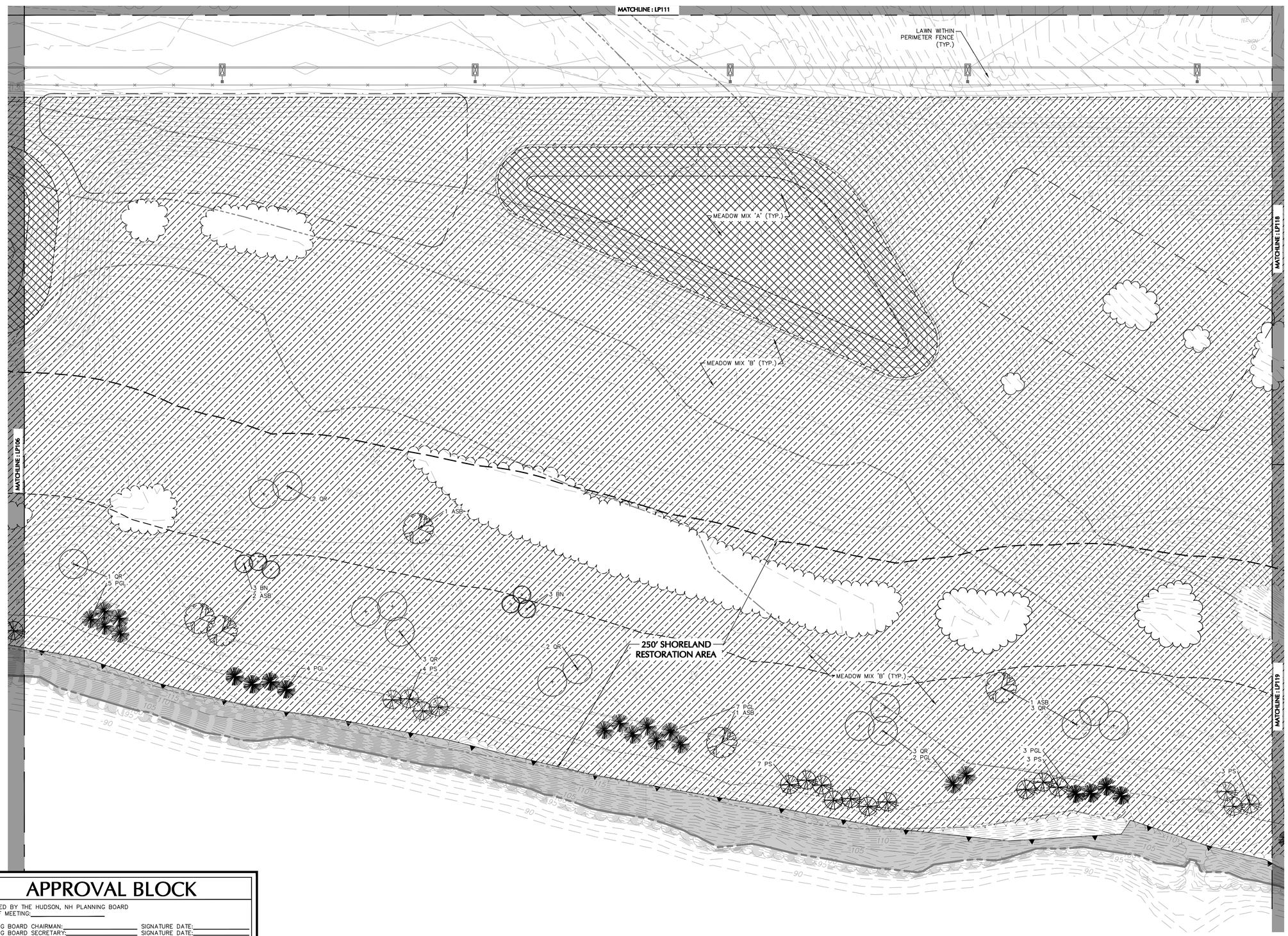

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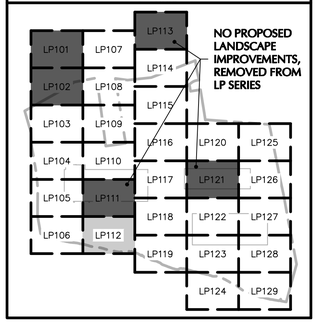

Date	Description	No.
11/30/20	CON. COMM. / PLANNING BOARD COMMENT RESPONSE	4
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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Project

HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON
HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LANDSCAPE PLANTING PLAN XII

Project No.	Drawing No.
151010101	LP112
Date 12/01/2020	
Drawn By KK	
Checked By MH	

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING:_____

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PLANNING BOARD SECRETARY:_____ SIGNATURE DATE:_____

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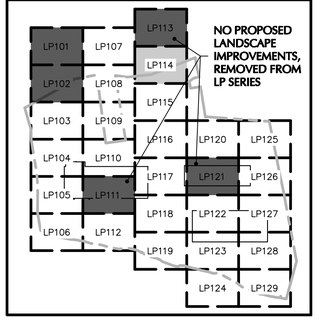
SHEET LEGEND

1"=1500'



Date	Description	No.
11/30/20	CON. COMM. / PLANNING BOARD COMMENT RESPONSE	4
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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Project

HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON
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Drawing Title

LANDSCAPE PLANTING PLAN XIV

Project No.	Drawing No.
151010101	LP114
Date: 12/01/2020	
Drawn By: KK	
Checked By: MH	

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING:_____

PLANNING BOARD CHAIRMAN:_____ SIGNATURE DATE:_____
PLANNING BOARD SECRETARY:_____ SIGNATURE DATE:_____

SITE PLANS ARE VALID FOR TWO YEARS FROM THE DATE OF THE PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN RECEIVES FINAL APPROVAL.

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SCALE: 1 INCH = 40 FEET

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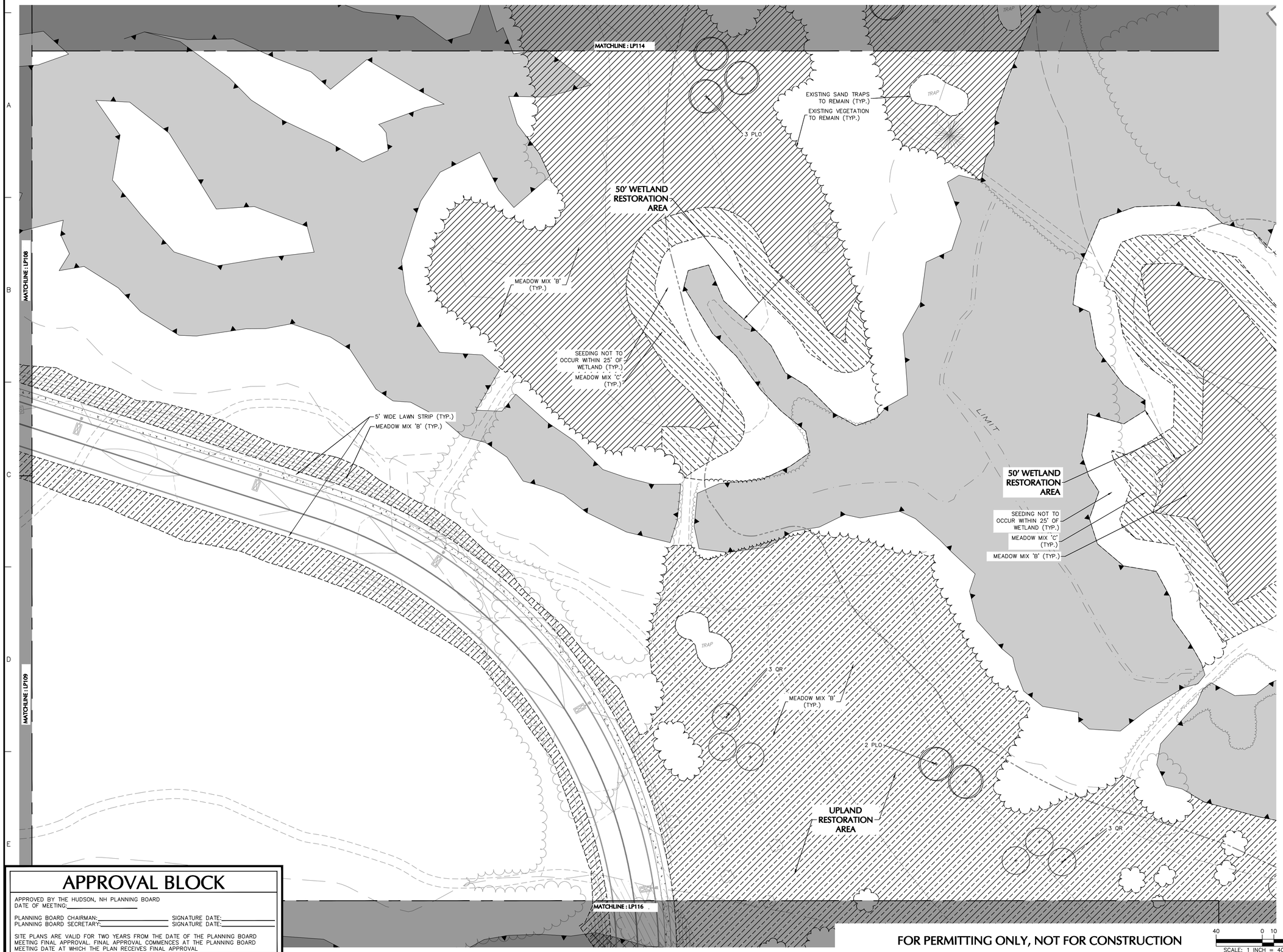

SHEET LEGEND

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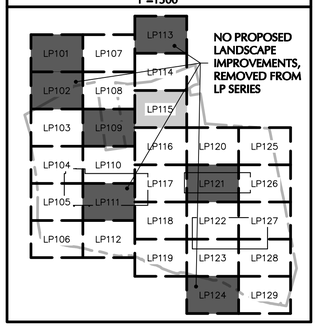

Date	Description	No.
11/30/20	CON. COMM. / PLANNING BOARD COMMENT RESPONSE	4
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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Project

HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON
HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LANDSCAPE PLANTING PLAN XV

Project No. 151010101

Drawing No. LP115

Date 12/01/2020

Drawn By KK

Checked By MH

APPROVAL BLOCK

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DATE OF MEETING:_____

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PLANNING BOARD SECRETARY:_____ SIGNATURE DATE:_____

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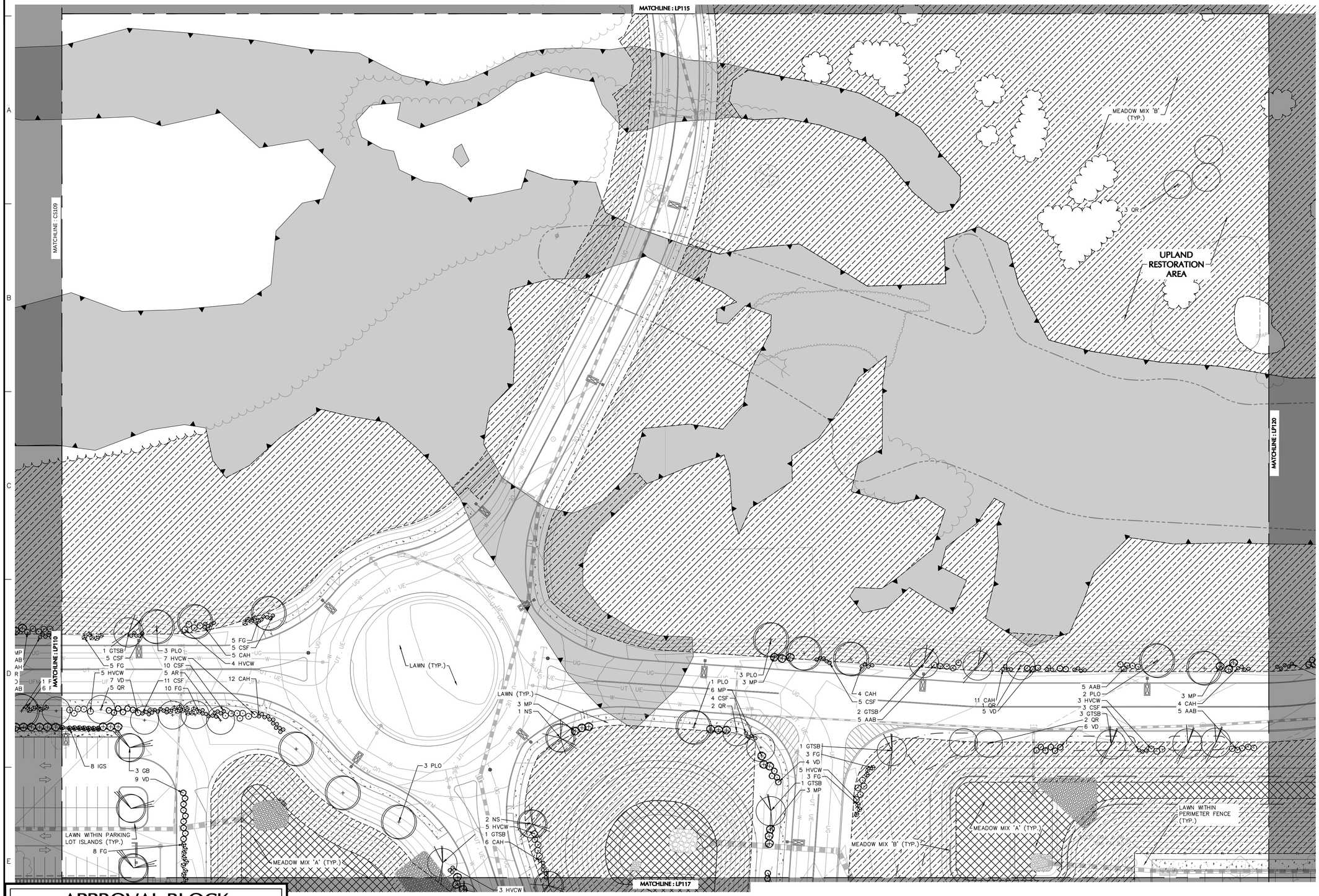
Date: 11/30/2020 Time: 21:27 User: mjuliana Style Table: Langan.stb Layout: LP115 Document Code: 151010101-0502-LP101-0116



SHEET LEGEND

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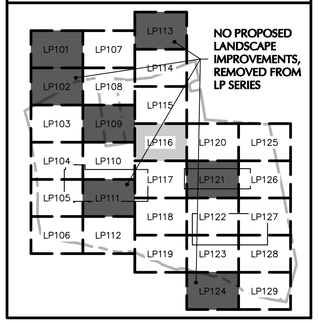

Date	Description	No.
11/30/20	CON. COMM. / PLANNING BOARD COMMENT RESPONSE	4
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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STATE LIC. NO. 152

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Project

HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON
HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LANDSCAPE PLANTING PLAN XVI

Project No. 151010101	Drawing No. LP116
Date 12/01/2020	
Drawn By KK	
Checked By MH	

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
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PLANNING BOARD SECRETARY:_____ SIGNATURE DATE:_____

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SCALE: 1 INCH = 40 FEET

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Project No. 151010101

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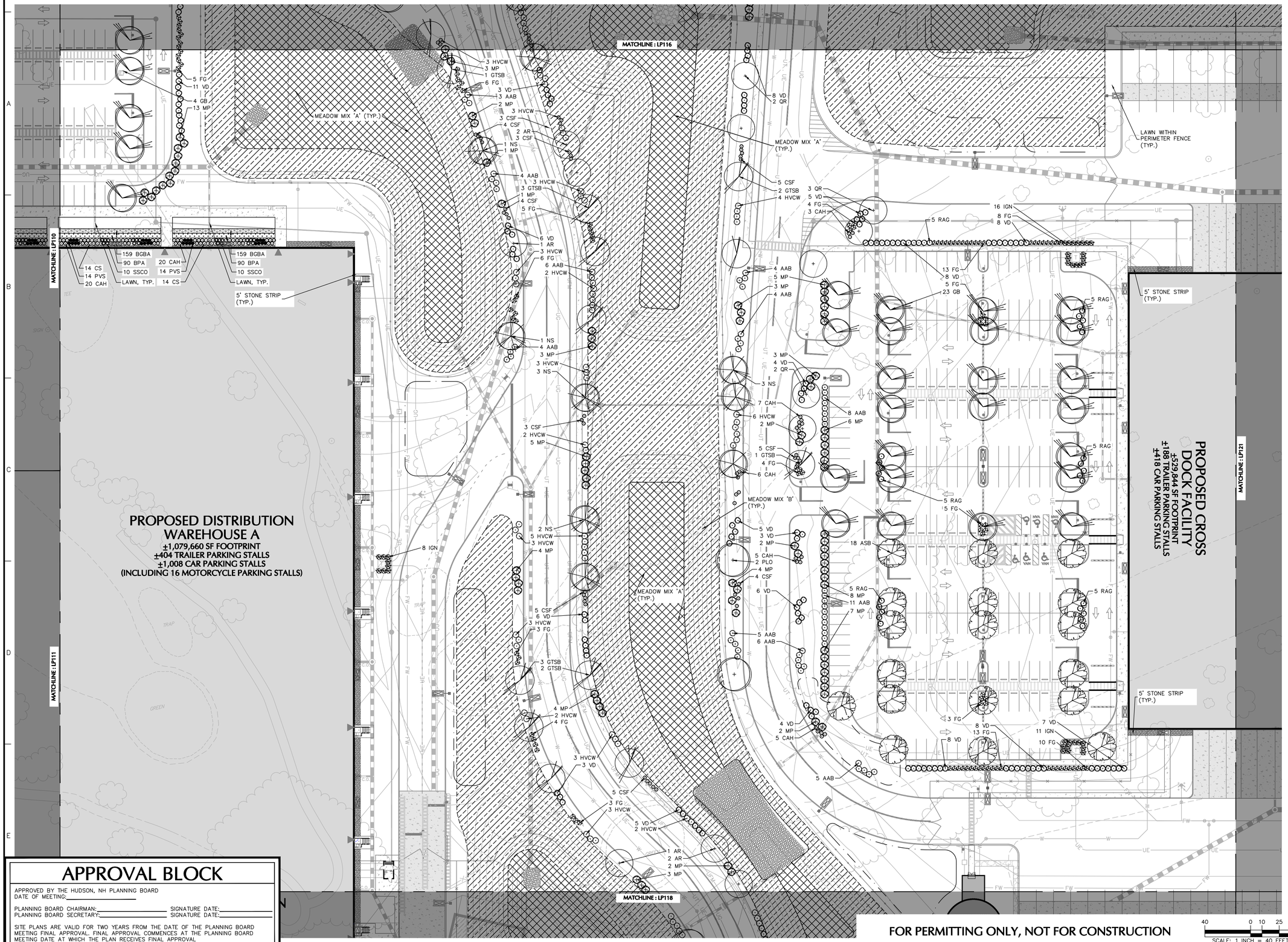

APPROVAL BLOCK

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DATE OF MEETING:_____

PLANNING BOARD CHAIRMAN:_____ SIGNATURE DATE:_____
PLANNING BOARD SECRETARY:_____ SIGNATURE DATE:_____

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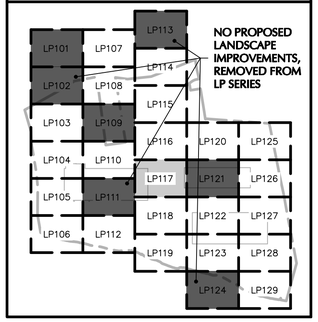
SHEET LEGEND

1"=1500'



Date	Description	No.
11/30/20	CON. COMM. / PLANNING BOARD COMMENT RESPONSE	4
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON
HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LANDSCAPE PLANTING PLAN XVII

Project No. 151010101	Drawing No. LP117
Date 12/01/2020	
Drawn By KK	
Checked By MH	

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Project No. 151010101

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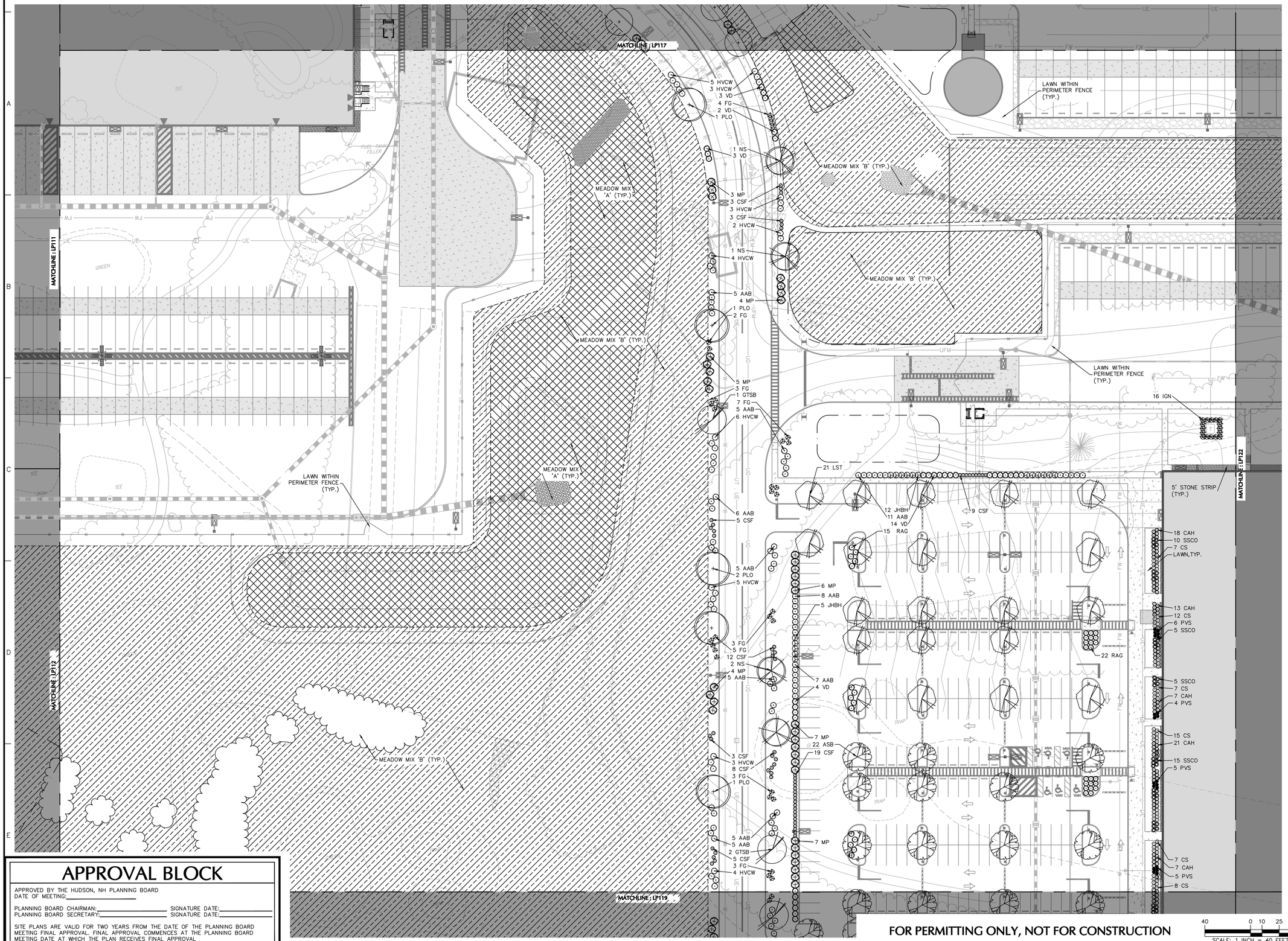

APPROVAL BLOCK

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DATE OF MEETING:_____

PLANNING BOARD CHAIRMAN:_____ SIGNATURE DATE:_____
PLANNING BOARD SECRETARY:_____ SIGNATURE DATE:_____

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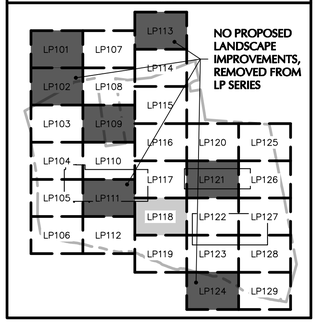
40 0 10 25 40
SCALE: 1 INCH = 40 FEET

SHEET LEGEND
1"=1500'



Date	Description	No.
11/30/20	CON. COMM. / PLANNING BOARD COMMENT RESPONSE	4
09/14/20	AOT COMMENT RESPONSE	3

REVISIONS

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HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON

HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LANDSCAPE PLANTING PLAN XXVIII

Project No.	Drawing No.
151010101	LP118
Date: 12/01/2020	
Drawn By: KK	
Checked By: MH	

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Project No. 151010101

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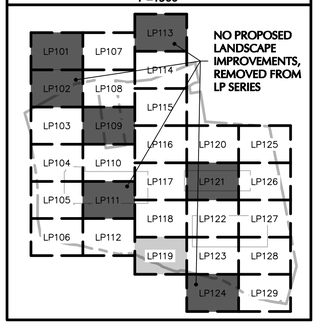
SHEET LEGEND

1"=1500'



Date	Description	No.
11/30/20	CON. COMM. / PLANNING BOARD COMMENT RESPONSE	4
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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MAP No. 239, LOT No. 1
HUDSON
HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LANDSCAPE PLANTING PLAN XIX

Project No.	Drawing No.
151010101	LP119
Date: 12/01/2020	
Drawn By: KK	
Checked By: MH	

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING:_____

PLANNING BOARD CHAIRMAN:_____ SIGNATURE DATE:_____
PLANNING BOARD SECRETARY:_____ SIGNATURE DATE:_____

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SCALE: 1 INCH = 40 FEET

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Project No. 151010101

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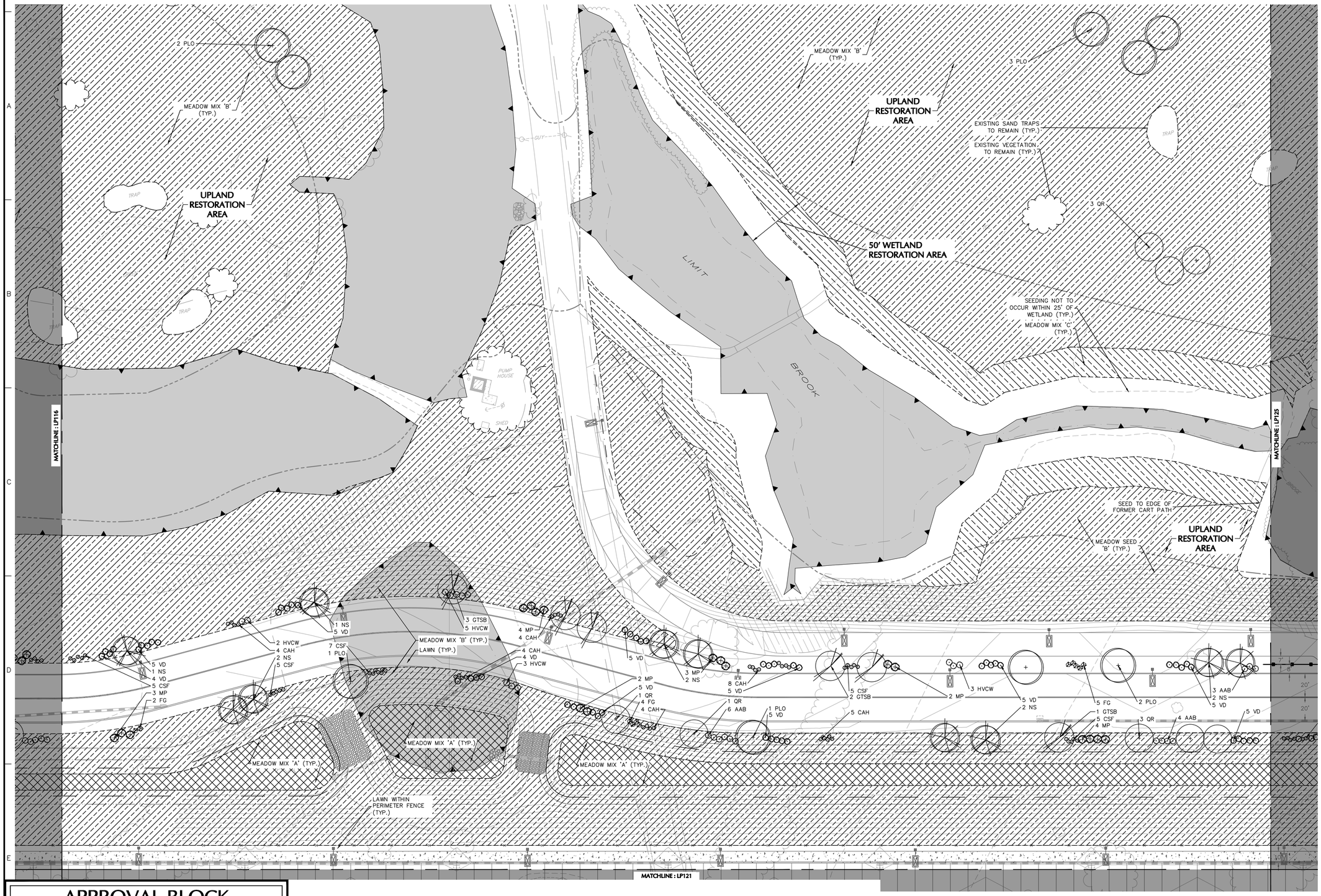
Date: 11/30/2020 Time: 21:31 User: mjuliana Style Table: Langan.stb Layout: LP119 Document Code: 151010101-0502-LP101-0120



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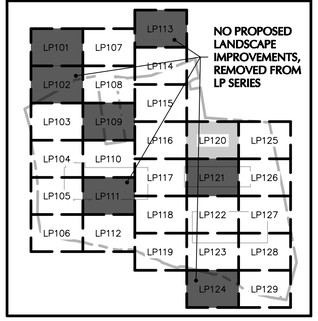

Date	Description	No.
11/30/20	CON. COMM. / PLANNING BOARD COMMENT RESPONSE	4
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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Project

HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON
HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LANDSCAPE PLANTING PLAN XX

Project No. 151010101

Date 12/01/2020

Drawn By KK

Checked By MH

Drawing No. LP120

APPROVAL BLOCK

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SCALE: 1 INCH = 40 FEET

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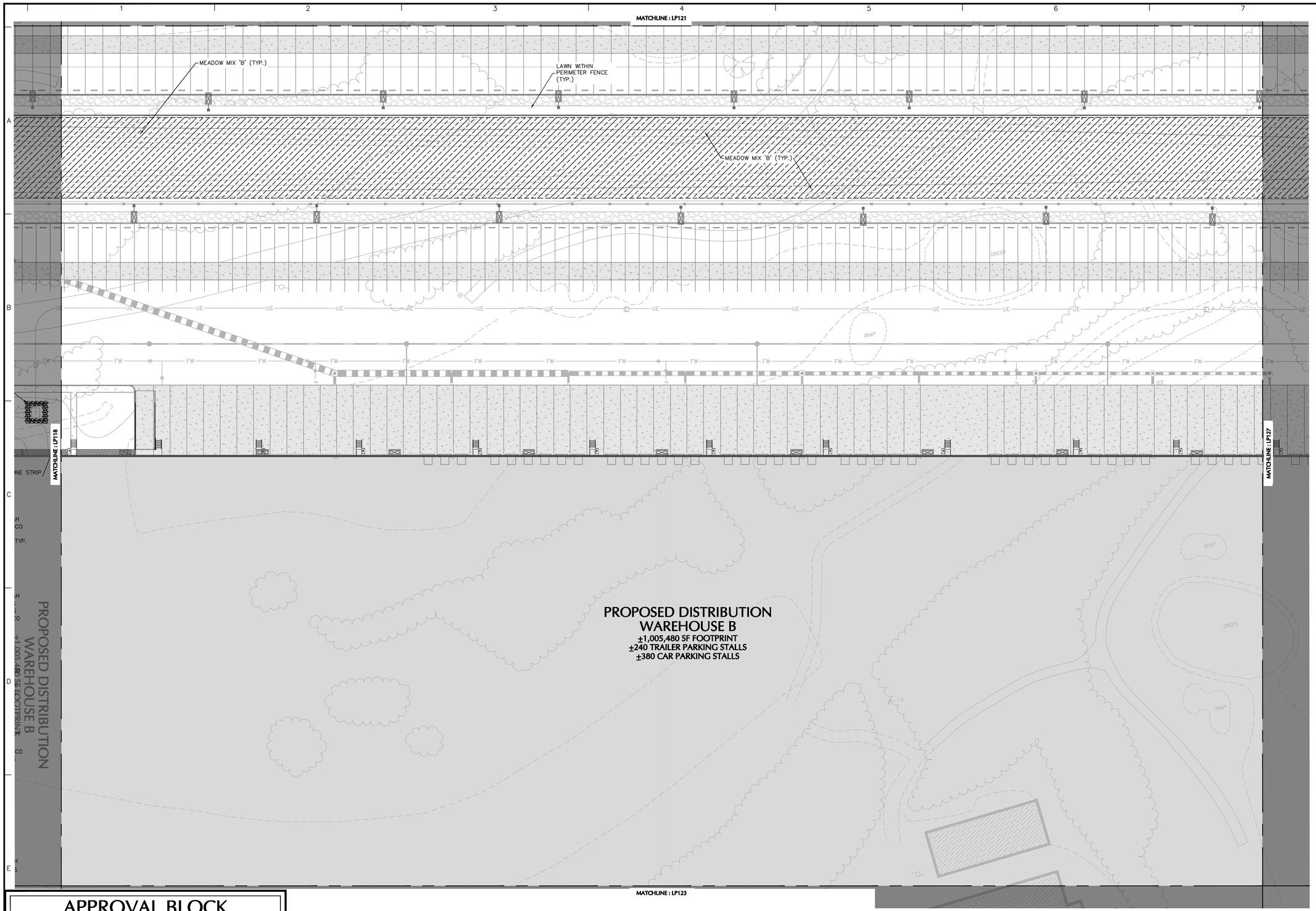
Date: 11/30/2020 Time: 21:32 User: mjuliana Style Table: Langan.stb Layout: LP120 Document Code: 151010101-0502-LP101-0121



APPROVAL BLOCK

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PLANNING BOARD CHAIRMAN:_____ SIGNATURE DATE:_____
PLANNING BOARD SECRETARY:_____ SIGNATURE DATE:_____

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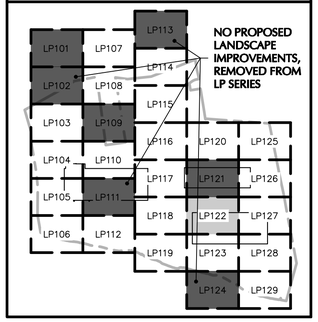
40 0 10 25 40
SCALE: 1 INCH = 40 FEET

SHEET LEGEND

1"=1500'



Date	Description	No.
11/30/20	CON. COMM. / PLANNING BOARD COMMENT RESPONSE	4
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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Project

HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON
HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LANDSCAPE PLANTING PLAN XXII

Project No. 151010101
Date 12/01/2020
Drawn By KK
Checked By MH

Drawing No. LP122

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Project No. 151010101

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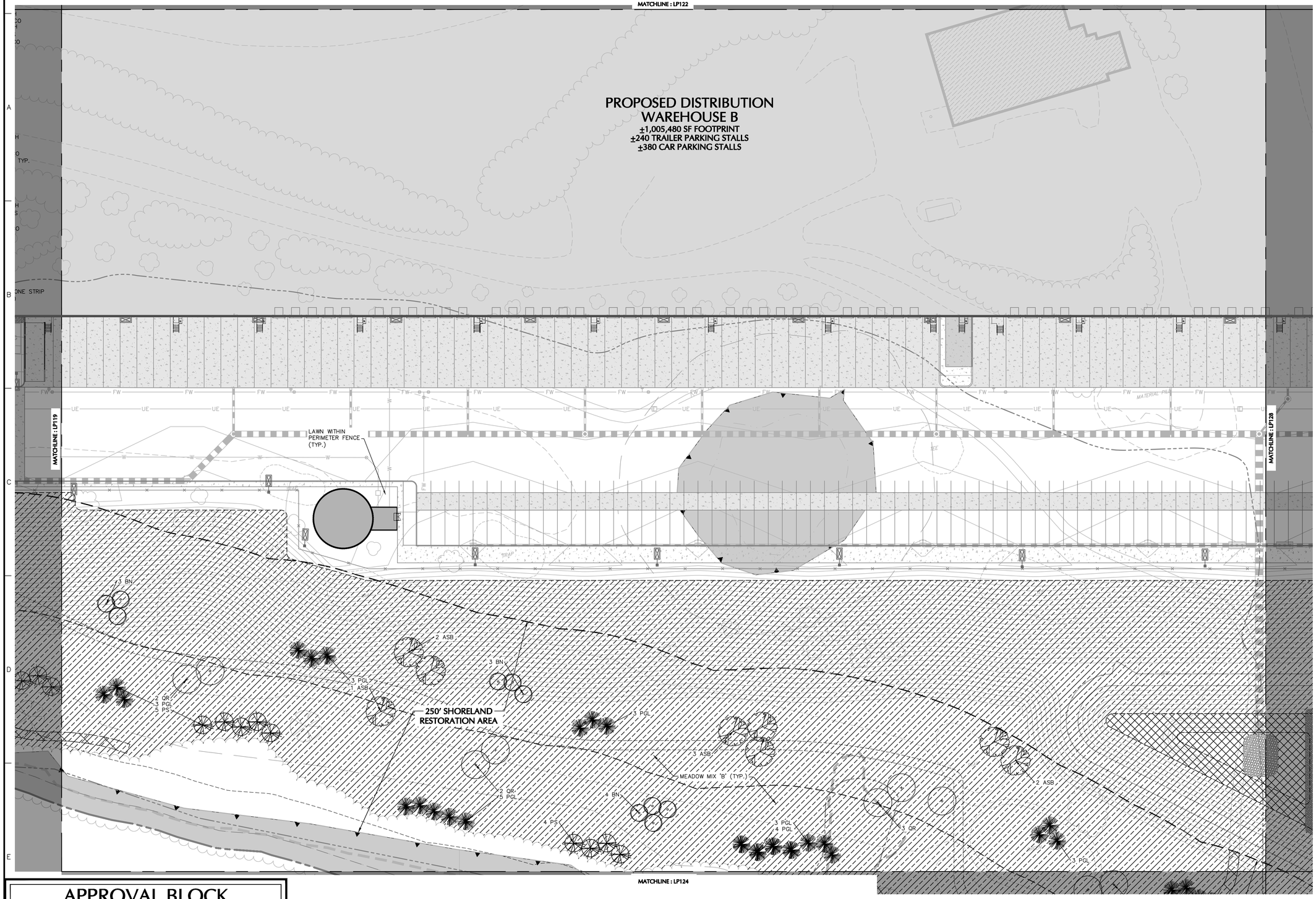

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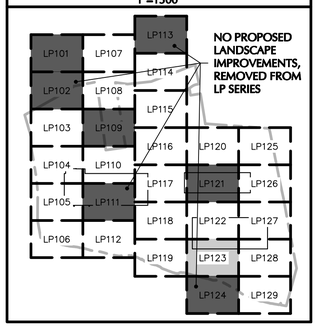

Date	Description	No.
11/30/20	CON. COMM. / PLANNING BOARD COMMENT RESPONSE	4
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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MAP No. 239, LOT No. 1
HUDSON
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Drawing Title

LANDSCAPE PLANTING PLAN XXIII

Project No. 151010101

Date 12/01/2020

Drawn By KK

Checked By MH

Drawing No. LP123

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
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SCALE: 1 INCH = 40 FEET

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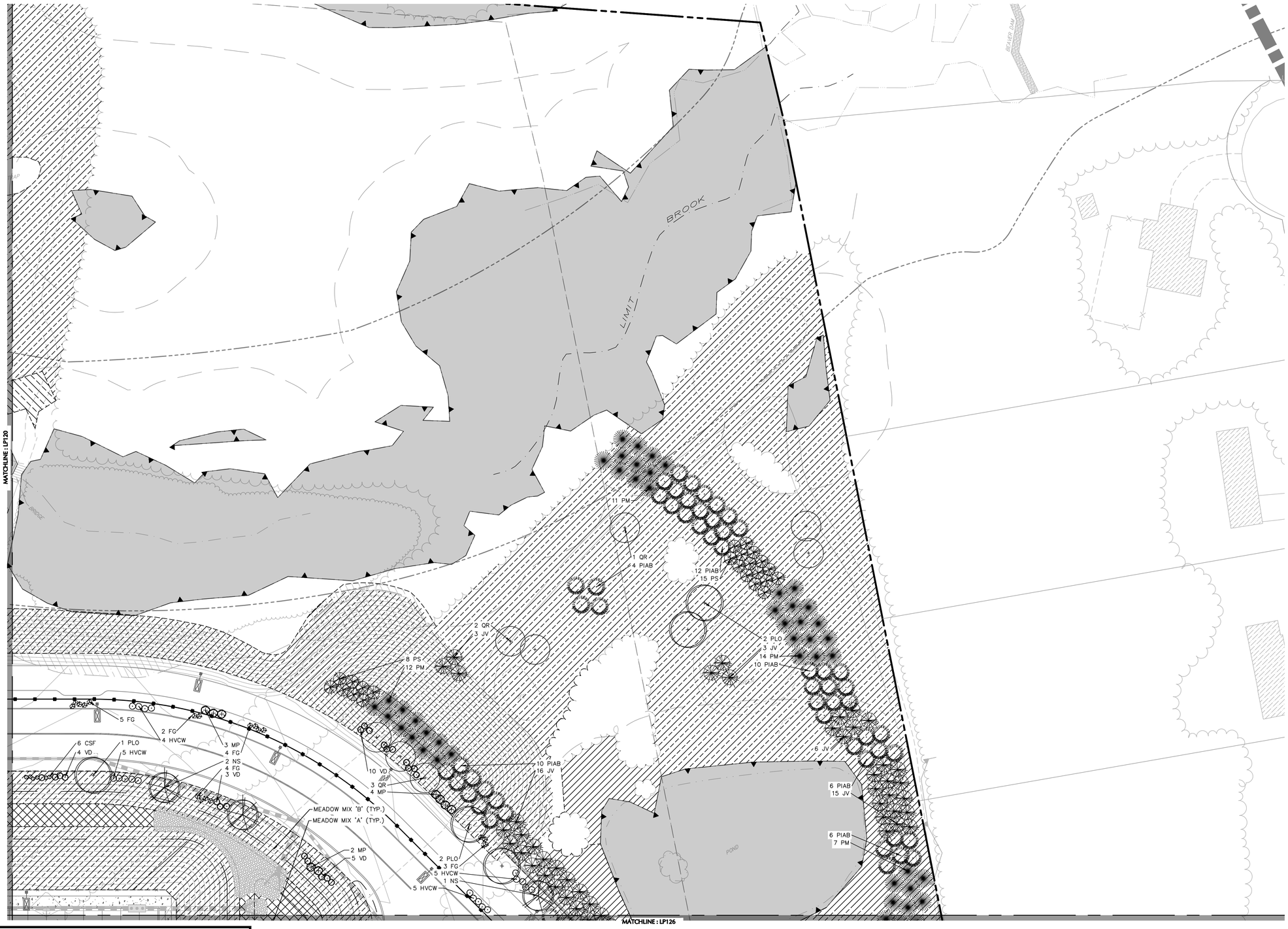

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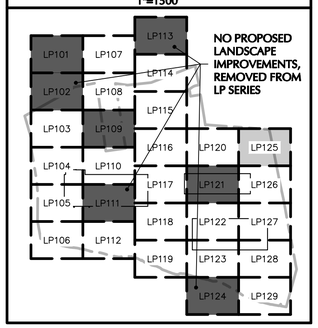

Date	Description	No.
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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Project

HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON

HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LANDSCAPE PLANTING PLAN XXV

Project No. 151010101

Date 12/01/2020

Drawn By KK

Checked By MH

Drawing No. LP125

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING:_____

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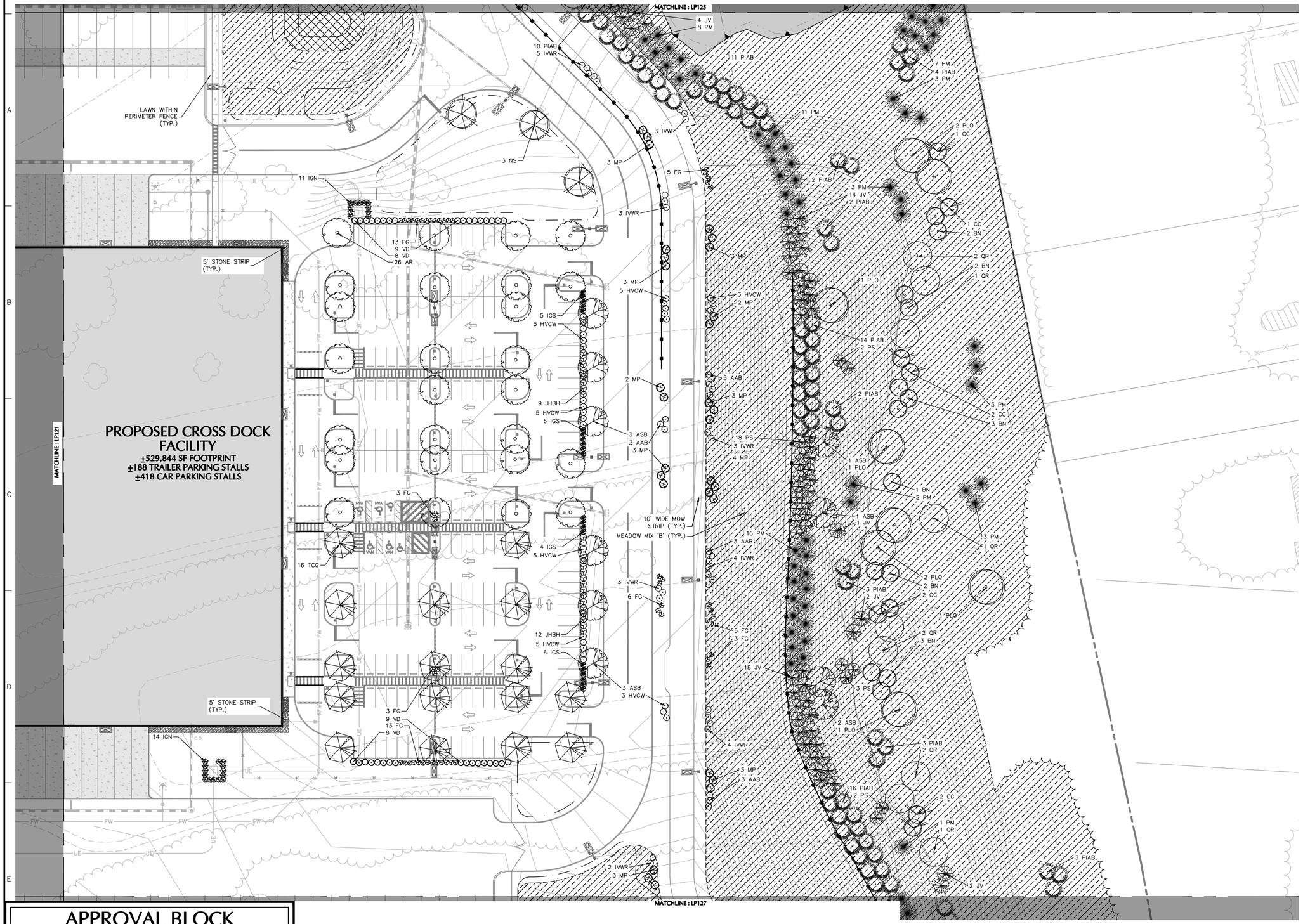

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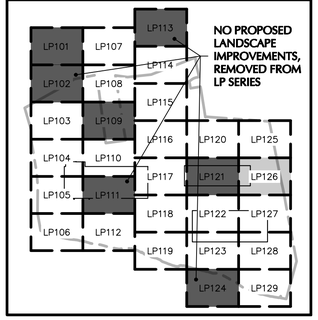

Date	Description	No.
11/30/20	CON. COMM. / PLANNING BOARD COMMENT RESPONSE	4
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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Project

HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON
HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LANDSCAPE PLANTING PLAN XXVI

Project No. 151010101
Date 12/01/2020
Drawn By KK
Checked By MH

DRAWING_FIGURE_LABEL
LP126

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING:_____

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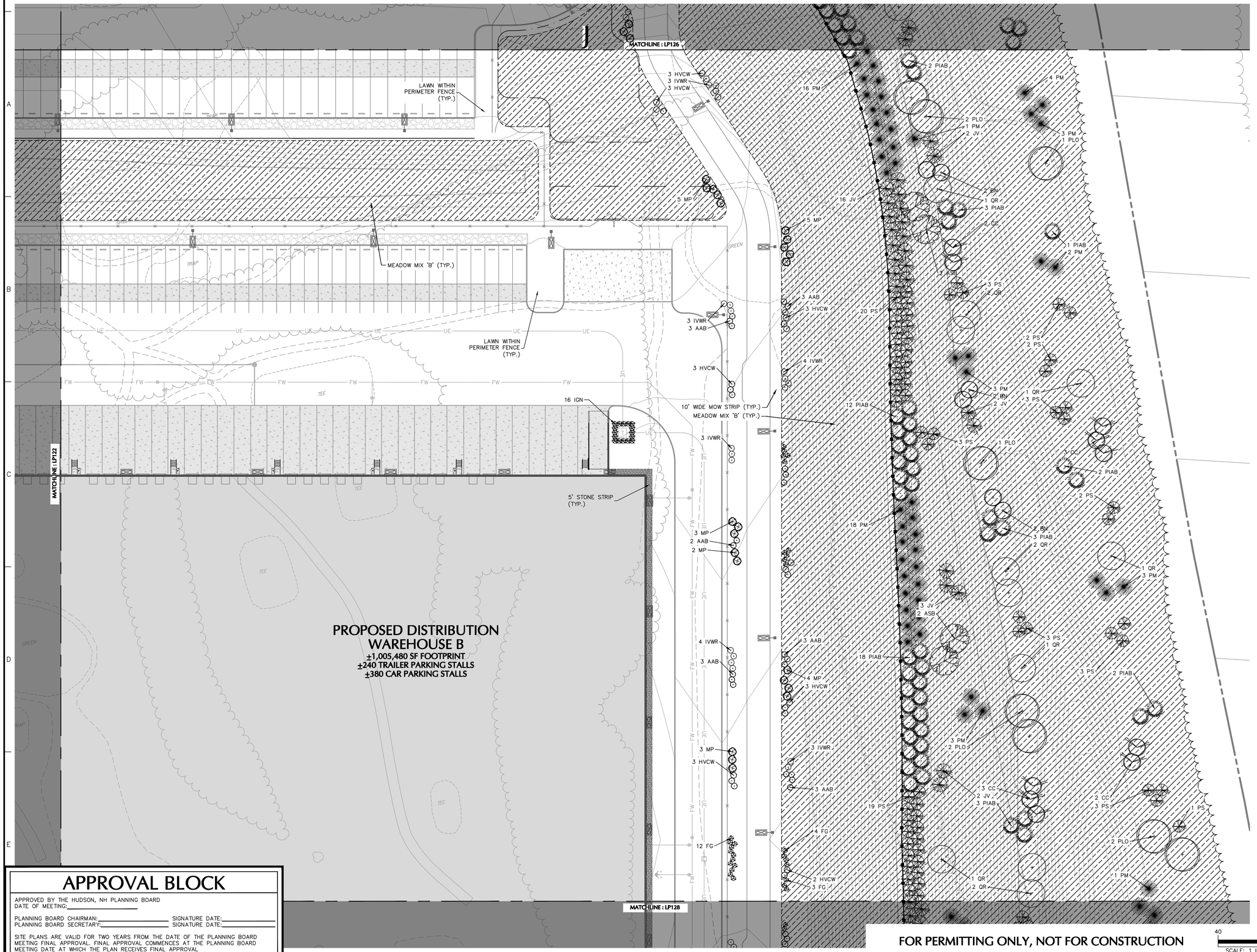

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
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PLANNING BOARD CHAIRMAN:_____ SIGNATURE DATE:_____
PLANNING BOARD SECRETARY:_____ SIGNATURE DATE:_____

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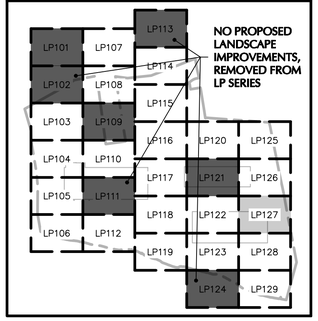
40 0 10 25 40
SCALE: 1 INCH = 40 FEET

SHEET LEGEND

1"=1500'



Date	Description	No.
11/30/20	CON. COMM. / PLANNING BOARD COMMENT RESPONSE	4
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON
HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LANDSCAPE PLANTING PLAN XXVII

Project No.	Drawing No.
151010101	LP127
Date: 12/01/2020	
Drawn By: KK	
Checked By: MH	

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Project No. 151010101

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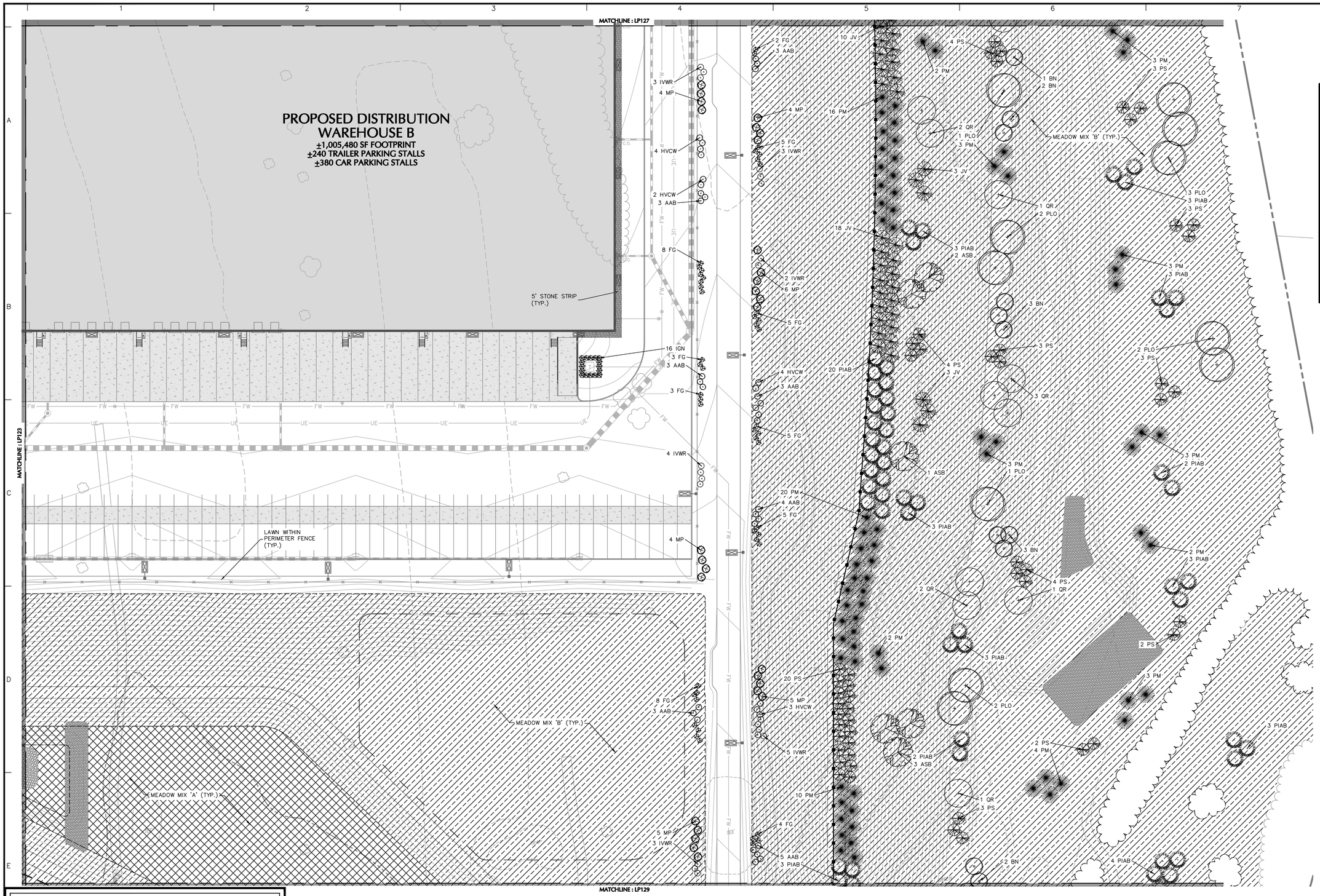

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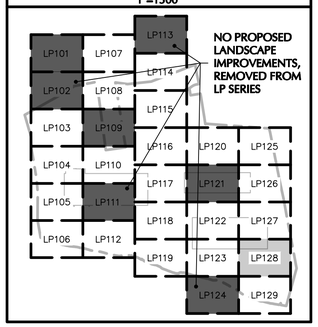

Date	Description	No.
11/30/20	CON. COMM. / PLANNING BOARD COMMENT RESPONSE	4
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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Project

HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON
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Drawing Title

LANDSCAPE PLANTING PLAN XXVIII

Project No. 151010101
Date 12/01/2020
Drawn By KK
Checked By MH
Drawing No. LP128

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING:_____

PLANNING BOARD CHAIRMAN:_____ SIGNATURE DATE:_____
PLANNING BOARD SECRETARY:_____ SIGNATURE DATE:_____

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SCALE: 1 INCH = 40 FEET

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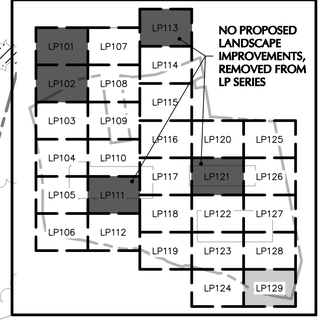
SHEET LEGEND

1"=1500'



Date	Description	No.
09/14/20	AOT COMMENT RESPONSE	3

Revisions

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Project

HUDSON LOGISTICS CENTER

MAP No. 239, LOT No. 1
HUDSON
HILLSBOROUGH NEW HAMPSHIRE

Drawing Title

LANDSCAPE PLANTING PLAN XXIX

Project No.	Drawing No.
151010101	LP129
Date 12/01/2020	
Drawn By KK	
Checked By MH	

APPROVAL BLOCK

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PLANNING BOARD SECRETARY:_____ SIGNATURE DATE:_____

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SCALE: 1 INCH = 40 FEET

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GENERAL LANDSCAPE PLANTING NOTES

1. NAMES OF PLANTS AS DESCRIBED ON THIS PLAN CONFORM TO THOSE GIVEN IN "STANDARDIZED PLANT NAMES", 1942 EDITION, PREPARED BY THE AMERICAN JOINT COMMITTEE ON HORTICULTURAL NOMENCLATURE. NAMES OF PLANT VARIETIES NOT INCLUDED THEREIN CONFORM TO NAMES GENERALLY ACCEPTED IN NURSERY TRADE.
2. ALL EXPOSED GROUND SURFACES THAT ARE NOT PAVED WITHIN THE CONTRACT LIMIT LINE, AND THAT ARE NOT COVERED BY LANDSCAPE PLANTING OR SEEDING AS SPECIFIED, SHALL BE COVERED BY A NATURAL MULCH THAT WILL PREVENT SOIL EROSION AND THE EMANATION OF DUST.
3. NO PLANT SHALL BE PUT INTO THE GROUND BEFORE ROUGH GRADING HAS BEEN COMPLETED AND APPROVED BY THE PROJECT LANDSCAPE ARCHITECT OR PROJECT ENGINEER.
4. STANDARDS FOR TYPE, SPREAD, HEIGHT, ROOT BALL AND QUALITY OF NEW PLANT MATERIAL SHALL BE IN ACCORDANCE WITH GUIDELINES AS SET FORTH IN THE "AMERICAN STANDARD FOR NURSERY STOCK", PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN. PLANT MATERIAL SHALL HAVE NORMAL HABIT OF GROWTH AND BE HEALTHY, VIGOROUS, AND FREE FROM DISEASES AND INSECT INFESTATION.
5. NEW PLANT MATERIAL SHALL BE NURSERY GROWN UNLESS SPECIFIED OTHERWISE. ALL PLANTS SHALL BE SET PLUMB AND SHALL BEAR THE SAME RELATIONSHIP TO FINISHED GRADE AS THE PLANT'S ORIGINAL GRADE BEFORE DIGGING. PLANT MATERIAL OF THE SAME SPECIES AND SPECIFIED AS THE SAME SIZE SHOULD BE SIMILAR IN SHAPE, COLOR AND HABIT. THE LANDSCAPE ARCHITECT HAS THE RIGHT TO REJECT PLANT MATERIAL THAT DOES NOT CONFORM TO THE TYPICAL OR SPECIFIED HABIT OF THAT SPECIES.
6. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UNDERGROUND UTILITY AND SEWER LINES PRIOR TO THE START OF EXCAVATION ACTIVITIES. NOTIFY THE PROJECT ENGINEER AND OWNER IMMEDIATELY OF ANY CONFLICTS WITH PROPOSED PLANTING LOCATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE.
7. THE CONTRACTOR SHALL NOT MAKE SUBSTITUTIONS. IF THE SPECIFIED LANDSCAPE MATERIAL IS NOT OBTAINABLE, THE CONTRACTOR SHALL SUBMIT PROOF OF NON-AVAILABILITY TO THE LANDSCAPE ARCHITECT AND OWNER, TOGETHER WITH A WRITTEN PROPOSAL FOR USE OF AN EQUIVALENT MATERIAL.
8. LANDSCAPE CONTRACTOR TO STAKE OUT PLANTING LOCATIONS, FOR REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT AND/OR OWNER BEFORE PLANTING WORK BEGINS. THE LANDSCAPE ARCHITECT AND/OR OWNER SHALL DIRECT THE CONTRACTOR IN THE FINAL PLACEMENT OF ALL PLANT MATERIAL AND LOCATION OF PLANTING BEDS TO ENSURE COMPLIANCE WITH DESIGN INTENT UNLESS OTHERWISE INSTRUCTED.
9. THE LANDSCAPE ARCHITECT MAY REVIEW PLANT MATERIALS AT THE SITE, BEFORE PLANTING, FOR COMPLIANCE WITH REQUIREMENTS FOR GENUS, SPECIES, VARIETY, SIZE, AND QUALITY. THE LANDSCAPE ARCHITECT RETAINS THE RIGHT TO FURTHER REVIEW PLANT MATERIALS FOR SIZE AND CONDITION OF BALLS AND ROOT SYSTEM, INSECTS, INJURIES, AND LATENT DEFECTS, AND TO REJECT UNSATISFACTORY OR DEFECTIVE MATERIAL AT ANY TIME DURING PROGRESS OF WORK. THE CONTRACTOR SHALL REMOVE REJECTED PLANT MATERIALS IMMEDIATELY FROM PROJECT SITE AS DIRECTED BY THE LANDSCAPE ARCHITECT OR OWNER.
10. DELIVERY, STORAGE, AND HANDLING
    A. PACKAGED MATERIALS: PACKAGED MATERIALS SHALL BE DELIVERED IN CONTAINERS SHOWING WEIGHT, ANALYSIS, AND NAME OF MANUFACTURER. MATERIALS SHALL BE PROTECTED FROM DETERIORATION DURING DELIVERY, AND WHILE STORED AT SITE.
    B. TREES AND SHRUBS: THE CONTRACTOR SHALL PROVIDE TREES AND SHRUBS DUG FOR THE GROWING SEASON FOR WHICH THEY WILL BE PLANTED. DO NOT PRUNE PRIOR TO DELIVERY UNLESS OTHERWISE DIRECTED BY THE LANDSCAPE ARCHITECT. DO NOT BEND OR BIND-TIE TREES OR SHRUBS IN SUCH A MANNER AS TO DAMAGE BARK, BREAK BRANCHES, OR DESTROY NATURAL SHAPE. PROVIDE PROTECTIVE COVERING DURING TRANSIT. DO NOT DROP BALLED AND BURLAPPED STOCK DURING DELIVERY OR HANDLING.
    C. ALL PLANTS SHALL BE BALLED AND BURLAPPED OR CONTAINER GROWN AS SPECIFIED. NO CONTAINER GROWN STOCK WILL BE ACCEPTED IF IT IS ROOT BOUND. ALL ROOTBALL WRAPPING AND BINDING MATERIAL MADE OF SYNTHETICS OR PLASTICS SHALL BE REMOVED FROM THE TOP OF THE BALL AT THE TIME OF PLANTING. IF THE PLANT IS SHIPPED WITH A WIRE BASKET AROUND THE BALL, THE WIRE BASKET SHALL BE CUT AND FOLDED DOWN 8 INCHES INTO THE PLANTING HOLE. WITH CONTAINER GROWN STOCK, THE CONTAINER SHALL BE REMOVED AND THE ROOT BALL SHALL BE CUT THROUGH THE SURFACE IN TWO LOCATIONS.
    D. THE CONTRACTOR SHALL HAVE TREES AND SHRUBS DELIVERED TO SITE AFTER PREPARATIONS FOR PLANTING HAVE BEEN COMPLETED AND PLANT IMMEDIATELY. IF PLANTING IS DELAYED MORE THAN 6 HOURS AFTER DELIVERY, THE CONTRACTOR SHALL SET TREES AND SHRUBS IN SHADE, PROTECT FROM WEATHER AND MECHANICAL DAMAGE AND KEEP ROOTS MOIST BY COVERING WITH MULCH, BURLAP OR OTHER ACCEPTABLE MEANS OF RETAINING MOISTURE.
11. ALL LANDSCAPED AREAS TO BE CLEARED OF ROCKS, STUMPS, TRASH AND OTHER UNSIGHTLY DEBRIS. ALL FINE GRADED AREAS SHOULD BE HAND RAKED SMOOTH ELIMINATING ANY CLUMPS AND AND UNEVEN SURFACES PRIOR TO PLANTING OR MULCHING.
12. ALL PLANT MATERIAL SHALL BE INSTALLED AS PER DETAILS, NOTES AND CONTRACT SPECIFICATIONS. THE LANDSCAPE ARCHITECT MAY REVIEW INSTALLATION AND MAINTENANCE PROCEDURES.
13. NEW PLANT MATERIAL SHALL BE GUARANTEED TO BE ALIVE AND IN VIGOROUS GROWING CONDITION FOR A PERIOD OF TWO YEARS FOLLOWING ACCEPTANCE BY THE OWNER. PLANT MATERIAL FOUND TO BE UNHEALTHY, DYING OR DEAD DURING THIS PERIOD, SHALL BE REMOVED AND REPLACED IN KIND BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER.
14. THE CONTRACTOR SHALL KEEP AREA CLEAN DURING DELIVERY AND INSTALLATION OF PLANT MATERIALS. REMOVE AND DISPOSE OF OFF-SITE ANY ACCUMULATED DEBRIS OR UNUSED MATERIALS. REPAIR DAMAGE TO ADJACENT AREAS CAUSED BY LANDSCAPE INSTALLATION OPERATIONS.
15. ALL PLANTS SHALL BE WATERED THOROUGHLY TWICE DURING THE FIRST 24-HOUR PERIOD AFTER PLANTING. ALL PLANTS SHALL THEN BE WATERED WEEKLY OR AS REQUIRED BY SITE AND WEATHER CONDITIONS TO MAINTAIN VIGOROUS AND HEALTHY PLANT GROWTH.
16. THE BACKFILL MIXTURE AND SOIL MIXES TO BE INSTALLED PER THE SPECIFICATIONS.
17. AFTER PLANT IS PLACED IN TREE PIT LOCATION, ALL TWINE HOLDING ROOT BALL TOGETHER SHOULD BE COMPLETELY REMOVED AND THE BURLAP SHOULD BE PULLED DOWN SO 1/3 OF THE ROOT BALL IS EXPOSED. SYNTHETIC BURLAP SHOULD BE COMPLETELY REMOVED AFTER INSTALLATION.
18. MULCH SHOULD NOT BE PILED UP AROUND THE TRUNK OF ANY PLANT MATERIAL. NO MULCH OR TOPSOIL SHOULD BE TOUCHING THE BASE OF THE TRUNK ABOVE THE ROOT COLLAR.
19. ALL FENCE INSTALLATION SHALL BE COMPLETED PRIOR TO COMMENCEMENT OF ANY LANDSCAPE PLANTING, LAWN AND GRASSES, OR IRRIGATION WORK.
20. FOR ANY DISCREPANCIES BETWEEN THE PLANT SCHEDULE AND PLANTING PLAN THE GRAPHIC QUANTITY SHOWN SHALL GOVERN.
21. PLANT MATERIALS SHALL NOT BE PLANTED UNTIL THE FINISHED GRADING HAS BEEN COMPLETED.
22. ALL PLANT INSTALLATIONS SHALL BE COMPLETED EITHER BETWEEN APRIL 1 – JUNE 15 OR AUGUST 15 – NOVEMBER 1, UNLESS OTHERWISE DIRECTED BY THE PROJECT LANDSCAPE ARCHITECT. SEE LAWN SEEDING DATES IN SEEDING NOTES.

LANDSCAPE MAINTENANCE NOTES

1. MAINTENANCE OPERATIONS BEFORE APPROVAL:
   A. PLANT CARE SHALL BEGIN IMMEDIATELY AFTER EACH PLANT IS SATISFACTORILY INSTALLED AND SHALL CONTINUE THROUGHOUT THE LIFE OF THE CONTRACT UNTIL FINAL ACCEPTANCE OF THE PROJECT.
   B. CARE SHALL INCLUDE, BUT NOT BE LIMITED TO, REPLACING MULCH THAT HAS BEEN DISPLACED BY EROSION OR OTHER MEANS, REPAIRING AND RESHAPING WATER RINGS OR SAUCERS, MAINTAINING STAKES AND GUYS AS ORIGINALLY INSTALLED, WATERING WHEN NEEDED OR DIRECTED, AND PERFORMING ANY OTHER WORK REQUIRED TO KEEP THE PLANTS IN A HEALTHY CONDITION.
   C. CONTRACTOR SHALL REMOVE AND REPLACE ALL DEAD, DEFECTIVE AND/OR REJECTED PLANTS AS REQUIRED BEFORE FINAL ACCEPTANCE.
2. MAINTENANCE DURING CONSTRUCTION:
   A. MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER PLANTING. PLANTS SHALL BE WATERED, MULCHED, WEEDED, PRUNED, SPRAYED, FERTILIZED, CULTIVATED, AND OTHERWISE MAINTAINED AND PROTECTED UNTIL PROVISIONAL ACCEPTANCE. SETTLED PLANTS SHALL BE RESET TO PROPER GRADE AND POSITION, PLANTING SAUCER RESTORED AND DEAD MATERIAL REMOVED. STAKES AND WIRES SHALL BE TIGHTENED AND REPAIRED. DEFECTIVE WORK SHALL BE CORRECTED AS SOON AS POSSIBLE AFTER IT BECOMES APPARENT AND WEATHER AND SEASON PERMIT.
   B. IF A SUBSTANTIAL NUMBER OF PLANTS ARE SICKLY OR DEAD AT THE TIME OF INSPECTION, ACCEPTANCE SHALL NOT BE GRANTED AND THE CONTRACTOR'S RESPONSIBILITY FOR MAINTENANCE OF ALL PLANTS SHALL BE EXTENDED FROM THE TIME REPLACEMENTS ARE MADE OR EXISTING PLANTS ARE DEEMED ACCEPTABLE BY THE LANDSCAPE ARCHITECT.
   C. ALL REPLACEMENTS SHALL BE PLANTS OF THE SAME KIND AND SIZE SPECIFIED ON THE PLANT LIST OR THAT WHICH WAS TO REMAIN OR BE RELOCATED. THEY SHALL BE FURNISHED AND PLANTED AS SPECIFIED. THE COST SHALL BE BORNE BY THE CONTRACTOR. REPLACEMENTS RESULTING FROM REMOVAL, LOSS, OR DAMAGE DUE TO OCCUPANCY OF THE PROJECT IN ANY PART, VANDALISM, PHYSICAL DAMAGE BY ANIMALS, VEHICLES, ETC., AND LOSSES DUE TO CURTAILMENT OF WATER BY LOCAL AUTHORITIES SHALL BE APPROVED AND PAID FOR BY THE OWNER.
   D. PLANTS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER INSPECTION AND PROVISIONAL ACCEPTANCE.
   E. AT THE END OF THE ESTABLISHMENT PERIOD, INSPECTION SHALL BE MADE AGAIN. ANY PLANT REQUIRED UNDER THIS CONTRACT THAT IS DEAD OR UNSATISFACTORY TO THE LANDSCAPE ARCHITECT OR OWNER SHALL BE REMOVED FROM THE SITE AND REPLACED DURING THE NORMAL PLANTING SEASON.
3. LAWN MAINTENANCE:
   A. BEGIN MAINTENANCE IMMEDIATELY AFTER EACH PORTION OF LAWN IS PLANTED AND CONTINUE FOR 8 WEEKS AFTER ALL LAWN PLANTING IS COMPLETED.
   B. WATER TO KEEP SURFACE SOIL MOIST, REPAIR WASHED OUT AREAS BY FILLING WITH TOPSOIL, LIMING, FERTILIZING AND RE-SEEDING; MOW TO 2 1/2 – 3 INCHES AFTER GRASS REACHES 3 1/2 INCHES IN HEIGHT, AND MOW FREQUENTLY ENOUGH TO KEEP GRASS FROM EXCEEDING 3 1/2 INCHES. WEED BY LOCAL SPOT APPLICATION OF SELECTIVE HERBICIDE ONLY AFTER GRASS IS WELL-ESTABLISHED.

APPROVAL BLOCK

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING:____________________

PLANNING BOARD CHAIRMAN:____________________ SIGNATURE DATE:______________
PLANNING BOARD SECRETARY:____________________ SIGNATURE DATE:______________

SITE PLANS ARE VALID FOR TWO YEARS FROM THE DATE OF THE PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN RECEIVES FINAL APPROVAL

PLANTING SOIL SPECIFICATIONS

1. PLANTING SOIL, ALTERNATELY MAY BE REFERRED TO AS TOPSOIL, SHOULD BE FRIABLE, FERTILE, WELL DRAINED, FREE OF DEBRIS, TOXINS, TRASH AND STONES OVER 1/2" DIA., IT SHOULD HAVE A HIGH ORGANIC CONTENT SUITABLE TO SUSTAIN HEALTHY PLANT GROWTH AND SHOULD LOOK AESTHETICALLY PLEASING HAVING NO NOXIOUS ODORS.
2. PLANTING SOIL:

REUSE SURFACE SOILS STOCKPILED ON SITE, VERIFYING COMPLIANCE WITH PLANTING SOIL AND TOPSOIL CRITERIA IN THIS SPECIFICATION THROUGH TESTING. CLEAN SURFACE SOIL OF ALL ROOTS, PLANTS, SOD, AND GRAVEL OVER 1" IN DIAMETER AND DELETERIOUS MATERIALS. IF ON-SITE SOILS ARE TO BE USED FOR PROPOSED PLANTING, THE CONTRACTOR SHALL DEMONSTRATE, THROUGH SOIL TESTING, THAT ON-SITE SOILS MEET THE SAME CRITERIA AS INDICATED IN NOTES PLANS AND SPECIFICATIONS.

SUPPLEMENT WITH IMPORTED OR MANUFACTURED TOPSOIL FROM OFF SITE SOURCES WHEN TOPSOIL AND PLANTING SOIL QUANTITIES ARE INSUFFICIENT. OBTAIN SOIL DISPLACED FROM NATURALLY WELL-DRAINED SITES WHERE TOPSOIL OCCURS AT LEAST 4" DEEP. DO NOT OBTAIN FROM AGRICULTURAL LAND, BOGS, MARSHES OR CONTAMINATED SITES.

CONTRACTOR SHALL TEST SOILS AND FURNISH SAMPLES UPON REQUEST. PACKAGED MATERIALS SHALL BE UNOPENED BAGS OR CONTAINERS, EACH BEARING A NAME, GUARANTEE, AND TRADEMARK OF THE PRODUCER, MATERIAL COMPOSITION, MANUFACTURER'S CERTIFIED ANALYSIS, AND THE WEIGHT OF THE MATERIALS. SOIL OR AMENDMENT MATERIALS SHALL BE STORED ON SITE TEMPORARILY IN STOCKPILES PRIOR TO PLACEMENT AND SHALL BE PROTECTED FROM INTRUSION OF CONTAMINANTS AND EROSION. AFTER MIXING, SOIL MATERIALS SHALL BE COVERED WITH A TARPAULIN UNTIL TIME OF ACTUAL USE.

ALL PLANTING SOILS SHALL BE SUBMITTED FOR TESTING TO THE STATE COOPERATIVE EXTENSION SERVICE, OR APPROVED EQUAL, PRIOR TO DELIVERY TO THE SITE. CONTRACTOR SHALL FURNISH SOIL SAMPLES AND SOIL TEST RESULTS TO LANDSCAPE ARCHITECT OR OWNER AT A RATE OF ONE SAMPLE PER 500 CUBIC YARDS TO ENSURE CONSISTENCY ACROSS THE TOTAL VOLUME OF PLANTING SOIL REQUIRED. TEST RESULTS SHALL EVALUATE FOR ALL CRITERIA LISTED IN THIS SPECIFICATION. IF TESTING AGENCY DETERMINES THAT THE SOILS ARE DEFICIENT IN ANY MANNER AND MAY BE CORRECTED BY ADDING AMENDMENTS, THE CONTRACTOR SHALL FOLLOW STATED RECOMMENDATIONS FOR SOIL IMPROVEMENT AND FURNISH SUBMITTALS FOR ALL AMENDMENTS PRIOR TO DELIVERY OF SOIL TO THE PROJECT SITE.

A. THE FOLLOWING TESTING SHOULD BE PERFORMED AND RESULTS GIVEN TO THE LANDSCAPE ARCHITECT FOR APPROVAL BEFORE INSTALLATION:
   a. PARTICLE SIZE ANALYSIS – LOAMY SAND: 60–75% SAND, 25–40% SILT, AND 5–15% CLAY.
   b. FERTILITY ANALYSIS: pH (5.5–6.5), SOLUBLE SALTS (LESS THAN 2 MMHO/CM), NITRATE, PHOSPHATE, POTASSIUM, CALCIUM AND MAGNESIUM
   c. ORGANIC MATTER CONTENT: 2.5–5% IN NATIVE SOILS; UP TO 10% IN AMENDED SOILS
   d. TOXIC SUBSTANCE ANALYSIS
   e. MATERIAL DRAINAGE RATE: 60% PASSING IN 2 MINUTES, 40% RETAINED
   f. NOT MORE THAN 1% OF MATERIAL SHALL BE RETAINED BY A #4 SIEVE

3. SOIL AMENDMENT FOR PLANT MATERIAL:
IF SOIL ORGANIC CONTENT IS INADEQUATE, SOIL SHALL BE AMENDED WITH COMPOST OR ACCEPTABLE, WEED FREE, ORGANIC MATTER. ORGANIC AMENDMENT SHALL BE WELL COMPOSTED, PH RANGE OF 6–8; MOISTURE CONTENT 35–55% BY WEIGHT 100% PASSING THROUGH 1" SIEVE; SOLUBLE SALT CONTENT LESS THAN 0.5 MM HOS/CM; MEETING ALL APPLICABLE ENVIRONMENTAL CRITERIA FOR CLEAN FILL.
   A. ORGANIC MATTER AS A SOIL AMENDMENT: LEAF MOLD WITH 60–90% ORGANIC CONTENT BY WEIGHT. SHREDDED LEAF LITTER, COMPOSTED FOR A MINIMUM OF 1 YR. SHOULD BE FREE OF DEBRIS, STONES OVER 1/2", WOOD CHIPS OVER 1".
   B. SOIL IN BEDS AND PLANTING ISLANDS OTHER THAN BACKFILL MATERIAL AND TOPSOIL, SHOULD BE FRIABLE, WELL DRAINED, AND FREE OF DEBRIS, INCLUDING STONES AND TRASH.
   C. AMENDMENTS FOR BACK FILL IN TREE AND SHRUB PITS:
      a. GROUND LIMESTONE (WITH A MIN. OF 88% OF CALCIUM AND MAGNESIUM CARBONATES) USED PENDING RESULTS OF SOIL ANALYSIS.
         – BRING pH LEVELS TO 5.5 MIN. TO 6.5 FOR NON-ERICACEOUS PLANTS
         – BRING pH LEVELS TO 4.5 MIN. TO 5.5 FOR ERICACEOUS PLANTS
      b. TERRA-SORB BY 'PLANT HEALTH CARE' 800-421-9051 (SEE MANUFACTURER RECOMMENDATIONS) USED IN PLANTER BACKFILL MIXTURE WITH TREES AND SHRUBS.
      c. MYCOR-ROOT SAVER BY 'PLANT HEALTH CARE' 800-421-9051 (SEE MANUFACTURER RECOMMENDATIONS) USED IN BACKFILL MIXTURE WITH TREES.
4. WHERE PLANTING AREAS ARE PROPOSED FOR FORMER PAVED OR GRAVEL AREAS, BEDS SHALL BE EXCAVATED TO A MINIMUM 30" DEPTH AND, AT A MINIMUM, BE BACKFILLED WITH BOTTOM LAYER OF SANDY LOAM (ORGANIC CONTENT LESS THAN 2%) OVER WHICH TOPSOIL AND PLANTING SOILS WILL BE PLACED AT DEPTHS INDICATED IN PLANS, DETAILS AND NOTES.
5. CLEAN SOIL FILL IN LANDSCAPE AREAS:
LANDSCAPE FILL MATERIAL, BELOW PLANTING SOILS, SHALL HAVE THE PHYSICAL PROPERTIES OF A SANDY LOAM WITH AN ORGANIC CONTENT OF LESS THAN 2% AND A PH BETWEEN 5 – 7.
6. SOIL PLACEMENT:
   A. CONTRACTOR TO PROVIDE SIX INCHES (6") MINIMUM DEPTH PLANTING SOIL LAYER IN LAWN AREAS, TWELVE INCHES (12") MINIMUM DEPTH PLANTING SOIL LAYER IN GROUNDCOVER AND PERENNIAL AREAS, EIGHTEEN INCHES (18") MINIMUM DEPTH PLANTING SOIL LAYER IN SHRUB AREAS, AND THIRTY-SIX INCHES (36") MINIMUM DEPTH PLANTING SOIL LAYER IN TREE PLANTING AREAS.
   B. SCARIFY AND/OR TILL COMPACTED SUBSOILS TO A MINIMUM DEPTH OF 6 INCHES. THOROUGHLY MIX A 6 INCH DEPTH LAYER OF PLANTING SOIL INTO THE SUBSOIL PRIOR TO PLACING PLANTING SOIL AT THE DEPTHS INDICATED ABOVE. PLANTING SOIL SHALL BE PLACED IN 12-18" LIFTS AND WATER THOROUGHLY BEFORE INSTALLING NEXT LIFT. REPEAT UNTIL DEPTHS AND FINISH GRADES HAVE BEEN ACHIEVED. NO SOILS SHALL BE PLACED IN A FROZEN OR MUDDY CONDITION.
   C. PLANTING SOIL PRESENT AT THE SITE, IF ANY, MAY BE USED TO SUPPLEMENT TOTAL AMOUNT REQUIRED. CONTRACTOR TO FURNISH AN ANALYSIS OF ON-SITE PLANTING SOIL UTILIZED IN ALL PLANTING AREAS.
7. SOIL CONDITIONING:
   A. ADJUST pH AND NUTRIENT LEVELS AS REQUIRED TO ENSURE AN ACCEPTABLE GROWING MEDIUM. LOWER pH USING ELEMENTAL SULFUR ONLY. PEAT MOSS OR COPPER SULFATE MAY NOT BE USED. GROUND LIMESTONE AS A SOIL AMENDMENT MATERIAL WILL ONLY BE USED PENDING RESULTS OF SOIL ANALYSIS. PROVIDE WITH MINIMUM 88% CALCIUM AND MAGNESIUM CARBONATES AND SHALL HAVE TOTAL 100% PASSING THE 10 MESH SIEVE, MINIMUM 90% PASSING 20 MESH SIEVE, AND MINIMUM 60% PASSING 100 MESH SIEVE.
   B. ALL DEBRIS EXPOSED FROM EXCAVATION AND CULTIVATION SHALL BE DISPOSED OF AT THE CONTRACTOR'S EXPENSE.
   C. SOIL MODIFICATIONS (PENDING RESULTS OF SOIL ANALYSIS):
      a. THOROUGHLY TILL ORGANIC MATTER (LEAF COMPOST) INTO THE TOP 6 TO 12 IN. OF MOST PLANTING SOILS TO IMPROVE THE SOIL'S ABILITY TO RETAIN WATER AND NUTRIENTS. 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 7.0. PEAT MOSS MAY NOT BE USED AS ORGANIC MATTER AMENDMENT.
      b. MODIFY HEAVY CLAY OR SILT (MORE THAN 40% CLAY OR SILT) BY ADDING COMPOSTED PINE BARK (UP TO 30% BY VOLUME) AND/OR GYPSUM. COARSE SAND MAY BE USED IF ENOUGH IS ADDED TO BRING THE SAND CONTENT TO MORE THAN 60% OF THE TOTAL MIX. IMPROVE DRAINAGE IN HEAVY SOILS BY PLANTING ON RAISED MOUNDS OR BEDS AND INCLUDING SUBSURFACE DRAINAGE LINES.
      c. MODIFY EXTREMELY SANDY SOILS (MORE THAN 85% SAND) BY ADDING ORGANIC MATTER AND/OR DRY, SHREDDED CLAY LOAM UP TO 30% OF THE TOTAL MIX.

MEADOW SEED NOTES

MEADOW SEED MIX A ERNST SEED MIX ERNMX-183 "NATIVE DETENTION AREA MIX"

32%	PANICUM CLANDESTINUM, 'TIOGA'	DEERTONGUE, 'TIOGA'
20%	CAREX VULPINOIDEA	FOX SEDGE
20%	ELYMUS VIRGINICUS	VIRGINIA WILDRYE
20%	PANICUM VIRGATUM, 'SHAWNEE'	SWITCHGRASS, 'SHAWNEE'
4%	AGROSTIS PERENNANS, ALBANY PINE BUSH	AUTUMN BENTGRASS, ALBANY PINE BUSH
2%	JUNCUS TENUIS	PATH RUSH
1%	JUNCUS EFFUSUS	SOFT RUSH
1%	PANICUM RIGIDULUM	REDTOP PANICGRASS

NOTES:
1. SEED AT A RATE OF 20 LBS/ACRE OF 100% PURE LIVE SEED.

MEADOW SEED MIX B – ERNMX-181 (NATIVE STEEP SLOPE MIX WITH ANNUAL RYEGRASS)

22%	SORGHASTRUM NUTANS	INDIANGRASS
20%	LOLIUM MULTIFLORUM	ANNUAL RYEGRASS
17%	SCHIZACHYRIUM SCOPARIUM	LITTLE BLUESTEM
15%	ELYMUS CANADENSIS	CANADA WILDRYE
5%	ELYMUS VIRGINICUS	VIRGINIA WILDRYE
4%	AGROSTIS PERENNANS	AUTUMN BENTGRASS
4%	AGROSTIS SCABRA	TICKLEGRASS
4%	TRIDENS FLAVUS	PURPLETOP
2%	CHAMAECRISTA FASCICULATA	PARTRIDGE PEA
2%	ECHINACEA PURPUREA	PURPLE CONEFLOWER
1%	COREOPSIS LANCEOLATA	LANCELEAF COREOPSIS
1%	LIATRIS SPICATA	MARSH BLAZING STAR
1%	MONARDA FISTULOSA	WILD BERGAMOT
1%	PENSTEMON DIGITALIS	TALL WHITE BEARDTONGUE
1%	RUDBECKIA HIRTA	BLACKEYED SUSAN

NOTES:
SEED AT A RATE OF 60 LBS/ACRE OF 100% PURE LIVE SEED.

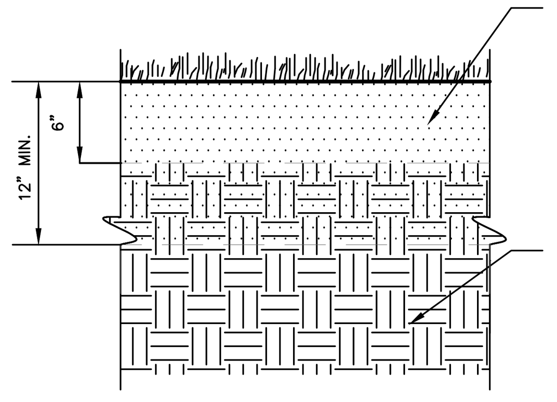
MEADOW SEED MIX C – NEW ENGLAND WETLAND PLANTS, INC.
(NEW ENGLAND EROSION CONTROL/RESTORATION MIX FOR DETENTION BASINS AND MOIST SITES)

RIVERBANK WILD RYE	ELYMUS RIPARIUS
CREEPING RED FESCUE	FESTUCA RUBRA
LITTLE BLUESTEM	SCHIZACHYRIUM SCOPARIUM
BIG BLUESTEM	ANDROPOGON GERARDII
SWITCH GRASS	PANICUM VIRGATUM
UPLAND BENTGRASS	AGROSTIS PERENNANS
NODDING BUR MARIGOLD	BIDENS CERNUA
HOLLOW-STEM JOE PYE WEED	EUPATORIUM FISTULOSUM/EUTROCHIUM FISTULOSUM
NEW ENGLAND ASTER	ASTER NOVAE-ANGLIAE
BONESET	EUPATORIUM PERFOLIATUM
BLUE VERVAIN	VERBENA HASTATA
SOFT RUSH	JUNCUS EFFUSUS
WOOL GRASS	SCIRPUS CYPERINUS

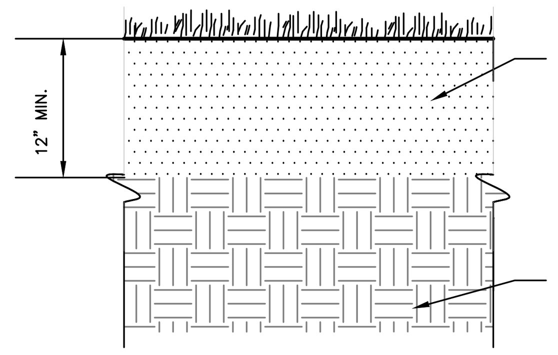
NOTES:
SEED AT A RATE OF 35 LBS/ACRE OF 100% PURE LIVE SEED.

GENERAL NOTE:

DUE TO GENERAL CONSTRUCTION ACTIVITIES AND ADJACENT SITE COMPACTION REQUIREMENTS, SUBGRADE SOILS WITHIN PROPOSED PLANTING AREAS TEND TO BECOME HIGHLY COMPACTED. IN ORDER TO CREATE A HEALTHY GROWTH MEDIUM TO ALLOW PROPOSED PLANTINGS TO ESTABLISH A VIGOROUS ROOT MASS, THIS SUBGRADE SOIL MUST UNDERGO A RESTORATION PROCESS. IN ADDITION, IMPORTED OR AMENDED EXISTING SOILS SHALL BE MIXED WITH SUBGRADE SOILS WHERE THEY MEET IN ORDER TO CREATE A TRANSITIONAL GRADIENT TO ALLOW FOR PROPER DRAINAGE.



PLANTING SOIL WITHIN AREAS OF CUT OR RAISED GRADE

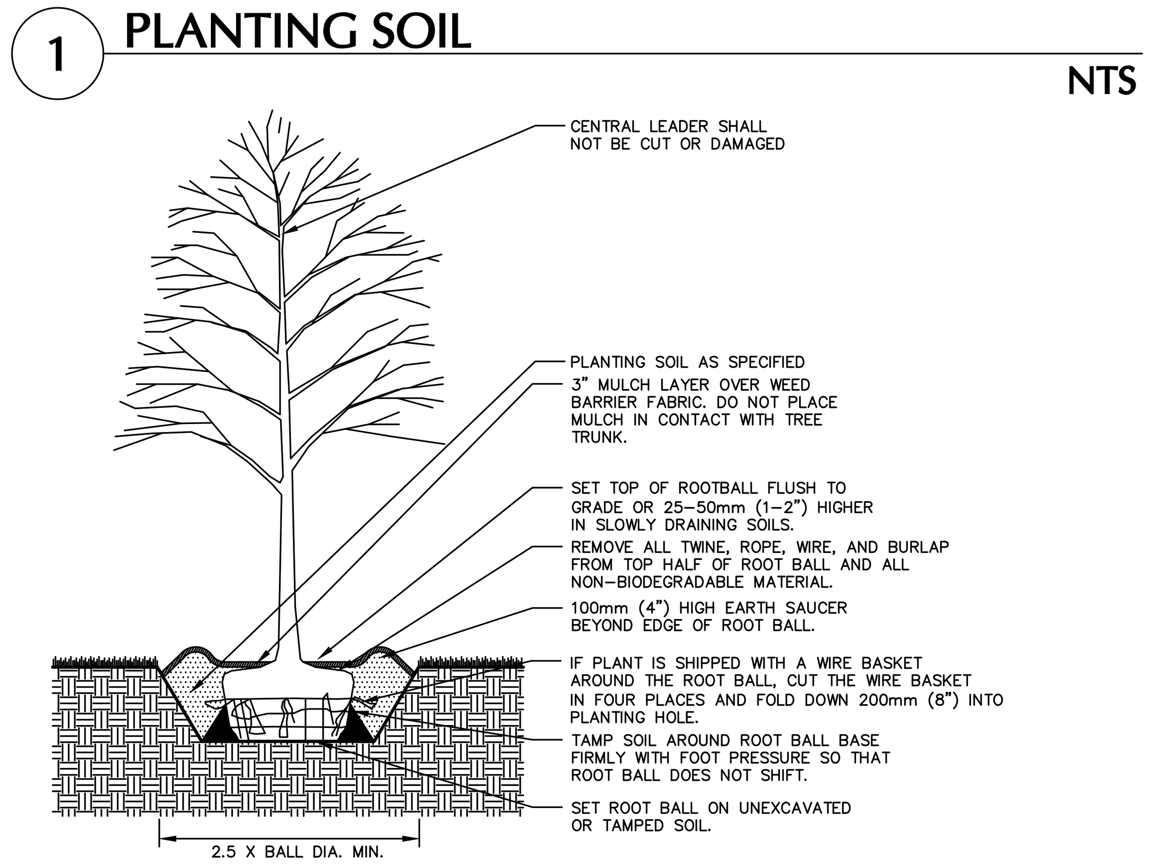


PLANTING SOIL WITHIN AREAS OF UNCHANGED GRADE

NOTES:
1. CONTRACTOR IS RESPONSIBLE TO SEND SAMPLES OF EXISTING SOILS INTENDED FOR USE IN PLANTING AREAS (1 PER 500 CY.) TO TESTING LABORATORY OR UNIVERSITY COOPERATIVE EXTENSION FOR TESTING. ALL TESTING COSTS ARE AT THE CONTRACTOR'S EXPENSE.
2. RECYCLED CRUSHED CONCRETE AND ASPHALT MILLINGS SHALL NOT BE PLACED WITHIN 2'-6" OF FINISH GRADE IN PROPOSED LANDSCAPE AREAS.
3. IMPORTED FILL SHALL CONTAIN NO CONTAMINATION IN EXCEEDENCE OF THE APPLICABLE STATE ENVIRONMENTAL STANDARDS AND MEET THE ENVIRONMENTAL REQUIREMENTS FOR THE PROJECT. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION OF COMPLIANCE PRIOR TO DELIVERY OF ANY FILL TO THE SITE.
4. CONTRACTOR TO LIGHTLY COMPACT ALL PLACED PLANTING SOILS AND RAISE GRADES ACCORDINGLY TO ALLOW FOR FUTURE SETTLEMENT OF PLANTING SOILS (TYP.)
5. NO STONES, WOOD CHIPS, OR DEBRIS LARGER THAN 1/2" SHALL BE ACCEPTABLE WITHIN PLANTING AREAS.

1 PLANTING SOIL

NTS



2 TREE PLANTING

NTS

LAWN SEED MIX:

1. LAWN SEED MIX: LESCO GRASS SEED – ALL PRO TRANSITION MIX (3 TURF-TYPE TALL-FESCUE GRASSES)

   NOTES:
   A) SEED RATE:
      1) NEW ESTABLISHMENT: SEED AT A RATE OF 6-8 LBS/1000 SQ FT
      2) RENOVATION: 20-50% EXISTING COVER: 5-7 LBS/1000 SQ FT
         50-75% EXISTING COVER: 4-6 LBS/1000 SQ FT
2. GENERAL SEED NOTES:
   A) FINAL SEED MIXTURES, RATES, AND SPECIES TO BE DETERMINED BASED ON PROJECT LANDSCAPE ARCHITECT REVIEW.
   B) SEEDING SHALL TAKE PLACE IN THE SPRING (APRIL 1 TO JUNE 15) OR THE FALL (SEPTEMBER 1 TO OCTOBER 15).
   C) ELIMINATE UNWANTED VEGETATION PRIOR TO SEEDING USING A GLYPHOSATE-BASED HERBICIDE PER MANUFACTURER'S SPECIFICATIONS.
   D) IT IS RECOMMENDED THAT CONTRACTOR INSTALL SEED MIXTURE USING A NO-TILL TRUAX-TYPE DRILL SEEDER WHERE APPLICABLE.
   E) THERE MUST BE CONTINUOUS SOIL MOISTURE FOR 4-6 WEEKS TO ALLOW FOR PROPER GERMINATION.

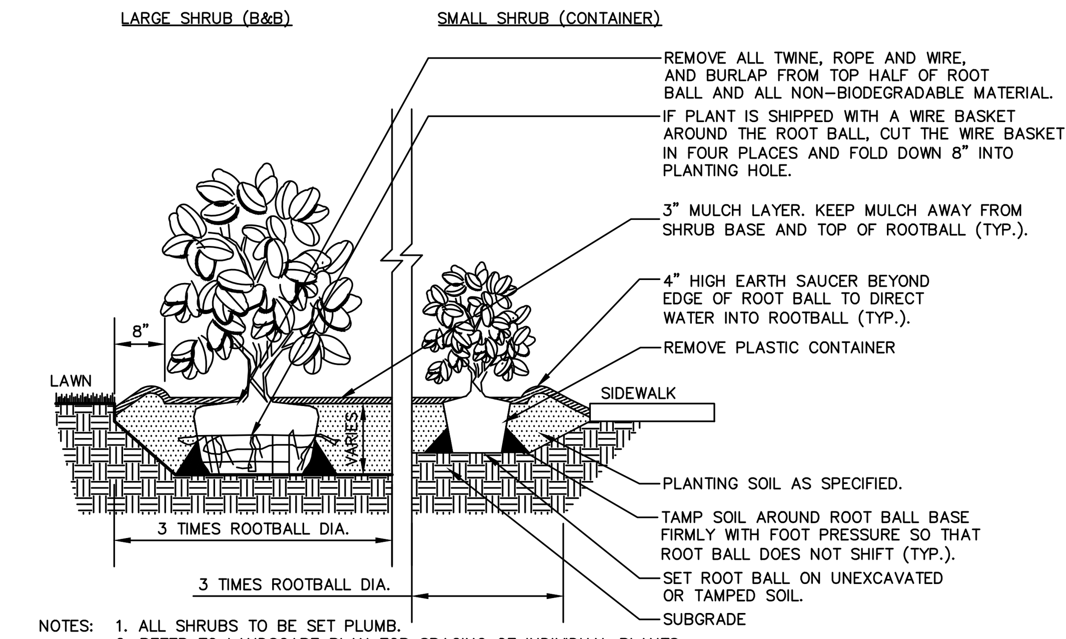
MEADOW SEED MIX NOTES

GENERAL SEEDING NOTES:

1. SEEDING SHALL TAKE PLACE IN THE SPRING (APRIL 1 TO JUNE 15) OR THE FALL (SEPTEMBER 1 TO OCTOBER 15).
2. ELIMINATE UNWANTED VEGETATION PRIOR TO SEEDING USING A GLYPHOSATE-BASED HERBICIDE PER MANUFACTURER'S SPECIFICATIONS. CONTRACTOR TO ENSURE HERBICIDE IS INDICATED FOR USE AROUND WATER BODIES.
3. IT IS RECOMMENDED THAT CONTRACTOR INSTALL SEED MIXTURE USING A NO-TILL TRUAX-TYPE DRILL WHERE APPLICABLE.
4. THERE MUST BE CONTINUOUS SOIL MOISTURE FOR 4-6 WEEKS TO ALLOW PROPER GERMINATION.

WEED CONTROL / MAINTENANCE

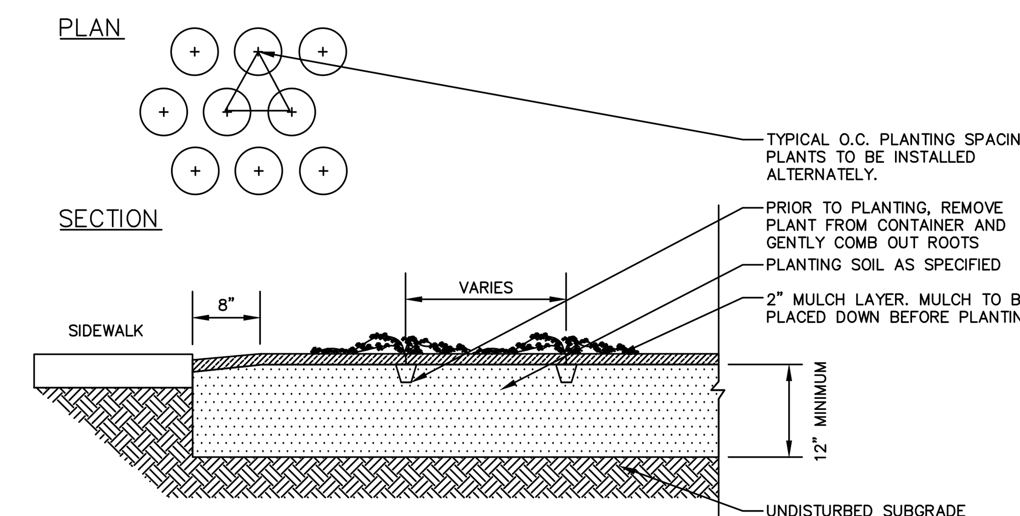
1. DURING THE ESTABLISHMENT YEAR, CONTRACTOR SHALL MOW SEEDING IF WEED HEIGHT EXCEEDS MEADOW MIX HEIGHT. MOW AT A HEIGHT OF 8"-10". DO NOT MOW CLOSE, AS SOME OF THE MEADOW MIX MAY BE DAMAGED.
2. AFTER THE FIRST GROWING SEASON, AND IF MEADOW MIX IS WELL ESTABLISHED, THE MEADOW MIX SHALL BE MOWED ONLY ONCE ANNUALLY. ANNUAL MAINTENANCE MOWING SHALL BE DONE IN LATE WINTER DURING THE MONTH OF MARCH.
3. MOW IN DETENTION BASIN AND WETLAND TRANSITION AREAS DURING DRIER SITE CONDITIONS WHEN SOIL DISTURBANCE WILL NOT OCCUR. MAINTENANCE FOR DETENTION BASIN AND WETLAND TRANSITION AREAS SHALL OCCUR DURING LATE SUMMER (JULY 15 – AUGUST 15) WHEN THE WATER TABLE IS USUALLY AT ITS LOWEST POINT OF THE YEAR. DO NOT MOW IN DETENTION BASIN, WETLAND OR WETLAND TRANSITION AREAS AFTER ESTABLISHMENT OF MEADOW MIX.
4. IN THE EVENT THAT INVASIVE SPECIES ARE PRESENT AFTER THE ESTABLISHMENT PERIOD, MEADOW AREAS ARE TO BE TRIMMED TO A HEIGHT OF 8". ANY TRIMMING SHOULD CEASE BY MID-SEPTEMBER.



NOTES:
1. ALL SHRUBS TO BE SET PLUMB.
2. REFER TO LANDSCAPE PLAN FOR SPACING OF INDIVIDUAL PLANTS.
3. REMOVE ALL WIRE, PLASTIC, TAGS OR SYNTHETIC MATERIAL FROM PLANTS PRIOR TO PLANTING.

3 SHRUB AND ORNAMENTAL GRASS PLANTING

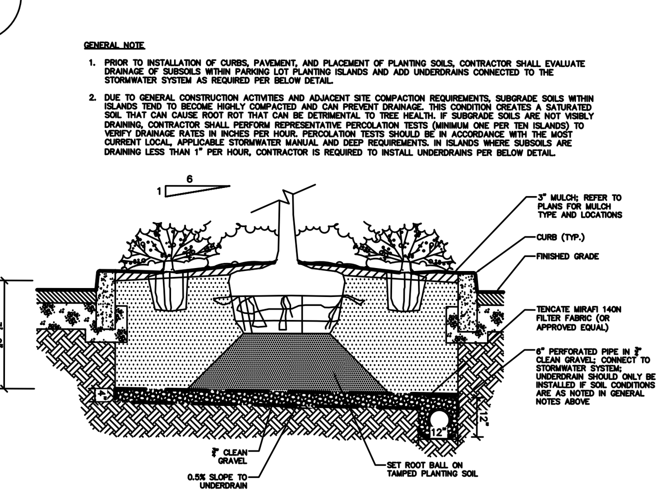
NTS



NOTES:
1. PLANTS ARE TO BE SPACED EQUIDISTANT FROM EACH OTHER.
2. REFER TO PLAN AND SCHEDULE FOR SPACING OF INDIVIDUAL PLANTS.
3. REMOVE ALL WIRE, PLASTIC, TAGS OR SYNTHETIC MATERIAL FROM PLANTS PRIOR TO PLANTING.

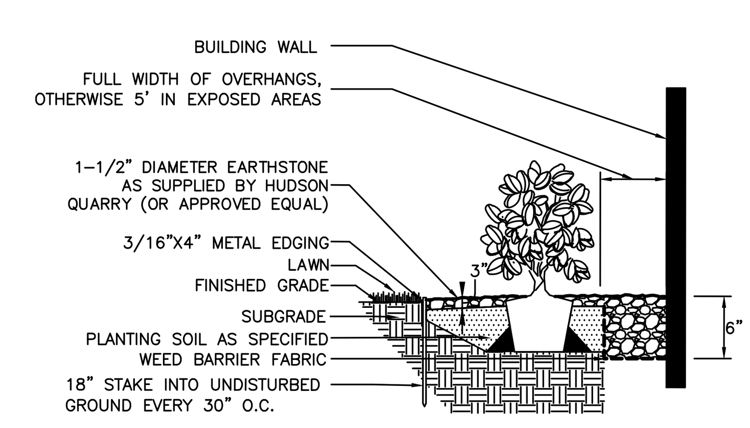
4 GROUNDCOVER/ PERENNIAL PLANTING

NTS



5 PARKING LOT ISLAND PLANTING

NTS



NOTES:
1. LANDSCAPE STEEL EDGE IS REQUIRED BETWEEN RIVERSTONE AND LAWN.
2. DO NOT INSTALL STEEL EDGE BETWEEN PLANTING AREA AND CONCRETE.
3. RIVERSTONE TO BE INSTALLED ON BUS STOP PLANTING ISLAND, WHERE PLANTINGS OR LAWN MEET BUILDING WALLS, AND UNDER BUILDING OVERHANGS WHERE SHOWN ON THE LANDSCAPE PLANS.

6 DECORATIVE RIVERSTONE

NTS

DECORATIVE STONE MULCH NOTES

1. LANDSCAPED AREAS BETWEEN THE BUILDING AND THE PARKING LOT CURB SHALL BE MULCHED WITH 3/4" DECORATIVE RIVERSTONE.
2. DECORATIVE STONE MULCH DEPTH AT PLANTINGS SHALL BE 3" DEPTH WITH WEED BLOCK FABRIC BENEATH.
3. REFER TO PLANS FOR EXACT LOCATIONS.

WETLAND RESTORATION NOTES

250-FOOT SHORELAND RESTORATION AREA
1. SHORELAND RESTORATION AREA TO BE SEEDED PER LP SERIES. REFER TO LP501 FOR MEADOW SEED MIX.
2. ONLY ORGANIC HERBICIDE IS TO BE USED IN SHORELAND RESTORATION AREA. SEED TO BE INSTALLED USING A TRUAX-TYPE DRILL SEEDER.
3. SHRUBS TO BE LOCATED INTERMITTENTLY THROUGHOUT SHORELAND RESTORATION AREA. SPECIES INCLUDE SHADBUSH, WITHEROD, NANNYBERRY, MAPLE LEAF VIBURNUM, AND JUNIPER. 1 GAL. SHRUBS TO BE PLANTED 4-6' O.C. AT TIME OF PLANTING; FINAL LOCATIONS AND QUANTITIES TO BE REVIEWED BY PROJECT WETLAND SCIENTIST AND PROJECT LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

UPLAND RESTORATION AREA
1. UPLAND RESTORATION AREA TO BE SEEDED PER LP SERIES. REFER TO LP501 FOR MEADOW SEED MIX.
2. SEED TO BE INSTALLED USING A TRUAX-TYPE DRILL SEEDER.
3. ALL EXISTING VEGETATION AND SAND TRAPS ARE TO REMAIN.
4. SHRUBS TO LOCATED INTERMITTENTLY ADJACENT TO SAND TRAPS AND EXISTING VEGETATION. 1 GAL. SHRUBS TO BE PLANTED AT 4-6' O.C.; SPECIES INCLUDE: JUNIPER, LOW BUSH BLUEBERRY, CHOKEBERRY, GRAY DOGWOOD, SWEET FERN, BEAKED HAZELNUT, WITCHHAZEL, RASPBERRY, AND BLACKBERRY. FINAL LOCATIONS AND QUANTITIES TO BE REVIEWED BY PROJECT WETLAND SCIENTIST AND PROJECT LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

50' WETLAND BUFFER AREA
1. UPLAND RESTORATION AREA TO BE SEEDED PER LP SERIES. REFER TO LP501 FOR MEADOW SEED MIX.
2. LIMITS OF 50' BUFFER AREA ARE APPROXIMATE AND ARE GENERALLY INTENDED TO FOLLOW 50' WETLAND BUFFER WHERE GRASS CURRENTLY EXISTS. EXISTING TREE LINE IS TO REMAIN TO GREATEST EXTENT PRACTICABLE.
3. SOIL WITHIN 25' OF WETLAND SHOULD NOT BE DISTURBED WITH SEEDING. SHRUBS ARE ACCEPTABLE WITHIN ALL AREAS OF 50' WETLAND BUFFER AREA AND SHOULD BE PLANTED IN CLUMPS OF 4 OR 5. FINAL LOCATIONS AND QUANTITIES TO BE REVIEWED BY PROJECT WETLAND SCIENTIST AND PROJECT LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. ACCEPTABLE SPECIES INCLUDE HIGHBUSH BLUEBERRY, PEPPERBUSH, SILKY OR RED OSIER DOGWOOD, SPECKLED ALDER, AND WINTERBERRY.

LANGAN

Project No. 151010101

Date	Description	No.
09/14/20	AOT COMMENT RESPONSE	3

Revisions

MICHAEL SZURA 152 STATE OF NEW HAMPSHIRE LICENSED LANDSCAPE ARCHITECT

MICHAEL SZURA
LICENSED LANDSCAPE ARCHITECT
STATE LIC. NO. 152

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Project
HUDSON LOGISTICS CENTER
MAP No. 239, LOT No. 1
HUDSON
HILLSBOROUGH NEW HAMPSHIRE

Drawing Title
LANDSCAPE NOTES AND DETAILS

Project No. 151010101
Date 12/01/2020
Drawn By KK
Checked By MH
Drawing No. LP501

FOR PERMITTING ONLY, NOT FOR CONSTRUCTION

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CAUTION: IF THIS SHEET IS NOT 30"x42" IT IS A REDUCED PRINT

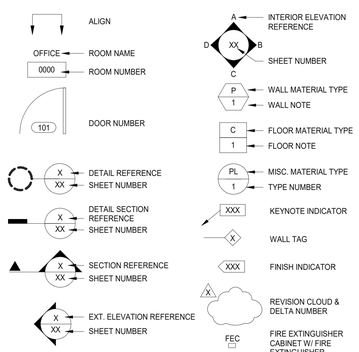
PROJECT HLC LOT A

LOWELL ROAD
MAP 239, LOT 1
TOWN OF HUDSON COUNTY
NEW HAMPSHIRE 03051

ABBREVIATIONS

#	POUND or NUMBER
&	AND
(E)	EXISTING
@	AT
~	DIAMETER or ROUND
Ø	DIAMETER
℄	CENTERLINE
∠	ANGLE
A.D.	AREA DRAIN
ACOUS.	ACOUSTICAL
ADJ.	ADJUST, ADJUSTABLE or ADJACENT
AGGR.	AGGREGATE
AL.	ALUMINUM
APPROX.	APPROXIMATE(LY)
ARCH.	ARCHITECTURAL
ASB.	ASBESTOS
ASPH.	ASPHALT
B.O.C.	BOTTOM OF CONCRETE
B.O.M.	BOTTOM OF MULLION
B.O.P.	BOTTOM OF PANEL
B.O.R.	BOTTOM OF REVEAL
BD.	BOARD
BITUM.	BITUMINOUS
BLDG.	BUILDING
BLK.	BLOCK
BLKG.	BLOCKING
BM.	BEAM
BOT.	BOTTOM
C.B.	CATCH BASIN
C.G.	CORNER GUARD
C.I.	CAST IRON
C.O.	CASED OPENING
C.O.M.	CENTER OF MULLION
C.O.R.	CENTER OF REVEAL
CAB.	CABINET
CEM.	CEMENT(ITIOUS)
CER.	CERAMIC
CLG.	CEILING
CLKG.	CAULKING
CLO.	CLOSET
CLR.	CLEAR
CNTR.	COUNTER
COL.	COLUMN
CONC.	CONCRETE
CONN.	CONNECTION
CONSTR.	CONSTRUCTION
CONT.	CONTINUOUS
CORR.	CORRIDOR
CTR.	CENTER
CTSK.	COUNTER-SUNK
D.F.	DRINKING FOUNTAIN
D.O.	DOOR OPENING
D.S.	DOWNSPOUT
D.S.P.	DRY STANDPIPE
DBL.	DOUBLE
DEPT.	DEPARTMENT
DET.	DETAIL
DIA.	DIAMETER
DIM.	DIMENSION
DISP.	DISPENSER
DN.	DOWN
DR.	DOOR
DWG.	DRAWING
DWR.	DRAWER
E.	EAST
E.J.	EXPANSION JOINT
E.P.	ELECTRIC PANELBOARD
E.W.C.	ELECTRIC WATER COOLER
EA.	EACH
EL.	ELEVATION
ELEC.	ELECTRIC(AL)
ELEV.	ELEVATOR
EMER.	EMERGENCY
ENCL.	ENCLOSED or ENCLOSURE
EQ.	EQUAL
EQPT.	EQUIPMENT
EXP.	EXPANSION
EXPO.	EXPOSED
EXST.	EXISTING
EXT.	EXTERIOR
F.A.	FIRE ALARM
F.A.R.	FLOOR AREA RATIO
F.B.	FLAT BAR
F.D.	FLOOR DRAIN
F.E.	FIRE EXTINGUISHER
F.E.C.	FIRE EXTINGUISHER CABINET
F.E.H.	FIRE EXTINGUISHER WALL HUNG
F.H.C.	FIRE HOSE CABINET
F.O.C.	FACE OF CONCRETE
F.O.F.	FACE OF FINISH
F.O.M.	FACE OF MULLION
F.O.SH.	FACE OF SHEATHING
F.P.	FIREPROOF
F.S.	FULL SIZE
FDN.	FOUNDATION
FIN.	FINISH(ED)
FL.	FLOOR
FLASH.	FLASHING
FLUOR.	FLUORESCENT
FT.	FOOT or FEET
FTG.	FOOTING
FURR.	FURRING
FUT.	FUTURE
G.B.	GRAB BAR
G.F.I.	GROUND FAULT INTERRUPT
GA.	GAUGE
GALV.	GALVANIZED
GL.	GLASS
GND.	GROUND
GR.	GRADE
GYP.	GYPSUM
H.B.	HOSE BIBB
H.C.	HOLLOW CORE
H.M.	HOLLOW METAL
H.P.	HIGH POINT
H.V.	HIGH VOLTAGE
HDWD.	HARDWOOD
HDWE.	HARDWARE
HORIZ.	HORIZONTAL
HR.	HOUR
HT.	HEIGHT
I.D.	INSIDE DIMENSION
I.H.P.	INTERMEDIATE HIGH POINT
INSUL.	INSULATION or INSULATED
INT.	INTERIOR
J.B.	JUNCTION BOX
JAN.	JANITOR
JST.	JOIST
JT.	JOINT
K.O.	KNOCK-OUT
K.P.	KICK PLATE
K.W.H.	KILOWATT HOUR
KIT.	KITCHEN
L.P.	LOW POINT
L.S.	LIMESTONE
L.V.	LOW VOLTAGE
L.W.C.	LIGHT WEIGHT CONCRETE
LAB.	LABORATORY
LAM.	LAMINATE(D)
LAV.	LAVATORY
LIN.	LINEAR
LIQ.	LIQUID
LKR.	LOCKER
LT.	LIGHT
LTL.	LINTEL
LVR.	LOUVER
M.B.	MOP BASIN
M.C.	MEDICINE CABINET
M.O.	MASONRY OPENING
MAINT.	MAINTENANCE
MAN.	MANUAL
MAS.	MASONRY
MAX.	MAXIMUM
MECH.	MECHANICAL
MEMB.	MEMBRANE
MET.	METAL
MEZZ.	MEZZANINE
MFR.	MANUFACTURER
MH.	MANHOLE
MIN.	MINIMUM
MIR.	MIRROR
MISC.	MISCELLANEOUS
MTD.	MOUNTED
MUL.	MULLION
N.	NORTH
N.I.C.	NOT IN CONTRACT
N.R.C.	NOISE REDUCTION COEFFICIENT
N.T.S.	NOT TO SCALE
NO.	NUMBER
NOM.	NOMINAL
O.A.	OVERALL
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
O.F.	OUTSIDE FACE
O.H.	OVERHEAD or OPPOSITE HAND
OBS.	OBSCURE
OFF.	OFFICE
OPNG.	OPENING
OPP.	OPPOSITE
P.C.	PRECAST
P.J.	PANEL JOINT
P.LAM.	PLASTIC LAMINATE
P.S.F.	POUNDS PER SQUARE FOOT
P.T.D.	PAPER TOWEL DISPENSER
P.T.R.	PAPER TOWER RECEPTACLE
PL.	PLATE
PL.	PLATE
PLAS.	PLASTER
PLYWD.	PLYWOOD
POL.	POLISH(ED)
PR.	PAIR
PT.	POINT
Q.T.	QUARRY TILE
QUAL.	QUALITY
QUAN.	QUANTITY
R.	RISER
R.B.	RUBBER / RESILIENT BASE
R.C.P.	REFLECTED CEILING PLAN
R.D.	ROOF DRAIN
R.O.	ROUGH OPENING
R.O.W.	RIGHT OF WAY
R.T.U.	ROOF TOP UNIT
R.W.L.	RAIN WATER LEADER
RAD.	RADIUS
REF.	REFERENCE
REFR.	REFRIGERATOR
REINF.	REINFORCE(D)
REQ.	REQUIRED
RESIL.	RESILIENT
RGTR.	REGISTER
RM.	ROOM
RWD.	REDWOOD
S.	SOUTH
S.A.F.	SELF-ADHERED FLASHING
S.C.	SOLID CORE
S.C.D.	SEAT COVER DISPENSER
S.D.	SOAP DISPENSER
S.F.	SQUARE FOOT
S.I.	SQUARE INCH
S.N.D.	SANITARY NAPKIN DISPENSER
S.N.R.	SANITARY NAPKIN RECEPTACLE
S.S.	STAINLESS STEEL
S.SK.	SERVICE SINK
S.T.C.	SOUND TRANSMISSION COEFFICIENT
SCHED.	SCHEDULE
SCWD.	SOLID CORE WOOD
SECT.	SECTION
SH.	SHELF
SHR.	SHOWER
SHT.	SHEET
SIM.	SIMILAR
SPEC.	SPECIFIED or SPECIFICATION
SQ.	SQUARE
STA.	STATION
STD.	STANDARD
STL.	STEEL
STOR.	STORAGE
STRL.	STRUCTURE or STRUCTURAL
SUPP.	SUPPLEMENT or SUPPLEMENTARY
SUSP.	SUSPENDED
SYMM.	SYMMETRICAL
T&G	TONGUE AND GROOVE
T.	TREAD
T.B.	TOWEL BAR
T.C.	TOP OF CURB
T.D.	TRENCH DRAIN
T.O.C.	TOP OF CONCRETE
T.O.M.	TOP OF MULLION
T.O.P.	TOP OF PANEL
T.O.R.	TOP OF REVEAL
T.O.RECS.	TOP OF DEEP RECESS
T.O.S.	TOP OF STEEL
T.O.W.	TOP OF WALL
T.P.	TOP OF PAVEMENT
T.P.D.	TOILET PAPER DISPENSER
T.V.	TELEVISION
TEL.	TELEPHONE
TER.	TERRAZZO
THK.	THICK
TOL.	TOLERANCE
TYP.	TYPICAL
U.C.	UNDERCUT
U.H.	UNIT HEATER
U.L.	UNDERWRITERS' LABORATORIES
U.O.N.	UNLESS OTHERWISE NOTED
UNF.	UNFINISHED
UR.	URINAL
V.C.T.	VINYL COMPOSITE TILE
V.I.F.	VERIFY IN FIELD
V.P.	VISION PANEL
V.R.	VAPOR RETARDER
VAC.	VACUUM
VERT.	VERTICAL
VEST.	VESTIBULE
VIT.	VITREOUS
W.	WEST
W.C.	WATER CLOSET
W.I.	WROUGHT IRON
W.P.	WORKING POINT
W.S.	WEATHER STOP or STRIPPING
W.W.F.	WELDED WIRE FABRIC
W/	WITH
W/O	WITHOUT
WD.	WOOD
WPM	WATERPROOFING MEMBRANE
WRB	WEATHER / WATER RESISTIVE BARRIER
WSCT.	WAINSCOT
WT.	WEIGHT

SYMBOLS



INCORP. DESIGN BULLETIN LOG:

DESIGN BULLETIN:	ISSUE DATE	REMARK
DB-0001 - BUILDING SIGNAGE	MAY 24,2017	
DB-0003 - SMOKER CANOPY	JUNE 1, 2017	
DB-0004 - CONCRETE FLOOR POLISHED FINISH	AUG. 9,2017	
DB-0005 - "FULFILLMENT" WALL DECAL	AUG. 9,2017	
DB-0006 - EXTERIOR DOOR NUMBERING	AUG. 9,2017	
DB-0007 - SANITARY NAPKIN DISPENSER (WOMEN'S TOILET)	AUG. 9,2017	
DB-0014 - TV NICHE	NOV. 28, 2017	
DB-0015 - REVISED BMS SPEC	NOV. 28, 2017	
DB-0016 - RUNNING MAN	NOV. 28, 2017	
DB-0017 - MOTHERS ROOM REVISION	NOV. 28, 2017	
DB-0020 REV1.0 - TRUCK YARD REVISION	JAN. 18,2018	
DB-0021 - LOCKERS SCOPE CLARIFICATION	MAR. 1, 2018	
DB-0024 - ENERGY SPECS (SOLAR READY)	JAN. 29, 2018	
DB-0025 - REV LIGHTING STANDARDS	FEB. 12, 2018	
DB-0032 - GUARD SHACK WATER COOLER	FEB. 26, 2018	
DB-0033 - TRUCK YARD PERIMETER FENCE - BARBED WIRE	FEB. 26, 2018	
DB-0035 - RESTROOM ZERO SITELITE	MAR. 12, 2018	
DB-0040 - DOUBLE COLUMN GAP PROTECTION DETAIL	APR. 10, 2018	
DB-0042 REV1.0 - REMOVAL OF TURNSTILE AT WFS	MAY 31, 2018	
DB-0044 - RESTROOM TOILET PARTITIONS PRIVACY HARDWARE	JULY 25, 2018	
DB-0048 - IDF ADDITIONAL POWER	AUG. 15, 2018	
DB-0052 - RME MODULES REVISIONS	DEC. 4, 2018	
DB-0053 REV1.0 - PARKING LOT SAFETY IMPROVEMENTS	DEC. 4, 2018	
DB-0056 - UNDERNEATH SOLID DECK PLATFORMS LIGHTING STANDARD	FEB. 20, 2018	
DB-0058 - SOAP AND PAPER TOWEL DISPENSERS	FEB. 27, 2018	
DB-0059 - MAIN OFFICE BLOCK ACCESS CONTROL REMOVAL	MAR. 20, 2019	
DB-0060 - 3RD PARTY BASE BUILDING COMMISSIONING	APR. 1, 2019	
DB-0061 - IDF CABINET SECURITY	MAY. 17, 2019	
DB-0062 - OVERFLOW DRAIN AT FRONT CANNOPY	MAY. 17, 2019	
DB-0063 - SIGNAGE AND BRANDING COLOR CHANGE	MAY. 17, 2019	
DB-0064 - ENTRY, SECURITY AND OFFICE COLOR CHANGE	MAY. 17, 2019	
DB-0065 REV1.0 - REVISED FINISH SCHEDULE	AUG. 2+, 2019	
DB-0072 - FIRE ALARM PULL COVER	OCT. 21, 2019	
DB-0073 - MOTHERS ROOM CASEWORK	NOV. 5, 2019	
DB-0074 - OVERHEAD DOOR SECURITY REQUIREMENTS	NOV. 21, 2019	
DB-0075 - FIRST DAY TRAINIG ROOM-ACCESS CONTROL AND FLOOR PWR	NOV. 27, 2019	
DB-0076 - DUAL LANE TRUCK ENTRY AND AUTOMATIC LPR	DEC. 6, 2019	
DB-0078 - AM CARE DOOR HARDWARE	DEC. 12, 2019	
DB-0079 - BOON EDAM SPEED LANE - DETAIL AND SCOPE UPDATE	DEC. 17, 2019	
DB-0081 - MAIN SWITCHGEAR TORQUE SETTINGS AND IR WINDOW	JAN. 24, 2020	
DB-0088 - NAFC PAVEMENT DESIGN DESIGN CRITERIA AND GUIDELINES	MARCH 3, 2020	
DB-0089 - SECTION 11 1300 LOADING DOCK EQUIPMENT	MARCH 20, 2020	
DB-0092 - REVISED 087100 DOOR HARDWARE SPECIFICATIONS V4.3	APRIL 1, 2020	
DB-0093 - FC IT 2020 A.M.E. INFRASTRUCTURE GLOBAL STANDARDS V8.2	APRIL 3, 2020	
DB-0095 - UPDATE DOCK DOOR DETAIL	APRIL 29, 2020	
DB-0096 - TEMPLATE PUBLICATION - TNS 117K OB G+2 GEN 6.0, V1.0	APRIL 29, 2020	
DB-0097 - TIME CLOCK DIMENSION UPDATE	MAY. 12, 2020	
DB-0100 - TIME CLOCK ADDITION AT SCREENING	MAY. 15, 2020	
DB-0104 - SECTION 14 4551 - VRC - TNS	JUNE 1, 2020	
DB-0109 - BARRIERS AT SECURITY DESK	AUG 8, 2020	
DB-0111 - TNS 117K OB G+2 GEN 6.0 V1.2	AUG 27, 2020	
DB-0112 - BARRIERS AT RESTROOMS	SEP 10, 2020	

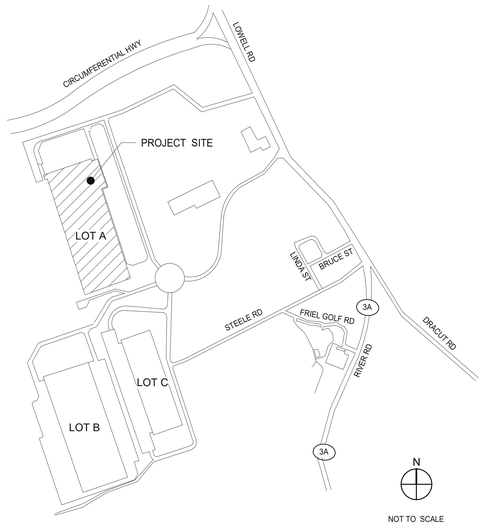
REVISION LOG:

DATE	REMARKS

DESIGN STANDARDS:

NAME	VERSION	DATE
BUILDING:		
TNS 117K G+2 GEN 6.0	**VERSION 1**	**03-26-2020**
DESIGN STANDARDS FOR SIGNAGE	**REVISION 13**	**12-05-2016**
DOOR HARDWARE SPECIFICATIONS	**V4.3**	**04-01-2020**
WWRE_DESIGN_STANDARDS Q4 2016_120516		
IT:		
IT INFRASTRUCTURE DESIGN - NORTH AMERICAN FULFILLMENT CENTERS	**V8.2**	**04-03-2020**
ELECTRICAL:		
DESIGN GUIDELINES SECURITY	**V3.0**	**10-01-2017**
LIGHTING STANDARD		**02-07-2018**
MATERIAL HANDLING COMPOSITE:		

VICINITY MAP



PROJECT TEAM

OWNER/DEVELOPER

HILLWOOD DEVELOPMENTS LLC

66E MAIN STREET, UNIT 3001 WESTMINSTER, MD 21157

HILLWOOD
A PEROT COMPANY®

ARCHITECT / APPLICANT

WARE MALCOMB

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Vaugan, Ontario, Canada L4K 5W4

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200 WEST COVINA, CA 91790

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RGERGES@HSAASSOCIATES.COM

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JORDAN & SKALA ENGINEERS
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STE 320, DALLAS TX, 75287

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HARRINGTON GROUP
3237 SATELLITE BOULEVARD,
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MATTHEW CONNOLLY
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MCONNOLLY@HGI-FIRE.COM

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CIVIL ENGINEER

LANGAN ENGINEERING
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BOSTON, MA, 02116

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T.B.D.

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LANGAN ENGINEERING
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GENERAL CONTRACTOR

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F 925.244.9621

PROJECT HLC LOT A
LOWELL ROAD
MAP 239, LOT 1
TOWN OF HUDSON COUNTY
NEW HAMPSHIRE 03051

TITLE SHEET

	DATE	REMARKS
A	2020-05-22	30% PROGRESS SET
B	2020-05-29	45% PROGRESS SET
C	2020-06-12	60% PROGRESS SET
D	2020-07-03	90% PROGRESS SET
E	2020-07-10	ISSUE FOR PERMIT
F	2020-07-31	100% TENDER SET
5	2020-09-23	SHP005 (DB111 V1.2 UPDATES)

PA/PM:	A. MORSY
DRAWN BY.:	V.C./ D.S.
JOB NO.:	SNR20-0052-00

SHEET
A0.1

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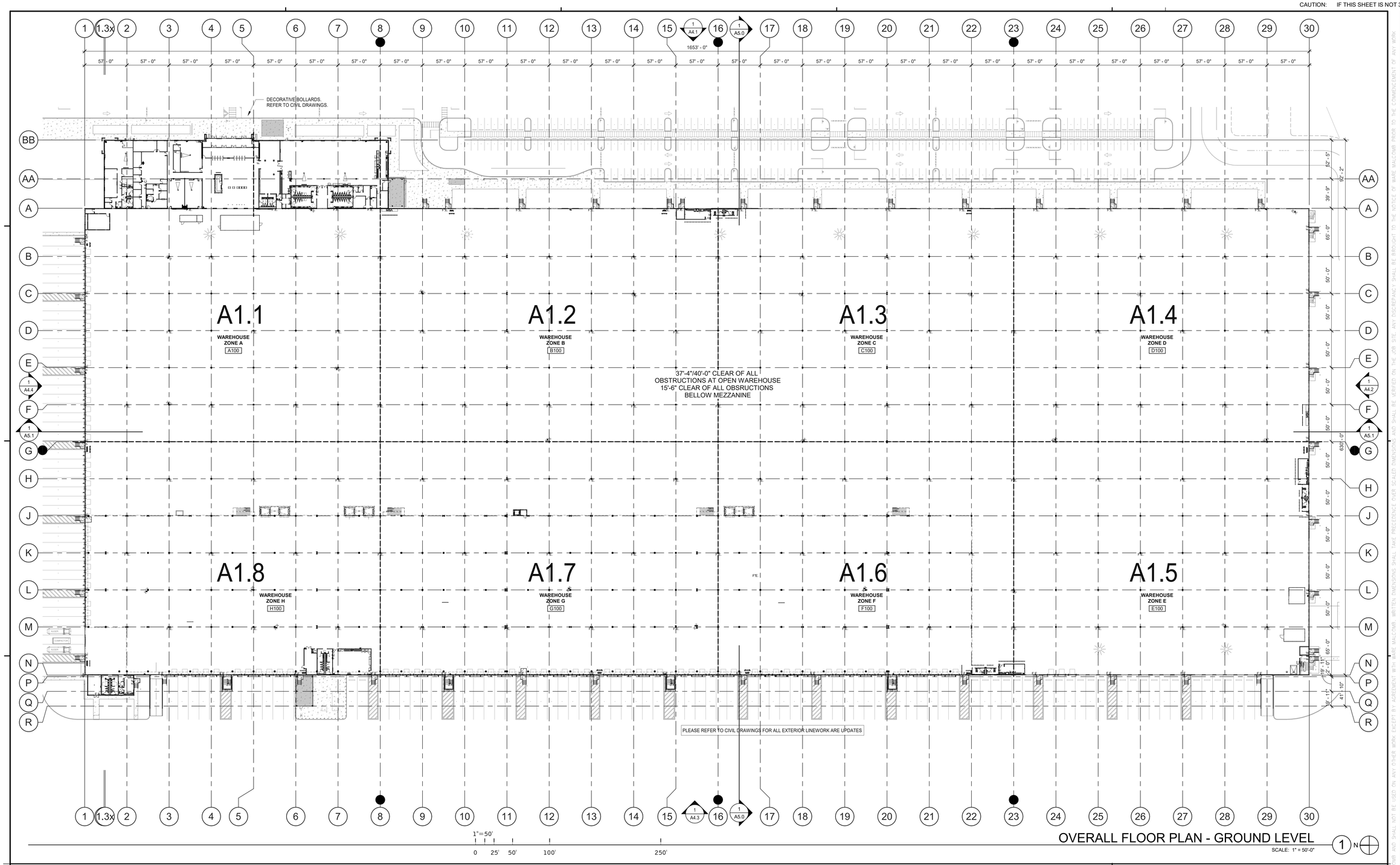


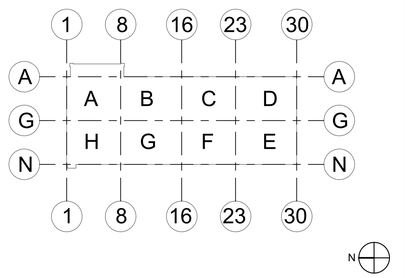
OVERALL FLOOR PLAN - GROUND LEVEL

SCALE: 1" = 50'-0"

GENERAL NOTES

SITE PLAN FOR REFERNCE ONLY. PLEASE REFER TO CIVIL CONSULTANT DRAWINGS.

KEY PLAN



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PROJECT HLC LOT A

LOWELL ROAD
MAP 239, LOT 1
TOWN OF HUDSON COUNTY
NEW HAMPSHIRE 03051

OVERALL FLOOR PLAN - GROUND LEVEL

	DATE	REMARKS
A	2020-05-22	30% PROGRESS SET
B	2020-05-29	45% PROGRESS SET
C	2020-06-12	60% PROGRESS SET
D	2020-07-13	90% PROGRESS SET
E	2020-07-10	ISSUE FOR PERMIT
F	2020-07-31	100% TENDER SET
5	2020-09-23	Site005 (DB111_V1.2 UPDATES)

PA/PM:	A. MORSY
DRAWN BY.:	V.C./ D.S.
JOB NO.:	SNR20-0052-00

SHEET

A1.0

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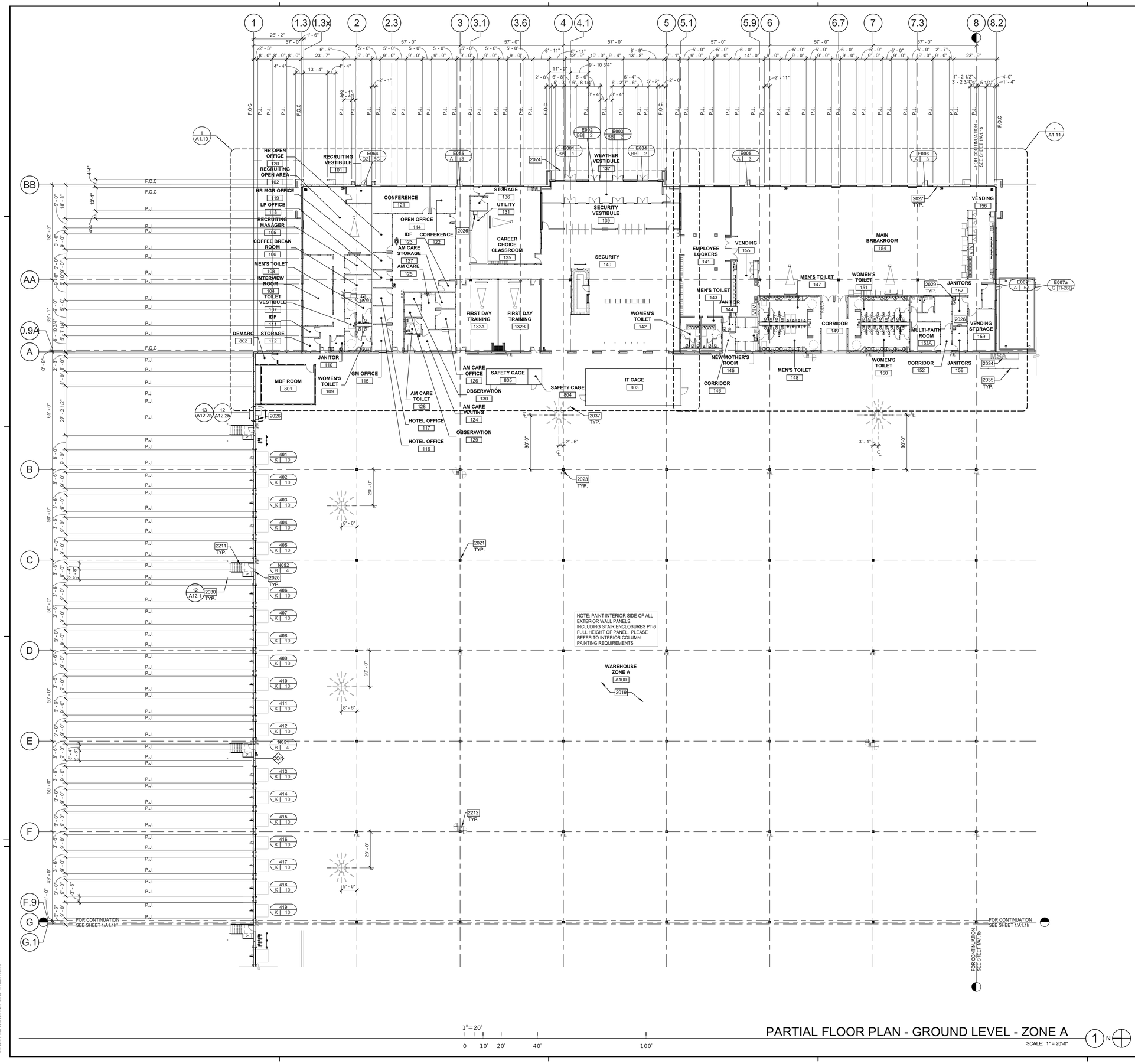


PARTIAL FLOOR PLAN - GROUND LEVEL - ZONE A

SCALE: 1" = 20'-0"

1"=20' 0 10' 20' 40' 100'

NOTES:

SEE SHEET A1.0a FOR FINISH SCHEDULE

2019 CONCRETE SLAB, SEE STRUCTURAL DRAWINGS.
2020 INSULATED PRECAST CONCRETE WALL PANEL.
2021 STRUCTURAL COLUMN, SEE STRUCTURAL DRAWINGS.
2023 FIRE EXTINGUISHER MOUNTED TO WALL OR COLUMN, PAINT 24" HIGH RED BAND ON COLUMN AT 20'-0" A.F.F.
2024 CANOPY LINE ABOVE.
2026 ROOF ACCESS LADDER.
2027 EXTERIOR CONCRETE WALLS TO BE FURRED.
2029 PROVIDE MOP SINK. SEE PLUMBING DRAWINGS.
2030 6" DIA. X 4'-0" HIGHT CONCRETE FILLED GALVINIZED STEEL PIPE BOLLARD, PAINTED SAFETY YELLOW.
2034 ELECTRICAL SWITCH GEAR/ EQUIPMENT, SEE ELECTRICAL DRAWINGS.
2035 CONCRETE-FILLED STEEL BOLLARDS W/STEEL CHANNEL GUARDS, PAINT SAFETY YELLOW.
2037 LINE OF 24'-0" DIA. "HIGH VOLUME LOW VELOCITY" (HVLV) FAN ABOVE. COORDINATE LOCATION WITH SPRINKLER HEADS AND TENANT'S MHE VENDOR.
2211 EXTERIOR STEEL STAIR, ALL COMPONENTS GALVANIZED.
2212 IDF CABINET, PROVIDE POWER CONNECTIONS. SEE TELECOM DRAWINGS FOR LOCATION AND DETAILS.

LEGEND

NOTE: SEE STRUCTURAL DRAWINGS FOR METAL WALL STUD TABLE TO SELECT APPROPRIATE WALL STUD SIZE GAUGE & SPACING FOR WALL HEIGHT.

F.E.C. PROVIDE SEMI-RECESSED FIRE EXTINGUISHER CABINET AND FIRE EXTINGUISHER BY LARSEN'S MANUFACTURING CO. CABINET TO BE ARCHITECTURAL SERIES VERTICAL DUO, STEEL WITH BAKED WHITE FINISH. EXTINGUISHER TO BE "MP10" 4A:80B:C. U.N.O. SEE

FE PROVIDE WALL-MOUNTED FIRE EXTINGUISHER, "MP10" BY LARSEN'S MANUFACTURING CO. 4A:80B:C, WITH WALL HANGING BRACKET & SIGN.

FEH PROVIDE 15.5LB HALOTRON WALL-MOUNTED FIRE EXTINGUISHER 2A:10B:C WITH BRACKET & SIGN.

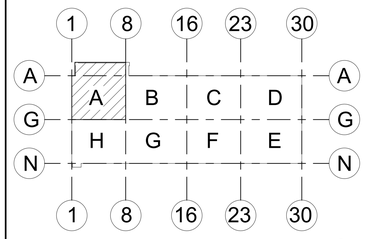
DOOR TAG - SEE DOOR SCHEDULE ON SHEETS A11 SERIES

WALL LEGEND

NOTE: PROVIDE VERTICAL DRYWALL EXPANSION JOINT AT 30' O.C. MAXIMUM

- CON — INSULATED PRECAST PANEL
- C4 A12.6 — CONCRETE WALL WITH FULL HEIGHT FURRING
- J A12.6a — CONCRETE WALL WITH PARTIAL HEIGHT FURRING
- B4 A12.6a, B3 A12.6, B2 A12.6, B1 A12.6, C6 A12.6, C2 A12.6, C1 A12.6 — CONCRETE WALL WITH 6" ABOVE OF CEILING FURRING
- CONCRETE MASONRY WALL
- P A12.6a, H A12.6a — 1HR RATED CONSTRUCTION
- G2 A12.6, D4 A12.6, D3 A12.6, D2 A12.6, D1 A12.6 — FULL HEIGHT NON-RATED PARTITION TO STRUCTURE
- R1 A12.6a, R A12.6a, F1 A12.6 — PARTIAL PARTITION. SEE WALL TAGS FOR HEIGHT INFORMATION
- G5 A12.6, E3 A12.6, E1 A12.6 — PARTITION TO 6" ABOVE CEILING
- G7 A12.6a, G3 A12.6 — PLUMBING CHASE WALL TO 6" ABOVE CEILING
- G6 A12.6, G4 A12.6, G1 A12.6 — PARTITION TO UNDERSIDE OF CEILING
- S A12.6a — LOW PARTITION

KEY PLAN



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PROJECT HLC LOT A
LOWELL ROAD
MAP 239, LOT 1
TOWN OF HUDSON COUNTY
NEW HAMPSHIRE 03051

PARTIAL FLOOR PLAN - GROUND LEVEL - ZONE A

	DATE	REMARKS
A	2020-05-22	30% PROGRESS SET
B	2020-05-29	45% PROGRESS SET
C	2020-06-12	60% PROGRESS SET
D	2020-06-26	90% PROGRESS SET
E	2020-07-10	ISSUE FOR PERMIT
F	2020-07-31	100% TENDER SET
2	2020-08-26	SHW02 (HARGIS HARDWARE COMMENTS)
4	2020-09-23	SHW04 (R1411, A1.7, FP1, FP2A)

PA/PM:	A. MORSY
DRAWN BY.:	V.C./ D.S.
JOB NO.:	SNR20-0052-00

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A1.1

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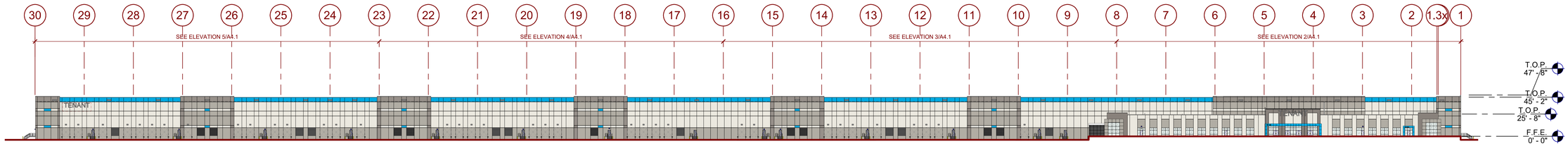
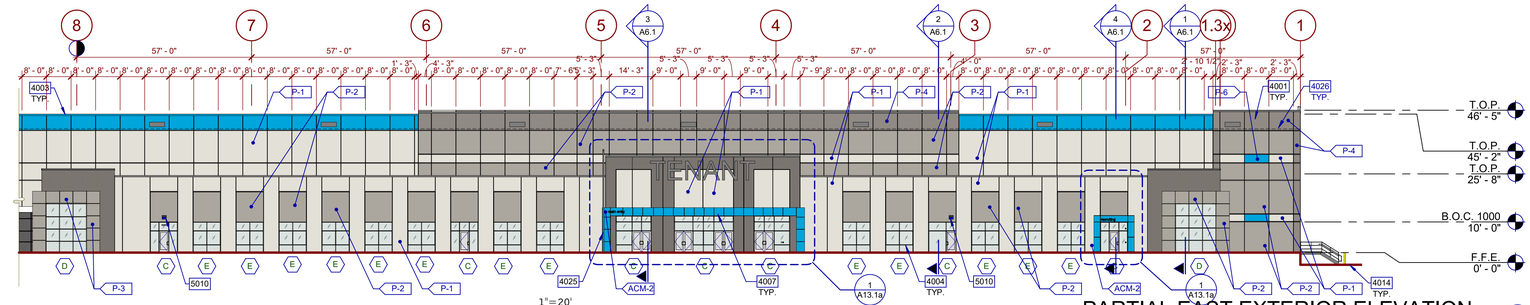


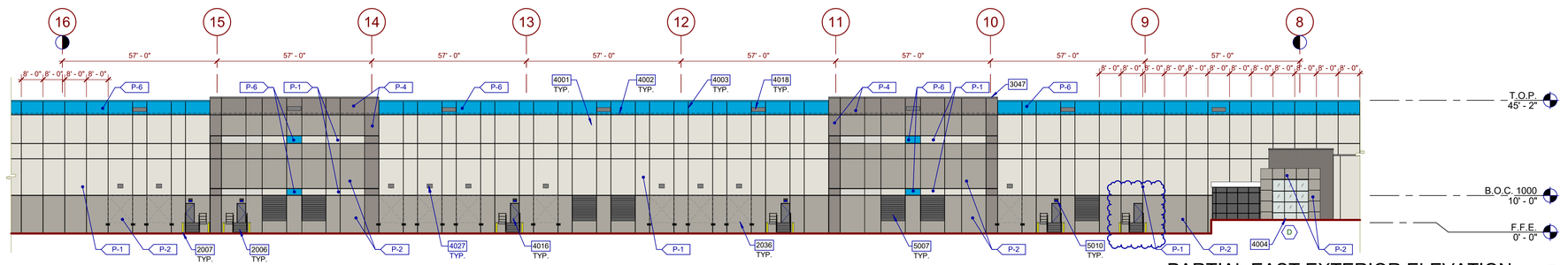
OVERALL EAST EXTERIOR ELEVATION (1)

SCALE: 1" = 50'-0"



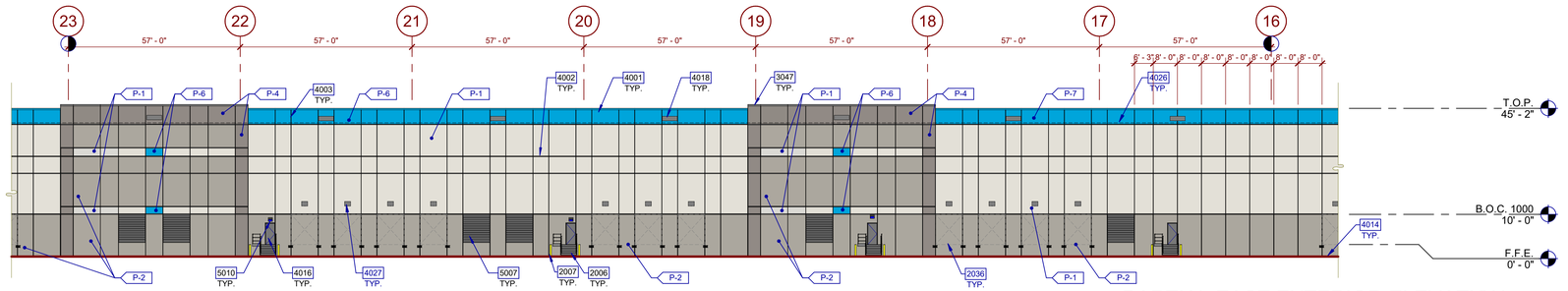
PARTIAL EAST EXTERIOR ELEVATION (2)

SCALE: 1" = 20'-0"



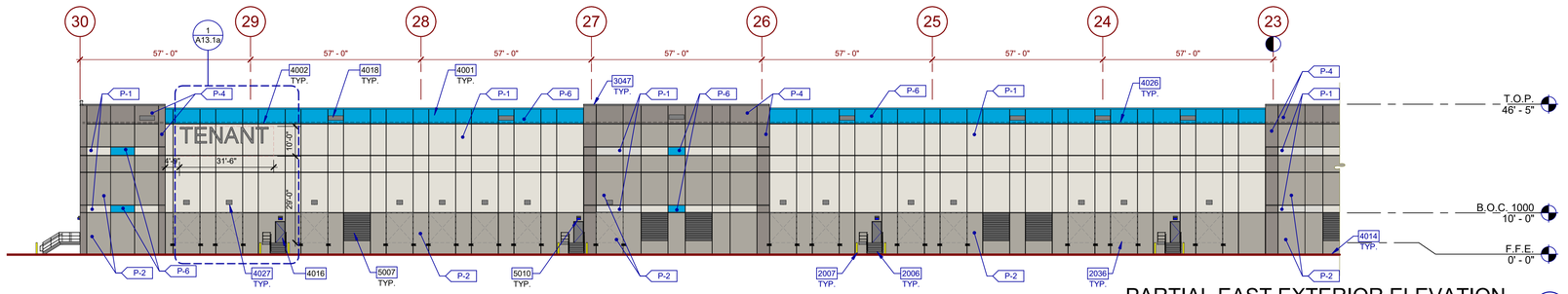
PARTIAL EAST EXTERIOR ELEVATION (3)

SCALE: 1" = 20'-0"



PARTIAL EAST EXTERIOR ELEVATION (4)

SCALE: 1" = 20'-0"



PARTIAL EAST EXTERIOR ELEVATION (5)

SCALE: 1" = 20'-0"

NOTES

SEE SHEET A1.0a FOR FINISH SCHEDULE

2006	EXTERIOR STEEL STAIR, ALL COMPONENTS GALVANIZED AND PAINTED.
2007	6" DIAMETER CONCRETE FILLED GALVANIZED STEEL PIPE BOLLARD, PRIME PAINTED WITH SAFETY YELLOW PLASTIC SLEEVES, 7' LONG WITH 3' EMBEDMENT INTO CONCRETE FOOTING.
2036	KNOCK-OUT PANEL FOR FUTURE WINDOWS OR DOORS.
3047	PREFINISHED METAL COPING (24 GA.) OR FASCIA EDGE FLASHING (2 GA.).
4001	INSULATED PRECAST WALL PANEL W/ REVEALS - TEXTURED COATING.
4002	3" WIDE x 1/2" DEEP REVEAL.
4003	CONCRETE WALL JOINT.
4004	ALUMINUM STOREFRONT SYSTEM WITH 1" INSULATED GLASS.
4007	STEEL FRAME ENTRY CANOPY WITH PREFINISHED COMPOSITE ALUMINUM PANEL FASCIA AND CEILING SYSTEM.
4014	FINISH GRADE VARIES.
4016	PAINTED HOLLOW METAL DOOR AND FRAME.
4018	THRU-WALL DRAINAGE / OVERFLOW SCUPPER.
4025	40'-0" H. ALUMINUM FLAG POLE WITH CONCRETE BASE. G.C. SHALL PROVIDE GROUND MOUNTED LIGHT FIXTURE AT EACH POLE.
4026	LINE OF ROOF BEYOND.
4027	DOOR SIGNAGE.
5007	PREFINISHED MOTORIZED ALUMINUM LOUVER. PROVIDE INTERIOR BIRD SCREEN FROM SILL TO 10'-0" A.F.F.
5010	EMERGENCY EGRESS LIGHT CENTERED ABOVE DOOR AT 9'-0" A.F.F.

LEGEND

GLASS:

VISION GLASS: 1" INSULATING GLAZING WITH "LOW-E" OUTBOARD LITEE: GUARDIAN CRYSTAL GRAY W/ SUNGUARD SUPERNEUTRAL 62/67 ON #2 SURFACE. INBOARD LITE: CLEAR

SPANDREL GLASS: AS PER VISION W/ ICD HIGH PERFORMANCE 3-0770 WARM GRAY COATING ON #4 SURFACE.

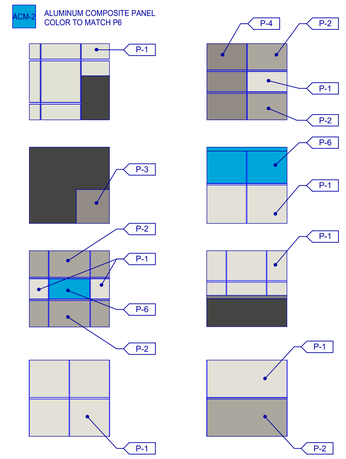
TEMPERED GLASS: 1" INSULATING GLAZING WITH "LOW-E" OUTBOARD LITEE: GUARDIAN CRYSTAL GRAY W/ SUNGUARD SUPERNEUTRAL 62/67 ON #2 SURFACE. INBOARD LITE: CLEAR

DESIGN CRITERIA FOR ALL GLASS USED ON THE ENVELOPE OF THE BUILDING:
U FACTOR = 0.29, VT = .44, AND SHGC = 0.22
GLASS WIND LOAD RESISTANCE CALCULATIONS ARE UNDER SEPARATE PERMIT.

COLORS:

PROVIDE 6'-0" WIDE PAINT COLOR MOCK-UP FULL HEIGHT OF BUILDING FOR OWNER/ARCHITECT REVIEW.

P-1	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS SW 7646 "FIRST STAR" RGB 218-217-212
P-2	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS SW 7016 "MINDFUL GRAY" RGB 188-183-173
P-3	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS SW 7016 "DORIAN GRAY" RGB 172-167-158
P-4	TEXTURED ACRYLIC COATING MATCH COLOR SW #7018 "DOVETAIL" RGB 144-138-131
P-5	TEXTURED ACRYLIC COATING MATCH COLOR #9174 "MOTH WING" RGB 160-144-127
P-6	TEXTURED ACRYLIC COATING MATCH PANTONE COLOR #2995C RGB 0-169-224 CMYK 83-1-0-0
P-8	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #7069 "IRON ORE" RGB 67-67-65
ACM-2	ALUMINUM COMPOSITE PANEL COLOR TO MATCH P6



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PROJECT HLC LOT A
LOWELL ROAD
MAP 239, LOT 1
TOWN OF HUDSON COUNTY
NEW HAMPSHIRE 03051

EXTERIOR ELEVATIONS

	DATE	REMARKS
C	2020-06-12	60% PROGRESS SET
D	2020-07-03	90% PROGRESS SET
E	2020-07-10	ISSUE FOR PERMIT
F	2020-08-13	100% PERMIT SET
1	2020-08-26	SI#001 (ELEVATION COLOURS & P.PANELS)
4	2020-09-02	SI#004 (RVL UPDATE/COORDINATION)
5	2020-09-23	SI#005 (DB11, V1.2 UPDATES)
6	2020-11-13	SI#006 (RFI #23 EXTERIOR DOORS)

PA/PM:	A. MORSY
DRAWN BY.:	V.C./ D.S.
JOB NO.:	SNR20-0052-00

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A4.1

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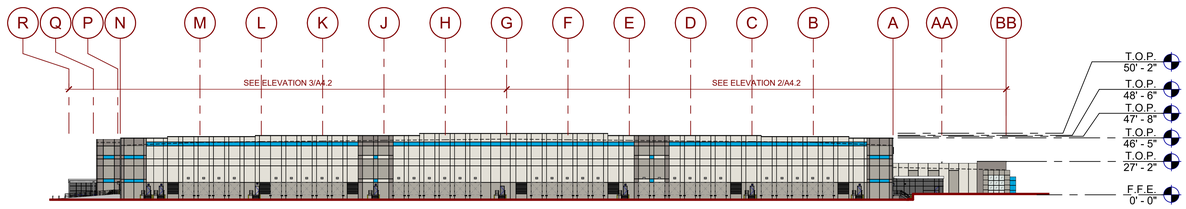
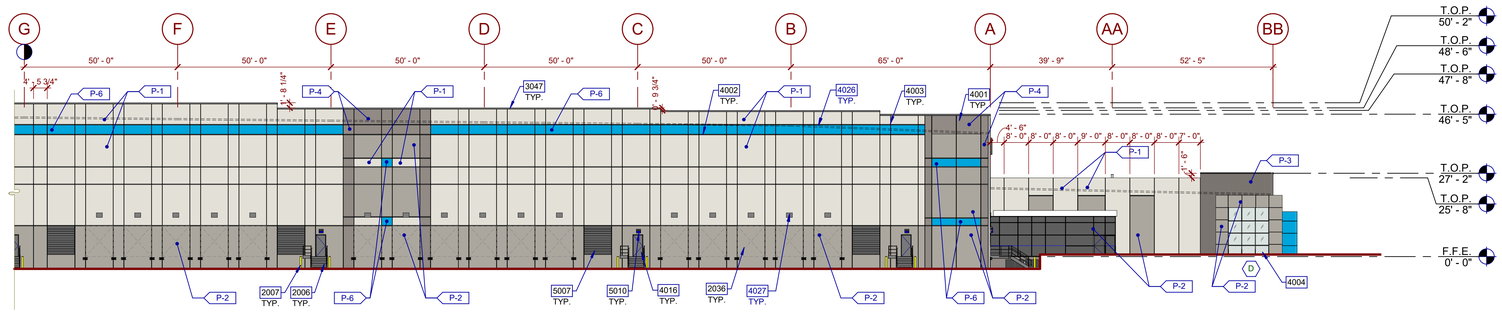


1"=50'
0 25' 50' 100' 250'

OVERALL SOUTH EXTERIOR ELEVATION 1

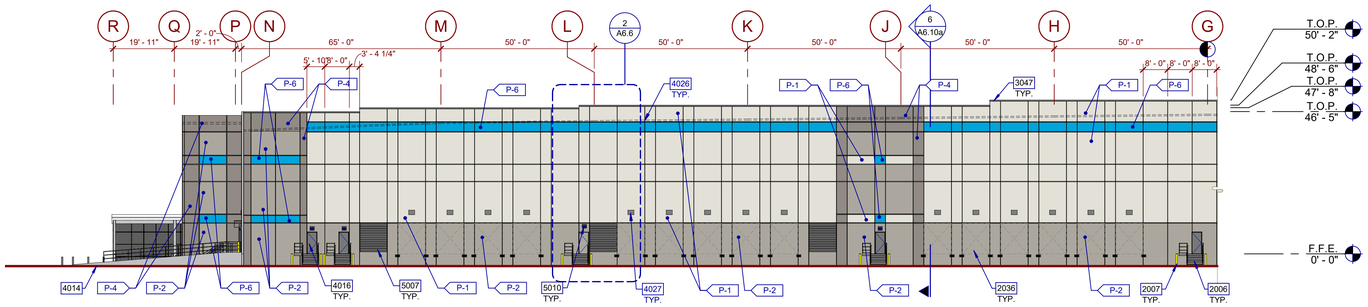
SCALE: 1" = 50'-0"



1"=20'
0 10' 20' 40' 100'

PARTIAL SOUTH EXTERIOR ELEVATION 2

SCALE: 1" = 20'-0"



PARTIAL SOUTH EXTERIOR ELEVATION 3

SCALE: 1" = 20'-0"

LEGEND

GLASS:

VISION GLASS: 1" INSULATING GLAZING WITH "LOW-E" OUTBOARD LITE: GUARDIAN CRYSTAL GRAY W/ SUNGUARD SUPERNEUTRAL 62/67 ON #2 SURFACE. INBOARD LITE: CLEAR

SPANDREL GLASS: AS PER VISION W/ ICD HIGH PERFORMANCE 3-0770 WARM GRAY COATING ON #4 SURFACE.

TEMPERED GLASS: 1" INSULATING GLAZING WITH "LOW-E" OUTBOARD LITE: GUARDIAN CRYSTAL GRAY W/ SUNGUARD SUPERNEUTRAL 62/67 ON #2 SURFACE. INBOARD LITE: CLEAR

ALL GLASS USED ON THE ENVELOPE OF THE BUILDING TO BE:
U FACTOR = 0.28 AND SHGC = 0.28
GLASS WIND LOAD RESISTANCE CALCULATIONS ARE UNDER SEPARATE PERMIT

COLORS:

PROVIDE 6'-0" WIDE PAINT COLOR MOCK-UP FULL HEIGHT OF BUILDING FOR OWNER/ARCHITECT REVIEW.

P-1 TEXTURED ACRYLIC COATING
SHERWIN WILLIAMS SW 7646 "FIRST STAR"
RGB 218-217-212

P-2 TEXTURED ACRYLIC COATING
SHERWIN WILLIAMS SW 7016 "MINDFUL GRAY"
RGB 188-183-173

P-3 TEXTURED ACRYLIC COATING
SHERWIN WILLIAMS SW 7016 "DORIAN GRAY"
RGB 172-167-158

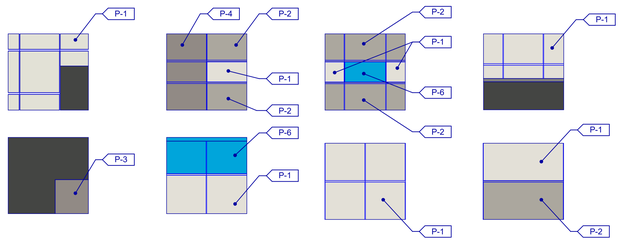
P-4 TEXTURED ACRYLIC COATING
MATCH COLOR SW #7018 "DOVETAIL"
RGB 144-138-131

P-5 TEXTURED ACRYLIC COATING
MATCH COLOR #9174 "MOTH WING"
RGB 160-144-127

P-6 TEXTURED ACRYLIC COATING
MATCH PANTONE COLOR #2995C
RGB 0-169-224
CMYK 83-1-0-0

P-8 TEXTURED ACRYLIC COATING
SHERWIN WILLIAMS
MATCH COLOR SW #7069 "IRON ORE"
RGB 67-67-65

ACM-1 ALUMINUM COMPOSITE PANEL
COLOR TO MATCH P6



NOTES

SEE SHEET A1.0a FOR FINISH SCHEDULE

2006 EXTERIOR STEEL STAIR, ALL COMPONENTS GALVANIZED AND PAINTED.
2007 6" DIAMETER CONCRETE FILLED GALVANIZED STEEL PIPE BOLLARD, PRIME PAINTED WITH SAFETY YELLOW PLASTIC SLEEVES, 7' LONG WITH 3' EMBEDMENT INTO CONCRETE FOOTING.
2036 KNOCK-OUT PANEL FOR FUTURE WINDOWS OR DOORS.
3047 PREFINISHED METAL COPING (24 GA.) OR FASCIA EDGE FLASHING (2 GA.).
4001 INSULATED PRECAST WALL PANEL W/ REVEALS - TEXTURED COATING.
4002 3" WIDE x 1/2" DEEP REVEAL.
4003 CONCRETE WALL JOINT.
4004 ALUMINUM STOREFRONT SYSTEM WITH 1" INSULATED GLASS.
4014 FINISH GRADE VARIES.
4016 PAINTED HOLLOW METAL DOOR AND FRAME.
4026 LINE OF ROOF BEYOND.
4027 DOOR SIGNAGE.
5007 PREFINISHED MOTORIZED ALUMINUM LOUVER. PROVIDE INTERIOR BIRD SCREEN FROM SILL TO 10'-0" A.F.F.
5010 EMERGENCY EGRESS LIGHT CENTERED ABOVE DOOR AT 9'-0" A.F.F.

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PROJECT HLC LOT A
LOWELL ROAD
MAP 239, LOT 1
TOWN OF HUDSON COUNTY
NEW HAMPSHIRE 03051

EXTERIOR ELEVATIONS

	DATE	REMARKS
A	2020-05-22	30% PROGRESS SET
B	2020-05-29	45% PROGRESS SET
C	2020-06-12	60% PROGRESS SET
D	2020-06-26	80% PROGRESS SET
E	2020-07-10	ISSUE FOR PERMIT
F	2020-07-31	100% TENDER SET
1	2020-08-26	SI#001 (ELEVATION COLOURS & P.PANEL(S))
5	2020-09-23	SI#003 (PB41 & V-2 UPDATES)

PA/PM:	A. MORSY
DRAWN BY.:	V.C./ D.S.
JOB NO.:	SNR20-0052-00

SHEET
A4.2

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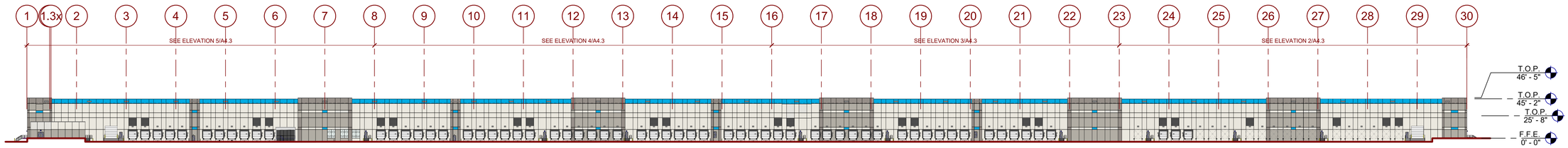
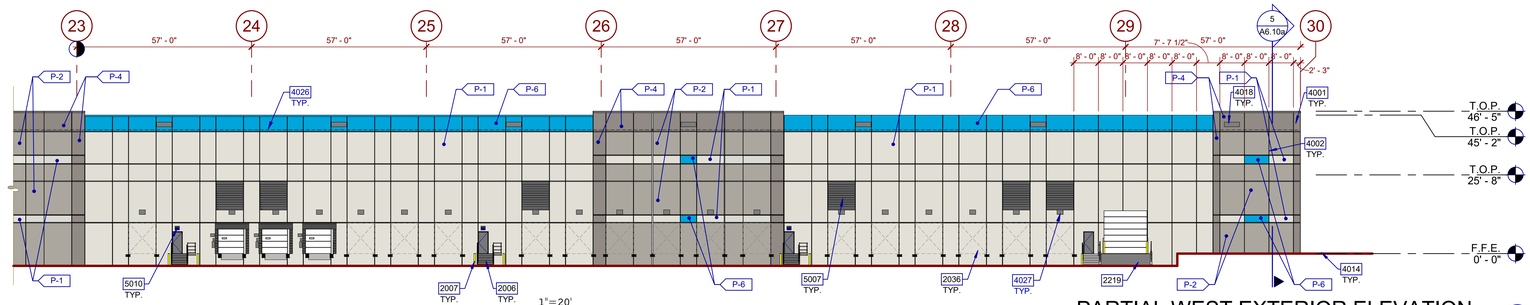


1"=50'
0 25' 50' 100' 250'

OVERALL WEST EXTERIOR ELEVATION (1)

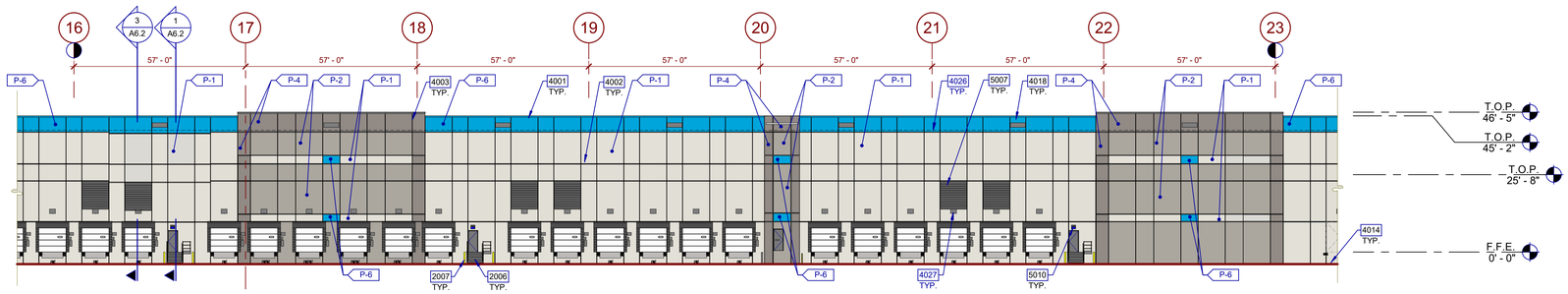
SCALE: 1" = 50'-0"



1"=20'
0 10' 20' 40' 100'

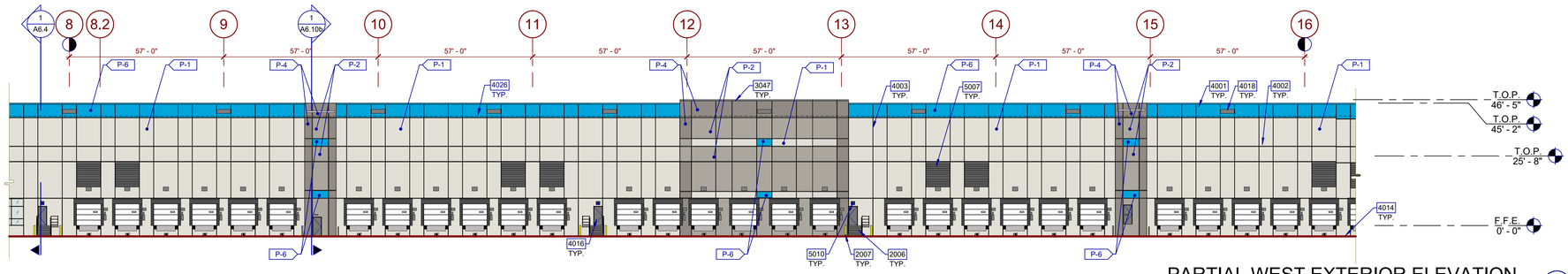
PARTIAL WEST EXTERIOR ELEVATION (2)

SCALE: 1" = 20'-0"



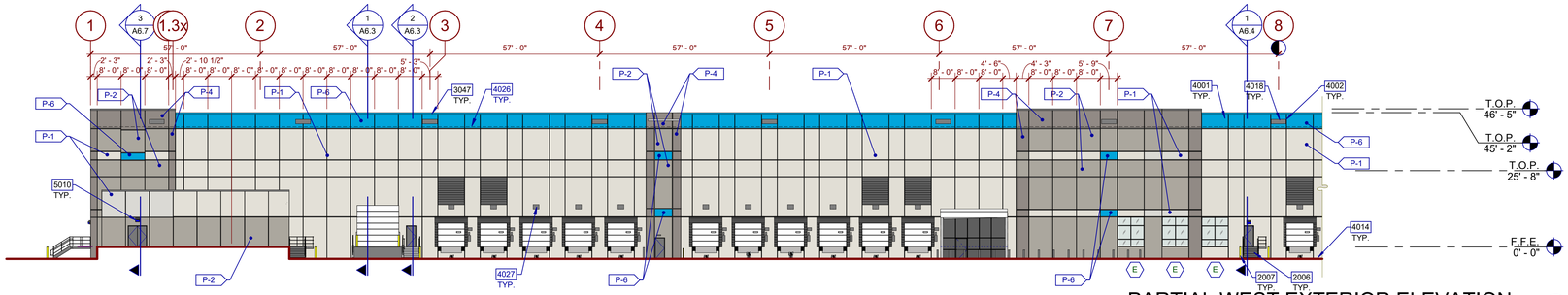
PARTIAL WEST EXTERIOR ELEVATION (3)

SCALE: 1" = 20'-0"



PARTIAL WEST EXTERIOR ELEVATION (4)

SCALE: 1" = 20'-0"



PARTIAL WEST EXTERIOR ELEVATION (5)

SCALE: 1" = 20'-0"

NOTES

SEE SHEET A1.0a FOR FINISH SCHEDULE

2006	EXTERIOR STEEL STAIR, ALL COMPONENTS GALVANIZED AND PAINTED.
2007	6" DIAMETER CONCRETE FILLED GALVANIZED STEEL PIPE BOLLARD, PRIME PAINTED WITH SAFETY YELLOW PLASTIC SLEEVES, 7' LONG WITH 3' EMBEDMENT INTO CONCRETE FOOTING.
2036	KNOCK-OUT PANEL FOR FUTURE WINDOWS OR DOORS.
2219	CONCRETE RAMPA, RETAINING WALLS AND STAIRS WITH PAINTED METAL GUARDRAIL.
3047	PREFINISHED METAL COPING (24 GA.) OR FASCIA EDGE FLASHING (2 GA.).
4001	INSULATED PRECAST WALL PANEL W/ REVEALS - TEXTURED COATING.
4002	3" WIDE x 1/2" DEEP REVEAL.
4003	CONCRETE WALL JOINT.
4014	FINISH GRADE VARIES.
4016	PAINTED HOLLOW METAL DOOR AND FRAME.
4018	THRU-WALL DRAINAGE / OVERFLOW SCUPPER.
4026	LINE OF ROOF BEYOND.
4027	DOOR SIGNAGE.
5007	PREFINISHED MOTORIZED ALUMINUM LOUVER. PROVIDE INTERIOR BIRD SCREEN FROM SILL TO 10'-0" A.F.F.
5010	EMERGENCY EGRESS LIGHT CENTERED ABOVE DOOR AT 9'-0" A.F.F.

LEGEND

GLASS:

VISION GLASS: 1" INSULATING GLAZING WITH "LOW-E" OUTBOARD LITE: GUARDIAN CRYSTAL GRAY W/ SUNGUARD SUPERNEUTRAL 62/67 ON #2 SURFACE. INBOARD LITE: CLEAR

SPANDREL GLASS: AS PER VISION W/ ICD HIGH PERFORMANCE 3-0770 WARM GRAY COATING ON #4 SURFACE.

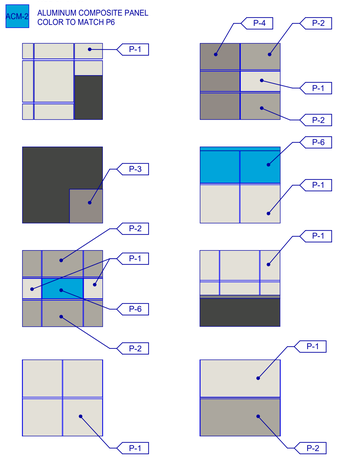
TEMPERED GLASS: 1" INSULATING GLAZING WITH "LOW-E" OUTBOARD LITE: GUARDIAN CRYSTAL GRAY W/ SUNGUARD SUPERNEUTRAL 62/67 ON #2 SURFACE. INBOARD LITE: CLEAR

DESIGN CRITERIA FOR ALL GLASS USED ON THE ENVELOPE OF THE BUILDING:
U FACTOR = 0.29, VT = 44, AND SHGC = 0.22
GLASS WIND LOAD RESISTANCE CALCULATIONS ARE UNDER SEPARATE PERMIT.

COLORS:

PROVIDE 6'-0" WIDE PAINT COLOR MOCK-UP FULL HEIGHT OF BUILDING FOR OWNER/ARCHITECT REVIEW.

P-1	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS SW 7646 "FIRST STAR" RGB 218-217-212
P-2	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS SW 7016 "MINDFUL GRAY" RGB 188-183-173
P-3	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS SW 7016 "DORIAN GRAY" RGB 172-167-158
P-4	TEXTURED ACRYLIC COATING MATCH COLOR SW #7018 "DOVETAIL" RGB 144-138-131
P-5	TEXTURED ACRYLIC COATING MATCH COLOR #9174 "MOTH WING" RGB 160-144-127
P-6	TEXTURED ACRYLIC COATING MATCH PANTONE COLOR #2995C RGB 0-169-224 CMYK 83-1-0-0
P-8	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #7069 "IRON ORE" RGB 67-67-65
ACM-2	ALUMINUM COMPOSITE PANEL COLOR TO MATCH P6



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PROJECT HLC LOT A
LOWELL ROAD
MAP 239, LOT 1
TOWN OF HUDSON COUNTY
NEW HAMPSHIRE 03051

EXTERIOR ELEVATIONS

	DATE	REMARKS
B	2020-05-29	45% PROGRESS SET
C	2020-06-12	60% PROGRESS SET
D	2020-07-03	90% PROGRESS SET
E	2020-07-10	100% TENDER SET
F	2020-07-31	100% TENDER SET
1	2020-08-26	SI#001 (ELEVATION COLOURS & 8" PANELS)
4	2020-09-02	SI#004 (RVIL UPDATE/COORDINATION)
5	2020-09-23	SI#005 (RFI#11, V.O.#13 UPDATES)

PA/PM:	A. MORSY
DRAWN BY.:	V.C./ D.S.
JOB NO.:	SNR20-0052-00

SHEET
A4.3

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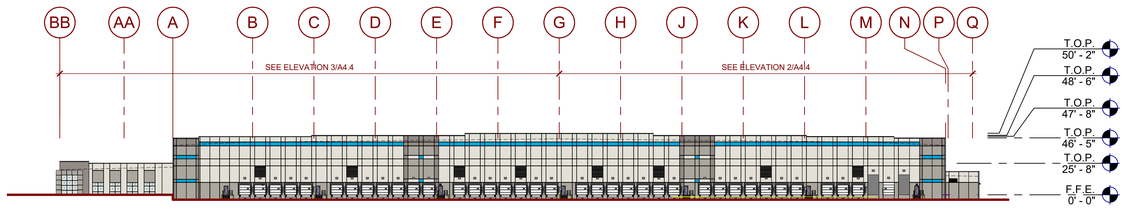
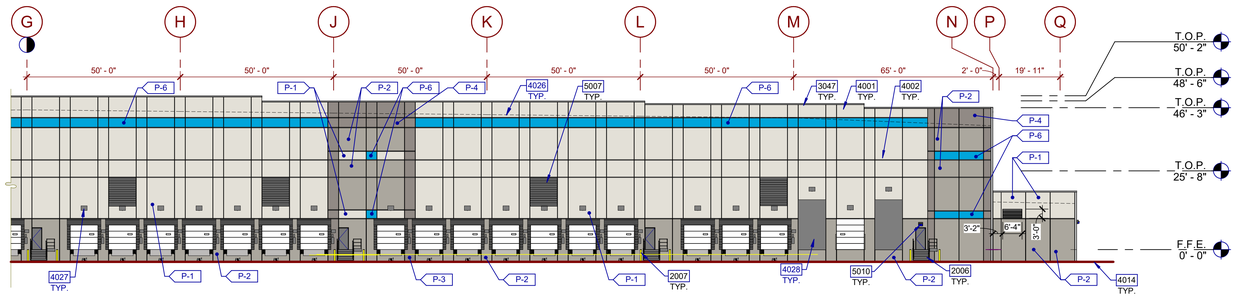


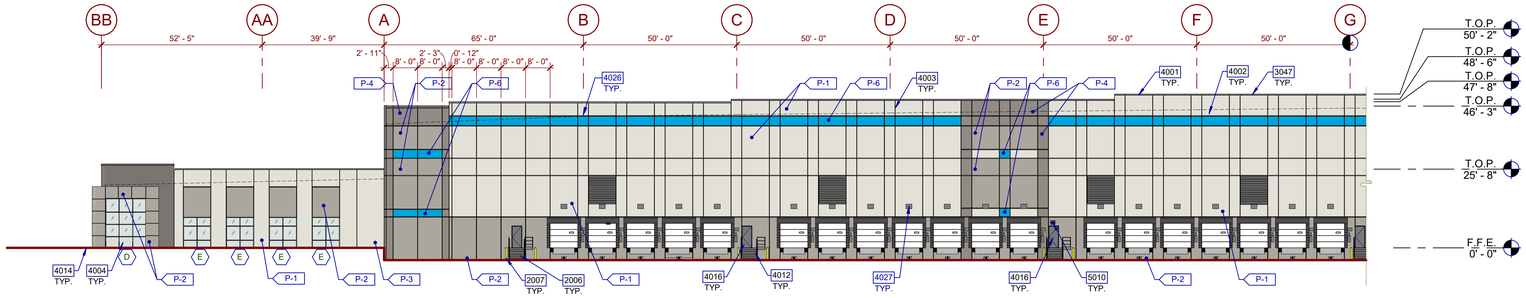
OVERALL NORTH ELEVATION (1)

SCALE: 1" = 50'-0"



PARTIAL NORTH EXTERIOR ELEVATION (2)

SCALE: 1" = 20'-0"



PARTIAL NORTH EXTERIOR ELEVATION (3)

SCALE: 1" = 20'-0"

LEGEND

GLASS:

- VISION GLASS: 1" INSULATING GLAZING WITH "LOW-E" OUTBOARD LITEE: GUARDIAN CRYSTAL GRAY W/ SUNGUARD SUPERNEUTRAL 62/67 ON #2 SURFACE. INBOARD LITE: CLEAR
- SPANDREL GLASS: AS PER VISION W/ ICD HIGH PERFORMANCE 3-0770 WARM GRAY COATING ON #4 SURFACE.
- TEMPERED GLASS: 1" INSULATING GLAZING WITH "LOW-E" OUTBOARD LITEE: GUARDIAN CRYSTAL GRAY W/ SUNGUARD SUPERNEUTRAL 62/67 ON #2 SURFACE. INBOARD LITE: CLEAR

ALL GLASS USED ON THE ENVELOPE OF THE BUILDING TO BE:
U FACTOR = 0.28 AND SHGC = 0.28
GLASS WIND LOAD RESISTANCE CALCULATIONS ARE UNDER SEPARATE PERMIT

COLORS:

PROVIDE 6'-0" WIDE PAINT COLOR MOCK-UP FULL HEIGHT OF BUILDING FOR OWNER/ARCHITECT REVIEW.

- P-1: TEXTURED ACRYLIC COATING SHERWIN WILLIAMS SW 7646 "FIRST STAR" RGB 218-217-212
- P-2: TEXTURED ACRYLIC COATING SHERWIN WILLIAMS SW 7016 "MINDFUL GRAY" RGB 188-183-173
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- P-4: TEXTURED ACRYLIC COATING MATCH COLOR SW #7018 "DOVETAIL" RGB 144-138-131
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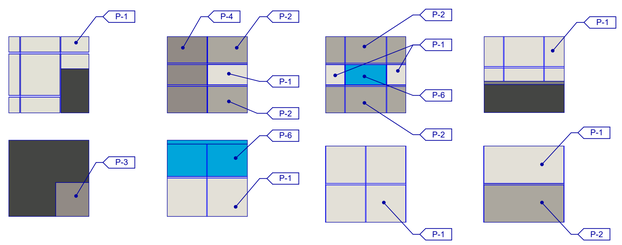
- P-6: TEXTURED ACRYLIC COATING MATCH PANTONE COLOR #2995C RGB 0-169-224 CMYK 83-1-0-0
- P-8: TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #7069 "IRON ORE" RGB 67-67-65
- ACM-2: ALUMINUM COMPOSITE PANEL COLOR TO MATCH P6



NOTES

SEE SHEET A1.0a FOR FINISH SCHEDULE

2006	EXTERIOR STEEL STAIR, ALL COMPONENTS GALVANIZED AND PAINTED.
2007	6" DIAMETER CONCRETE FILLED GALVANIZED STEEL PIPE BOLLARD. PRIME PAINTED WITH SAFETY YELLOW PLASTIC SLEEVES, 7' LONG WITH 3' EMBEDMENT INTO CONCRETE FOOTING.
3047	PREFINISHED METAL COPING (24 GA.) OR FASCIA EDGE FLASHING (2 GA.).
4001	INSULATED PRECAST WALL PANEL W/ REVEALS + TEXTURED COATING.
4002	3" WIDE x 1/2" DEEP REVEAL.
4003	CONCRETE WALL JOINT.
4004	ALUMINUM STOREFRONT SYSTEM WITH 1" INSULATED GLASS.
4012	STAIR AND RAILING. SEE DETAIL X & X/AX.X.
4014	FINISH GRADE VARIES.
4016	PAINTED HOLLOW METAL DOOR AND FRAME.
4026	LINE OF ROOF BEYOND.
4027	DOOR SIGNAGE.
4028	AUGER OPENING.
5007	PREFINISHED MOTORIZED ALUMINUM LOUVER. PROVIDE INTERIOR BIRD SCREEN FROM SILL TO 10'-0" A.F.F.
5010	EMERGENCY EGRESS LIGHT CENTERED ABOVE DOOR AT 9'-0" A.F.F.

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PROJECT HLC LOT A
LOWELL ROAD
MAP 239, LOT 1
TOWN OF HUDSON COUNTY
NEW HAMPSHIRE 03051

EXTERIOR ELEVATIONS

	DATE	REMARKS
A	2020-05-22	30% PROGRESS SET
B	2020-05-29	45% PROGRESS SET
C	2020-06-12	60% PROGRESS SET
D	2020-07-03	90% PROGRESS SET
E	2020-07-10	ISSUE FOR PERMIT
F	2020-07-31	100% TENDER SET
1	2020-08-26	SI#001 (ELEVATION COLOURS & 8" PANELS)
5	2020-09-23	SI#003 (PB411 V.V.3 UPDATES)

PA/PM:	A. MORSY
DRAWN BY.:	V.C./ D.S.
JOB NO.:	SNR20-0052-00

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A4.4

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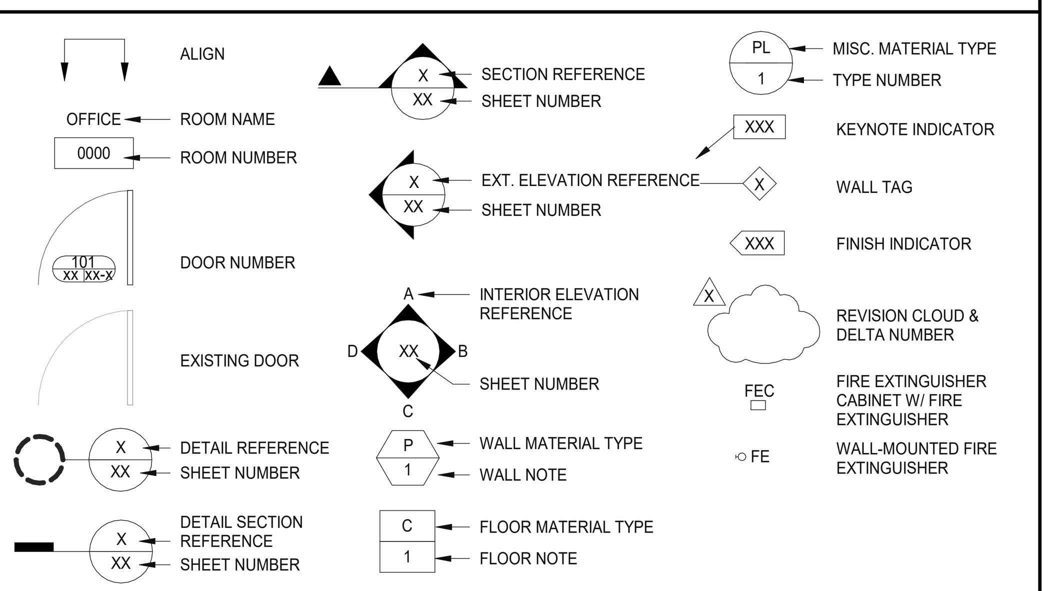
PROJECT HLC LOT B

LOWELL ROAD
MAP 239,LOT 1
TOWN OF HUDSON, HILLSBOROUGH COUNTY, NEW HAMPSHIRE

ABBREVIATIONS

#	POUND or NUMBER
&	AND
(E)	EXISTING
@	AT
~	DIAMETER or ROUND
Ø	DIAMETER
℄	CENTERLINE
∠	ANGLE
A.D.	AREA DRAIN
ACOUS.	ACOUSTICAL
ADJ.	ADJUST, ADJUSTABLE or ADJACENT
AGGR.	AGGREGATE
AL.	ALUMINUM
APPROX.	APPROXIMATE(LY)
ARCH.	ARCHITECTURAL
ASB.	ASBESTOS
ASPH.	ASPHALT
B.O.C.	BOTTOM OF CONCRETE
B.O.M.	BOTTOM OF MULLION
B.O.P.	BOTTOM OF PANEL
B.O.R.	BOTTOM OF REVEAL
BD.	BOARD
BITUM.	BITUMINOUS
BLDG.	BUILDING
BLK.	BLOCK
BLKG.	BLOCKING
BM.	BEAM
BOT.	BOTTOM
C.B.	CATCH BASIN
C.G.	CORNER GUARD
C.I.	CAST IRON
C.O.	CASED OPENING
C.O.M.	CENTER OF MULLION
C.O.R.	CENTER OF REVEAL
CAB.	CABINET
CEM.	CEMENT(ITIOUS)
CER.	CERAMIC
CLG.	CEILING
CLKG.	CAULKING
CLO.	CLOSET
CLR.	CLEAR
CNTR.	COUNTER
COL.	COLUMN
CONC.	CONCRETE
CONN.	CONNECTION
CONSTR.	CONSTRUCTION
CONT.	CONTINUOUS
CORR.	CORRIDOR
CTR.	CENTER
CTSK.	COUNTER-SUNK
D.F.	DRINKING FOUNTAIN
D.O.	DOOR OPENING
D.S.	DOWNSPOUT
D.S.P.	DRY STANDPIPE
DBL.	DOUBLE
DEPT.	DEPARTMENT
DET.	DETAIL
DIA.	DIAMETER
DIM.	DIMENSION
DISP.	DISPENSER
DN.	DOWN
DR.	DOOR
DWG.	DRAWING
DWR.	DRAWER
E.	EAST
E.J.	EXPANSION JOINT
E.P.	ELECTRIC PANELBOARD
E.W.C.	ELECTRIC WATER COOLER
EA.	EACH
EL.	ELEVATION
ELEC.	ELECTRIC(AL)
ELEV.	ELEVATOR
EMER.	EMERGENCY
ENCL.	ENCLOSED or ENCLOSURE
EQ.	EQUAL
EQPT.	EQUIPMENT
EXP.	EXPANSION
EXPO.	EXPOSED
EXST.	EXISTING
EXT.	EXTERIOR
F.A.	FIRE ALARM
F.A.R.	FLOOR AREA RATIO
F.B.	FLAT BAR
F.D.	FLOOR DRAIN
F.E.	FIRE EXTINGUISHER
F.E.C.	FIRE EXTINGUISHER CABINET
F.E.H.	FIRE EXTINGUISHER WALL HUNG
F.H.C.	FIRE HOSE CABINET
F.O.C.	FACE OF CONCRETE
F.O.F.	FACE OF FINISH
F.O.M.	FACE OF MULLION
F.O.SH.	FACE OF SHEATHING
F.P.	FIREPROOF
F.S.	FULL SIZE
FDN.	FOUNDATION
FIN.	FINISH(ED)
FL.	FLOOR
FLASH.	FLASHING
FLUOR.	FLUORESCENT
FT.	FOOT or FEET
FTG.	FOOTING
FURR.	FURRING
FUT.	FUTURE
G.B.	GRAB BAR
G.F.I.	GROUND FAULT INTERRUPT
GA.	GAUGE
GALV.	GALVANIZED
GL.	GLASS
GND.	GROUND
GR.	GRADE
GYP.	GYPSUM
H.B.	HOSE BIBB
H.C.	HOLLOW CORE
H.M.	HOLLOW METAL
H.P.	HIGH POINT
H.V.	HIGH VOLTAGE
HDWD.	HARDWOOD
HDWE.	HARDWARE
HORIZ.	HORIZONTAL
HR.	HOUR
HT.	HEIGHT
I.D.	INSIDE DIMENSION
I.H.P.	INTERMEDIATE HIGH POINT
INSUL.	INSULATION or INSULATED
INT.	INTERIOR
J.B.	JUNCTION BOX
JAN.	JANITOR
JST.	JOIST
JT.	JOINT
K.O.	KNOCK-OUT
K.P.	KICK PLATE
K.W.H.	KILOWATT HOUR
KIT.	KITCHEN
L.P.	LOW POINT
L.S.	LIMESTONE
L.V.	LOW VOLTAGE
L.W.C.	LIGHT WEIGHT CONCRETE
LAB.	LABORATORY
LAM.	LAMINATE(D)
LAV.	LAVATORY
LIN.	LINEAR
LIQ.	LIQUID
LKR.	LOCKER
LT.	LIGHT
LTL.	LINTEL
LVR.	LOUVER
M.B.	MOP BASIN
M.C.	MEDICINE CABINET
M.O.	MASONRY OPENING
MAINT.	MAINTENANCE
MAN.	MANUAL
MAS.	MASONRY
MAX.	MAXIMUM
MECH.	MECHANICAL
MEMB.	MEMBRANE
MET.	METAL
MEZZ.	MEZZANINE
MFR.	MANUFACTURER
MH.	MANHOLE
MIN.	MINIMUM
MIR.	MIRROR
MISC.	MISCELLANEOUS
MTD.	MOUNTED
MUL.	MULLION
N.	NORTH
N.I.C.	NOT IN CONTRACT
N.R.C.	NOISE REDUCTION COEFFICIENT
N.T.S.	NOT TO SCALE
NO.	NUMBER
NOM.	NOMINAL
O.A.	OVERALL
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
O.F.	OUTSIDE FACE
O.H.	OVERHEAD or OPPOSITE HAND
OBS.	OBSCURE
OFF.	OFFICE
OPNG.	OPENING
OPP.	OPPOSITE
P.C.	PRECAST
P.J.	PANEL JOINT
P.LAM.	PLASTIC LAMINATE
P.S.F.	POUNDS PER SQUARE FOOT
P.T.D.	PAPER TOWEL DISPENSER
P.T.R.	PAPER TOWER RECEPTACLE
PL.	PLATE
PL.	PLATE
PLAS.	PLASTER
PLYWD.	PLYWOOD
POL.	POLISH(ED)
PR.	PAIR
PT.	POINT
Q.T.	QUARRY TILE
QUAL.	QUALITY
QUAN.	QUANTITY
R.	RISER
R.B.	RUBBER / RESILIENT BASE
R.C.P.	REFLECTED CEILING PLAN
R.D.	ROOF DRAIN
R.O.	ROUGH OPENING
R.O.W.	RIGHT OF WAY
R.T.U.	ROOF TOP UNIT
R.W.L.	RAIN WATER LEADER
RAD.	RADIUS
REF.	REFERENCE
REFR.	REFRIGERATOR
REINF.	REINFORCE(D)
REQ.	REQUIRED
RESIL.	RESILIENT
RGTR.	REGISTER
RM.	ROOM
RWD.	REDWOOD
S.	SOUTH
S.A.F.	SELF-ADHERED FLASHING
S.C.	SOLID CORE
S.C.D.	SEAT COVER DISPENSER
S.D.	SOAP DISPENSER
S.F.	SQUARE FOOT
S.I.	SQUARE INCH
S.N.D.	SANITARY NAPKIN DISPENSER
S.N.R.	SANITARY NAPKIN RECEPTACLE
S.S.	STAINLESS STEEL
S.SK.	SERVICE SINK
S.T.C.	SOUND TRANSMISSION COEFFICIENT
SCHED.	SCHEDULE
SCWD.	SOLID CORE WOOD
SECT.	SECTION
SH.	SHELF
SHR.	SHOWER
SHT.	SHEET
SIM.	SIMILAR
SPEC.	SPECIFIED or SPECIFICATION
SQ.	SQUARE
STA.	STATION
STD.	STANDARD
STL.	STEEL
STOR.	STORAGE
STRL.	STRUCTURE or STRUCTURAL
SUPP.	SUPPLEMENT or SUPPLEMENTARY
SUSP.	SUSPENDED
SYMM.	SYMMETRICAL
T&G	TONGUE AND GROOVE
T.	TREAD
T.B.	TOWEL BAR
T.C.	TOP OF CURB
T.D.	TRENCH DRAIN
T.O.C.	TOP OF CONCRETE
T.O.M.	TOP OF MULLION
T.O.P.	TOP OF PANEL
T.O.R.	TOP OF REVEAL
T.O.REC.	TOP OF DEEP RECESS
T.O.S.	TOP OF STEEL
T.O.W.	TOP OF WALL
T.P.	TOP OF PAVEMENT
T.P.D.	TOILET PAPER DISPENSER
T.V.	TELEVISION
TEL.	TELEPHONE
TER.	TERRAZZO
THK.	THICK
TOL.	TOLERANCE
TYP.	TYPICAL
U.C.	UNDERCUT
U.H.	UNIT HEATER
U.L.	UNDERWRITERS' LABORATORIES
U.O.N.	UNLESS OTHERWISE NOTED
UNF.	UNFINISHED
UR.	URINAL
V.C.T.	VINYL COMPOSITE TILE
V.I.F.	VERIFY IN FIELD
V.P.	VISION PANEL
V.R.	VAPOR RETARDER
VAC.	VACUUM
VERT.	VERTICAL
VEST.	VESTIBULE
VIT.	VITREOUS
W.	WEST
W.C.	WATER CLOSET
W.I.	WROUGHT IRON
W.P.	WORKING POINT
W.S.	WEATHER STOP or STRIPPING
W.W.F.	WELDED WIRE FABRIC
W/	WITH
W/O	WITHOUT
WD.	WOOD
WPM	WATERPROOFING MEMBRANE
WRB	WEATHER / WATER RESISTIVE BARRIER
WSCT.	WAINSCOT
WT.	WEIGHT

SYMBOLS



INCORP. DESIGN BULLETIN LOG:

DESIGN BULLETIN:	ISSUE DATE	REMARK
DB-0001 - BUILDING SIGNAGE	MAY 24,2017	
DB-0003 - SMOKER CANOPY	JUNE 1, 2017	
DB-0004 - CONCRETE FLOOR POLISHED FINISH	AUG. 9,2017	
DB-0005 - "FULFILLMENT" WALL DECAL	AUG. 9,2017	
DB-0006 - EXTERIOR DOOR NUMBERING	AUG. 9,2017	
DB-0007 - SANITARY NAPKIN DISPENSER (WOMEN'S TOILET)	AUG. 9,2017	
DB-0014 - TV NICHE	NOV. 28, 2017	
DB-0015 - REVISED BMS SPEC	NOV. 28, 2017	
DB-0016 - RUNNING MAN	NOV. 28, 2017	
DB-0017 - MOTHERS ROOM REVISION	NOV. 28, 2017	
DB-0020 REV1.0 - TRUCK YARD REVISION	JAN. 18,2018	
DB-0021 - LOCKERS SCOPE CLARIFICATION	MAR. 1, 2018	
DB-0024 - ENERGY SPECS (SOLAR READY)	JAN. 29, 2018	
DB-0025 - REV LIGHTING STANDARDS	FEB. 12, 2018	
DB-0032 - GUARD SHACK WATER COOLER	FEB. 26, 2018	
DB-0033 - TRUCK YARD PERIMETER FENCE - BARBED WIRE	FEB. 26, 2018	
DB-0035 - RESTROOM ZERO SITELITE	MAR. 12, 2018	
DB-0040 - DOUBLE COLUMN GAP PROTECTION DETAIL	APR. 10, 2018	
DB-0042 REV1.0 - REMOVAL OF TURNSTILE AT WFS	MAY 31, 2018	
DB-0044 - RESTROOM TOILET PARTITIONS PRIVACY HARDWARE	JULY 25, 2018	
DB-0048 - IDF ADDITIONAL POWER	AUG. 15, 2018	
DB-0052 - RME MODULES REVISIONS	DEC. 4, 2018	
DB-0053 REV1.0 - PARKING LOT SAFETY IMPROVEMENTS	DEC. 4, 2018	
DB-0056 - UNDERNEATH SOLID DECK PLATFORMS LIGHTING STANDARD	FEB. 20, 2018	
DB-0058 - SOAP AND PAPER TOWEL DISPENSERS	FEB. 27, 2018	
DB-0059 - MAIN OFFICE BLOCK ACCESS CONTROL REMOVAL	MAR. 20, 2019	
DB-0060 - 3RD PARTY BASE BUILDING COMMISSIONING	APR. 1, 2019	
DB-0061 - IDF CABINET SECURITY	MAY. 17, 2019	
DB-0062 - OVERFLOW DRAIN AT FRONT CANNOPY	MAY. 17, 2019	
DB-0063 - SIGNAGE AND BRANDING COLOR CHANGE	MAY. 17, 2019	
DB-0064 - ENTRY, SECURITY AND OFFICE COLOR CHANGE	MAY. 17, 2019	
DB-0065 REV1.0 - REVISED FINISH SCHEDULE	AUG. 2+, 2019	
DB-0072 - FIRE ALARM PULL COVER	OCT. 21, 2019	
DB-0073 - MOTHERS ROOM CASEWORK	NOV. 5, 2019	
DB-0074 - OVERHEAD DOOR SECURITY REQUIREMENTS	NOV. 21, 2019	
DB-0075 - FIRST DAY TRAINIG ROOM-ACCESS CONTROL AND FLOOR PWR	NOV. 27, 2019	
DB-0076 - DUAL LANE TRUCK ENTRY AND AUTOMATIC LPR	DEC. 6, 2019	
DB-0078 - AM CARE DOOR HARDWARE	DEC. 12, 2019	
DB-0079 - BOON EDAM SPEED LANE - DETAIL AND SCOPE UPDATE	DEC. 17, 2019	
DB-0081 - MAIN SWITCHGEAR TORQUE SETTINGS AND IR WINDOW	JAN. 24, 2020	
DB-0088 - NAFC PAVEMENT DESIGN DESIGN CRITERIA AND GUIDELINES	MAR. 3, 2020	
DB-0089 - SECTION 11 1300 LOADING DOCK EQUIPMENT	MAR. 20, 2020	
DB-0092 - REVISED 087100 DOOR HARDWARE SPECIFICATIONS V4.3	APRIL 1, 2020	
DB-0093 - FC IT 2020 A.M.E. INFRASTRUCTURE GLOBAL STANDARDS V8.2	APRIL 3, 2020	
DB-0095 - UPDATE DOCK DOOR DETAIL	APRIL 29, 2020	
DB-0097 - TIME CLOCK DIMENSION UPDATE	MAY. 12, 2020	
DB-0100 - TIME CLOCK ADDITION AT SCREENING	MAY. 15, 2020	

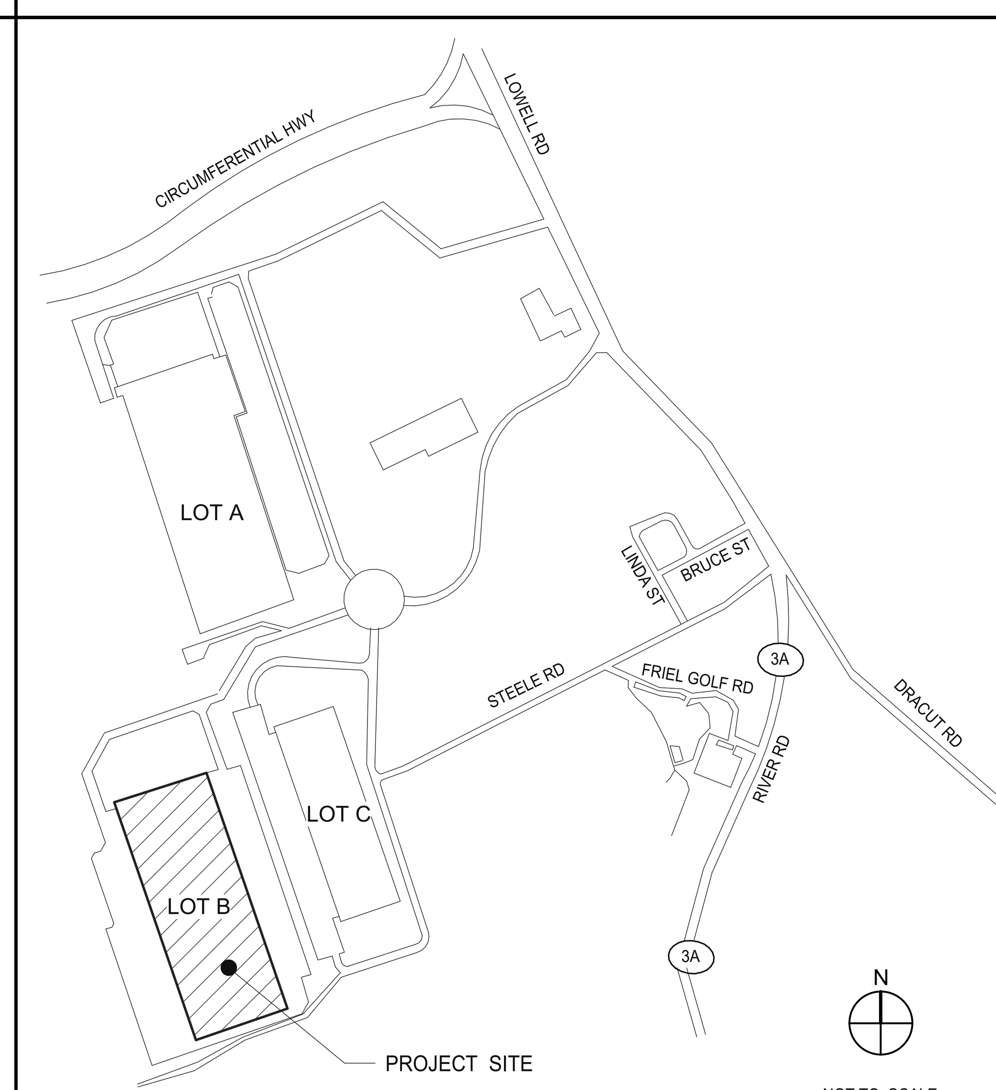
REVISION LOG:

DATE	REMARKS

DESIGN STANDARDS:

NAME	VERSION	DATE
BUILDING:		
TNS 117K G+2 GEN 6.0	**VERSION 1**	**03-26-2020**
DESIGN STANDARDS FOR SIGNAGE	**REVISION 13**	**12-05-2016**
DOOR HARDWARE SPECIFICATIONS	**V4.3**	**08-20-2019**
WWRE_DESIGN_STANDARDS Q4 2016_120516		
IT:		
IT INFRASTRUCTURE DESIGN - NORTH AMERICAN FULFILLMENT CENTERS	**V8.2**	**04-03-2020**
ELECTRICAL:		
DESIGN GUIDELINES SECURITY	**V3.0**	**10-01-2017**
LIGHTING STANDARD		**02-07-2018**
MATERIAL HANDLING COMPOSITE:		

VICINITY MAP



PROJECT TEAM

OWNER/DEVELOPER

HILLWOOD DEVELOPMENTS LLC

66E MAIN STREET, UNIT 3001 WESTMINSTER, MD 21157

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PROJECT HLC LOT B
LOWELL ROAD
MAP 239,LOT 1
TOWN OF HUDSON, HILLSBOROUGH COUNTY, NEW HAMPSHIRE

TITLE SHEET

DATE	REMARKS
2020-06-12	ARCHITECTURAL SHELL PROGRESS SET
2020-06-26	60% SUBMISSION
2020-07-17	60% PROGRESS SET
2020-08-07	ISSUED FOR PERMIT
2020-08-28	TENDER SET

PA/PM:	A. MORSY
DRAWN BY.:	H.H./S.Q.
JOB NO.:	SNR20-0053-00

SHEET

A0.1

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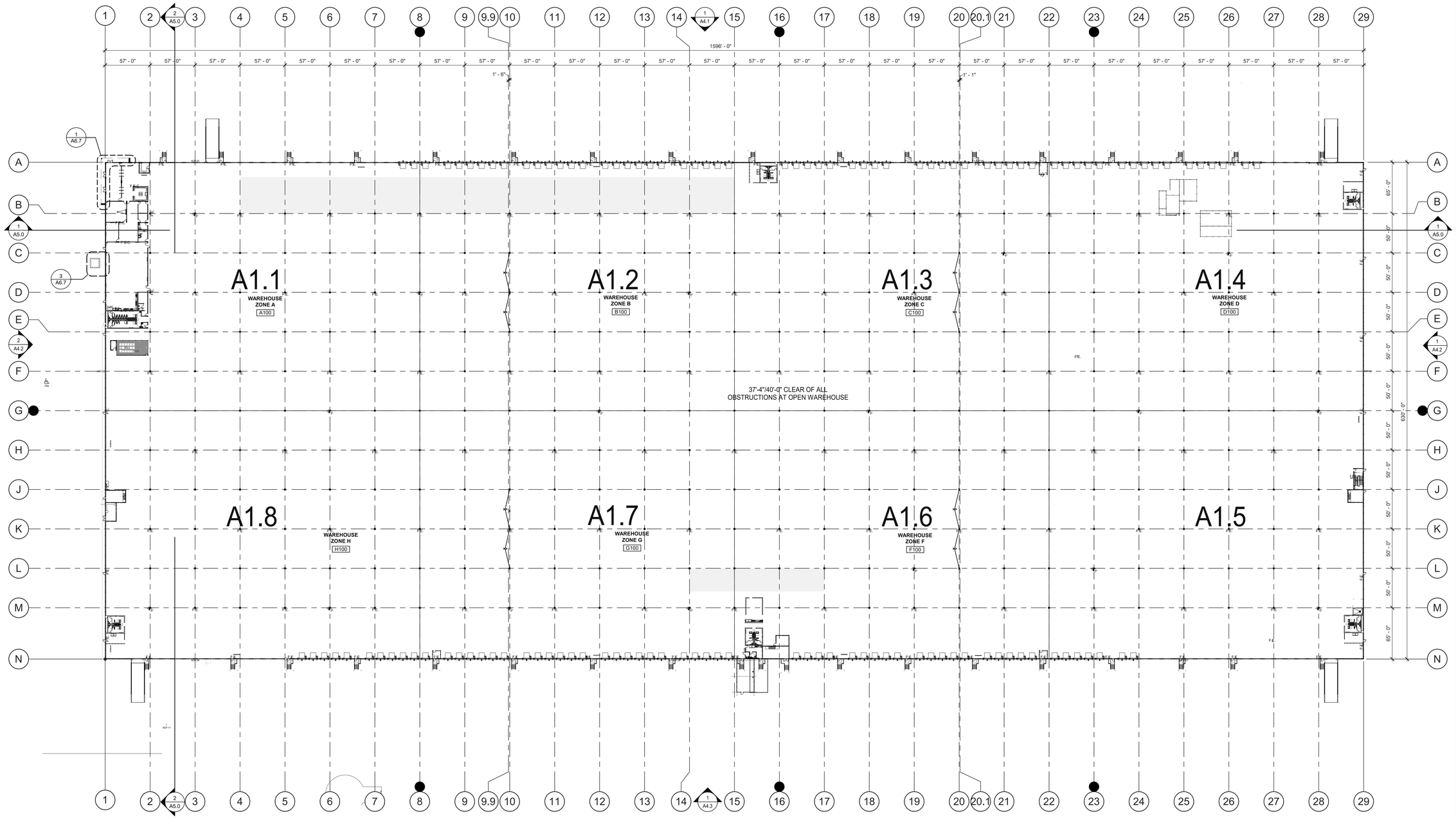
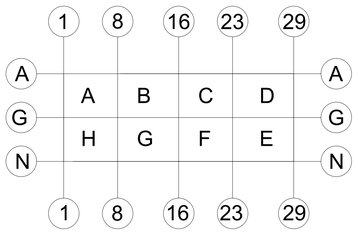


OVERALL FLOOR PLAN

SCALE: 1" = 50'-0"

KEY PLAN



NOT TO SCALE

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PROJECT HLC LOT B

LOWELL ROAD
MAP 239, LOT 1
TOWN OF HUDSON, HILLSBOROUGH
COUNTY, NEW HAMPSHIRE

OVERALL FLOOR PLAN

DATE	REMARKS
2020-06-12	ARCHITECTURAL SHELL PROGRESS SET
2020-06-26	60% SUBMISSION
2020-07-17	90% PROGRESS SET
2020-08-07	100% PROGRESS SET
2020-08-28	TENDER SET
2020-10-08	SI#003 (XLFC PROTOTYPE UPDATES)
3	

PA/PM:	A. MORSY
DRAWN BY.:	H.H./S.Q.
JOB NO.:	SNR20-0053-00

SHEET

A1.0

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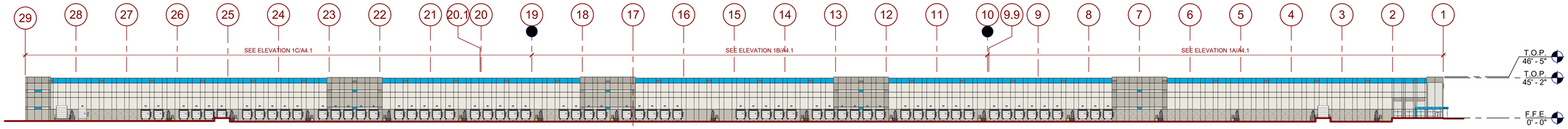
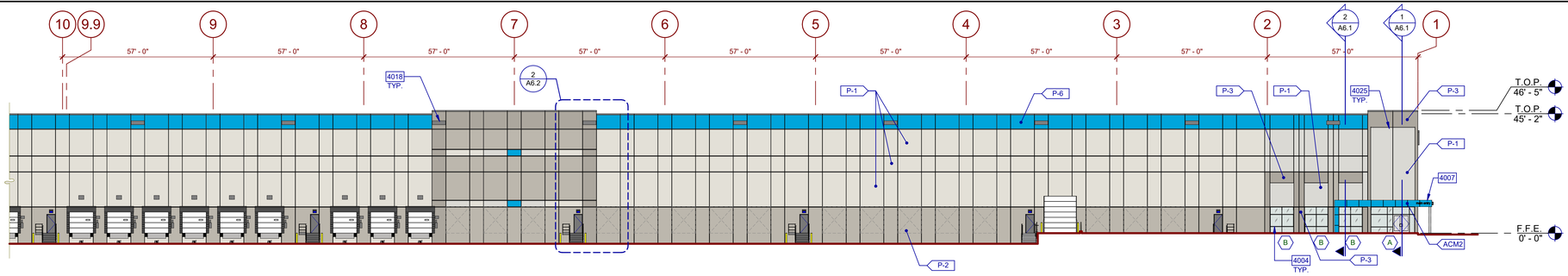


1/2"=1'-0"

0 1' 2' 4' 8'

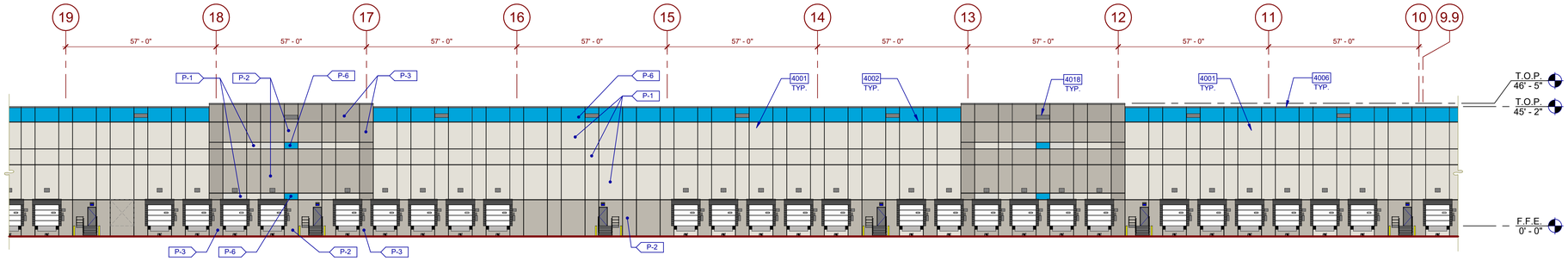
OVERALL EAST EXTERIOR ELEVATION (1)

SCALE: 1" = 50'-0"



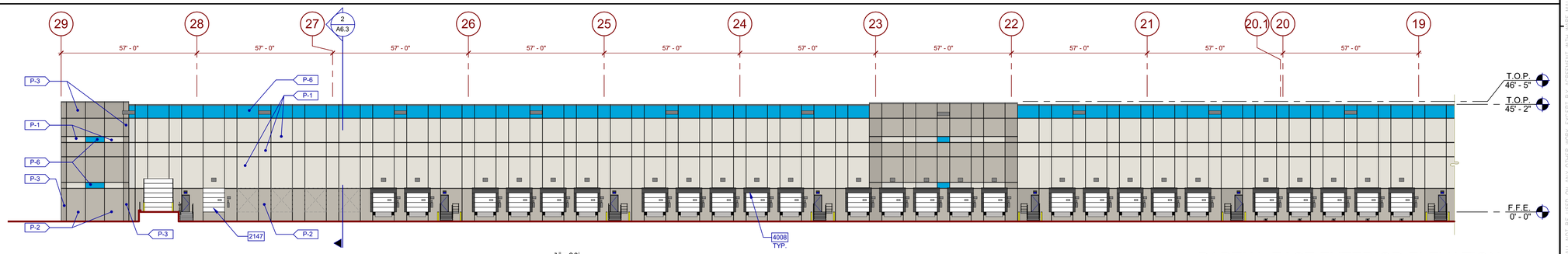
PARTIAL EAST EXTERIOR ELEVATION (1A)

SCALE: 1" = 20'-0"



PARTIAL EAST EXTERIOR ELEVATION (1B)

SCALE: 1" = 20'-0"



1"=20'

0 10' 20' 40' 100'

PARTIAL EAST EXTERIOR ELEVATION (1C)

SCALE: 1" = 20'-0"

LEGEND

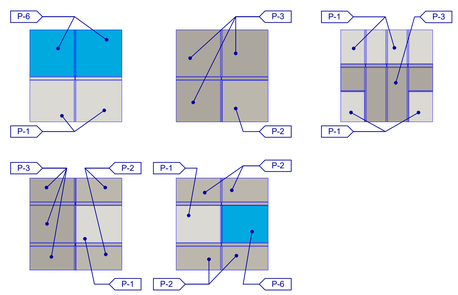
GLASS:

- VISION GLASS: 1" INSULATING GLAZING WITH "LOW-E" OUTBOARD LITEE: GUARDIAN CRYSTAL GRAY W/ SUNGUARD SUPERNEUTRAL 62/67 ON #2 SURFACE. INBOARD LITE: CLEAR
- SPANDREL GLASS: AS PER VISION W/ ICD HIGH PERFORMANCE 3-0770 WARM GRAY COATING ON #4 SURFACE.
- TEMPERED GLASS: 1" INSULATING GLAZING WITH "LOW-E" OUTBOARD LITEE: GUARDIAN CRYSTAL GRAY W/ SUNGUARD SUPERNEUTRAL 62/67 ON #2 SURFACE. INBOARD LITE: CLEAR

ALL GLASS USED ON THE ENVELOPE OF THE BUILDING TO BE:
U FACTOR = 0.28 AND SHGC = 0.28
GLASS WIND LOAD RESISTANCE CALCULATIONS ARE UNDER SEPARATE PERMIT

EXTERIOR COLOR.
PROVIDE 6'-0" WIDE PAINT COLOR MOCK-UP FULL HEIGHT OF BUILDING FOR OWNER/ARCHITECT REVIEW.

P-1	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW#7646 "FIRST STAR" (RGB 218-217-212)
P-2	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW#7016 "MINDFUL GRAY" (RGB 188-183-173)
P-3	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW#7017 "DORIAN GRAY" (RGB 172-167-158)
P-6	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH PANTONE COLOR#2995C (RGB 0-169-244) (CMYK 83-1-0-0)
ACM-2	ALUMINUM COMPOSITE PANEL COLOR TO MATCH P7 PANTONE 2995C



NOTES

SEE SHEET A1.0a FOR FINISH SCHEDULE

2147
4001 INSULATED PRECAST WALL PANEL W/ REVEALS - TEXTURED COATING.
4002 3" WIDE x 1/2" DEEP REVEAL.
4004 ALUMINUM STOREFRONT SYSTEM WITH 1" INSULATED GLASS.
4006 CONTINUOUS PRE-FINISHED METAL CAP, PAINTED TO MATCH ADJACENT WALL(24 GA).
4007 COMPOSITE ALUMINUM CANOPY W/ ADJUSTABLE STRUT ROD SUPPORTS. SEE DETAIL X/AX.X.
4008 WALL PACK LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS.
4018 SCUPPER OPENING. SEE DETAIL X/AX.X.
4025 1 1/2" X 3/4" DEEP V-REVEAL.

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PROJECT HLC LOT B
LOWELL ROAD
MAP 239,LOT 1
TOWN OF HUDSON, HILLSBOROUGH COUNTY, NEW HAMPSHIRE

EXTERIOR ELEVATIONS

	DATE	REMARKS
	2020-06-12	ARCHITECTURAL SHELL PROGRESS SET
	2020-06-26	60% SUBMISSION
	2020-07-17	90% PROGRESS SET
	2020-08-07	90% SET FOR PERMIT
	2020-08-28	TENDER SET
	2020-09-02	SI#001 (RVI, UPDATE AND COORDINATION)
1		
3	2020-10-08	SI#003 (XL FC PROTOTYPE UPDATES)

PA/PM:	A. MORSY
DRAWN BY.:	H.H./S.Q.
JOB NO.:	SNR20-0053-00

SHEET
A4.1

11/25/2020 9:02:27 AM

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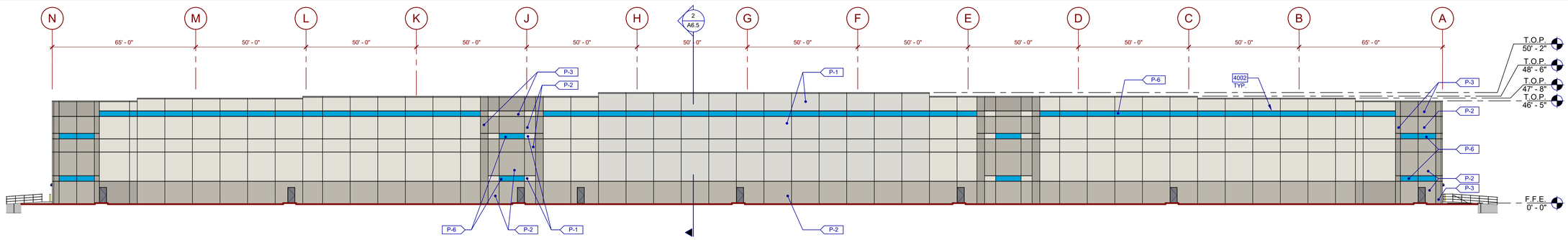
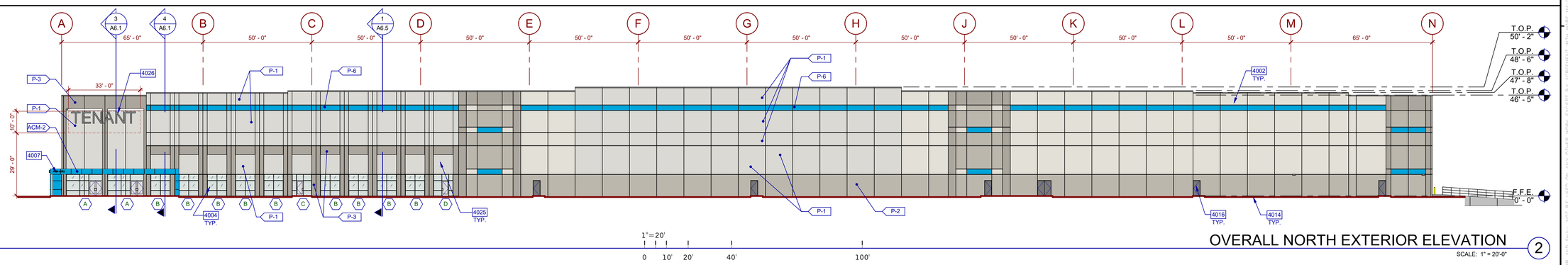


OVERALL SOUTH EXTERIOR ELEVATION 1

SCALE: 1" = 20'-0"



OVERALL NORTH EXTERIOR ELEVATION 2

SCALE: 1" = 20'-0"

LEGEND

GLASS:

VISION GLASS: 1" INSULATING GLAZING WITH "LOW-E" OUTBOARD LITEE: GUARDIAN CRYSTAL GRAY W/ SUNGUARD SUPERNEUTRAL 62/67 ON #2 SURFACE. INBOARD LITE: CLEAR

SPANDREL GLASS: AS PER VISION W/ ICD HIGH PERFORMANCE 3-0770 WARM GRAY COATING ON #4 SURFACE.

TEMPERED GLASS: 1" INSULATING GLAZING WITH "LOW-E" OUTBOARD LITEE: GUARDIAN CRYSTAL GRAY W/ SUNGUARD SUPERNEUTRAL 62/67 ON #2 SURFACE. INBOARD LITE: CLEAR

ALL GLASS USED ON THE ENVELOPE OF THE BUILDING TO BE:
U FACTOR = 0.28 AND SHGC = 0.28
GLASS WIND LOAD RESISTANCE CALCULATIONS ARE UNDER SEPARATE PERMIT

EXTERIOR COLOR

PROVIDE 6'-0" WIDE PAINT COLOR MOCK-UP FULL HEIGHT OF BUILDING FOR OWNER/ARCHITECT REVIEW.

P-1	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW#7646 "FIRST STAR" (RGB 218-217-212)
P-2	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW#7016 "MINDFUL GRAY" (RGB 188-183-173)
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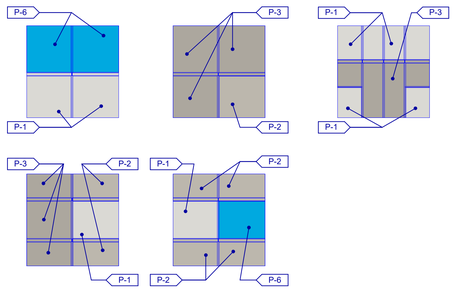
P-6	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH PANTONE COLOR#2995C (RGB 0-169-244) (CMYK 83-1-0-0)
ACM-2	ALUMINUM COMPOSITE PANEL COLOR TO MATCH P7 PANTONE 2995C



NOTES

SEE SHEET A1.0a FOR FINISH SCHEDULE

4002 3" WIDE x 1/2" DEEP REVEAL.
4004 ALUMINUM STOREFRONT SYSTEM WITH 1" INSULATED GLASS.
4007 COMPOSITE ALUMINUM CANOPY W/ ADJUSTABLE STRUT ROD SUPPORTS. SEE DETAIL X/AX.X.
4014 FINISH GRADE VARIES.
4016 PAINTED HOLLOW METAL DOOR AND FRAME.
4025 1 1/2" X 3/4" DEEP V-REVEAL.
4026 FUTURE TENANT SIGNAGE.

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Pleasanton, CA 94588
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PROJECT HLC LOT B
LOWELL ROAD
MAP 239,LOT 1
TOWN OF HUDSON, HILLSBOROUGH COUNTY, NEW HAMPSHIRE

EXTERIOR ELEVATIONS

DATE	REMARKS
2020-06-12	ARCHITECTURAL SHELL PROGRESS SET
2020-06-26	60% SUBMISSION
2020-07-17	90% PROGRESS SET
2020-08-07	ISSUED FOR PERMIT
2020-09-28	TENDER SET

PA/PM:	A. MORSY
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JOB NO.:	SNR20-0053-00

SHEET
A4.2

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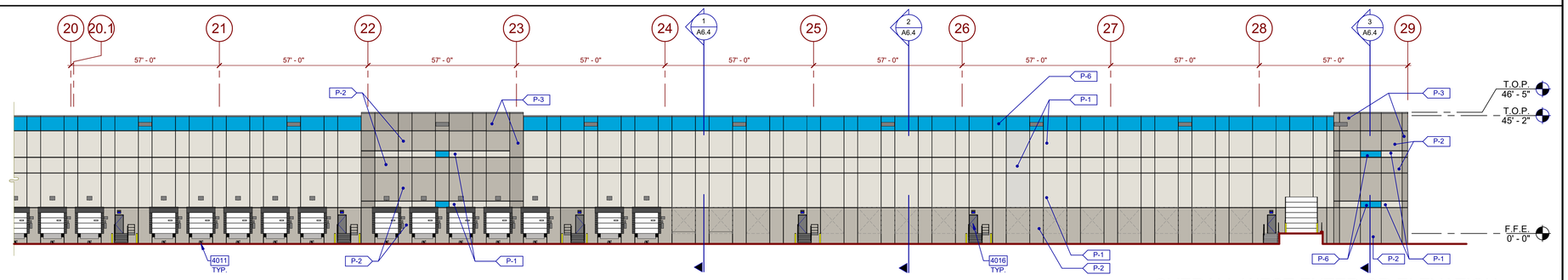
0 1' 2' 4' 8'

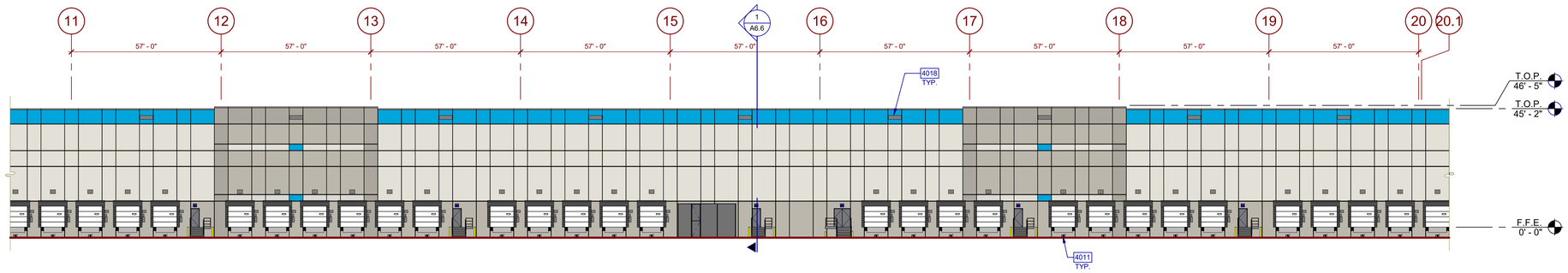
OVERALL WEST EXTERIOR ELEVATION (1)

SCALE: 1" = 50'-0"



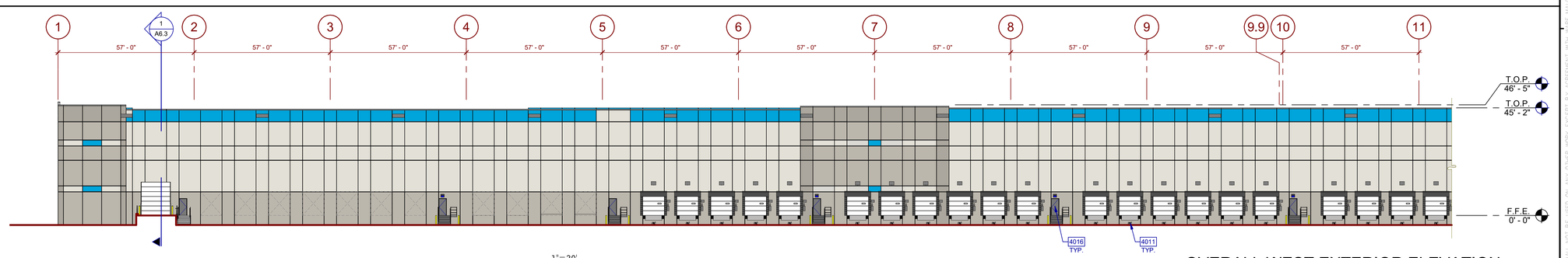
OVERALL WEST EXTERIOR ELEVATION (1A)

SCALE: 1" = 20'-0"



OVERALL WEST EXTERIOR ELEVATION (1B)

SCALE: 1" = 20'-0"



1"=20'
0 10' 20' 40' 100'

OVERALL WEST EXTERIOR ELEVATION (1C)

SCALE: 1" = 20'-0"

LEGEND

GLASS:

VISION GLASS: 1" INSULATING GLAZING WITH "LOW-E" OUTBOARD LITEE: GUARDIAN CRYSTAL GRAY W/ SUNGUARD SUPERNEUTRAL 62/67 ON #2 SURFACE. INBOARD LITE: CLEAR

SPANDREL GLASS: AS PER VISION W/ ICD HIGH PERFORMANCE 3-0770 WARM GRAY COATING ON #4 SURFACE.

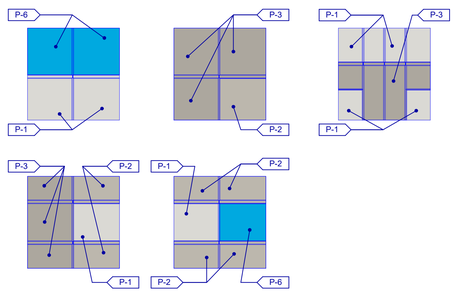
TEMPERED GLASS: 1" INSULATING GLAZING WITH "LOW-E" OUTBOARD LITEE: GUARDIAN CRYSTAL GRAY W/ SUNGUARD SUPERNEUTRAL 62/67 ON #2 SURFACE. INBOARD LITE: CLEAR

ALL GLASS USED ON THE ENVELOPE OF THE BUILDING TO BE:
U FACTOR = 0.28 AND SHGC = 0.28
GLASS WIND LOAD RESISTANCE CALCULATIONS ARE UNDER SEPARATE PERMIT

EXTERIOR COLOR

PROVIDE 6'-0" WIDE PAINT COLOR MOCK-UP FULL HEIGHT OF BUILDING FOR OWNER/ARCHITECT REVIEW.

P-1	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW#7646 "FIRST STAR" (RGB 218-217-212)
P-2	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW#7016 "MINDFUL GRAY" (RGB 188-183-173)
P-3	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW#7017 "DORIAN GRAY" (RGB 172-167-158)
P-6	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH PANTONE COLOR#2995C (RGB 0-169-244) (CMYK 83-1-0-0)
ACM-2	ALUMINUM COMPOSITE PANEL COLOR TO MATCH P7 PANTONE 2995C



NOTES

SEE SHEET A1.0a FOR FINISH SCHEDULE

4011 4FRONT MODEL APS-2000, RITE-HITE GRH-700 DOK-LOK WITH DOK-COMMANDER, OR POWERAMP TPR VEHICLE RESTRAINT WITH IDOCK COMBO PANEL.

4016 PAINTED HOLLOW METAL DOOR AND FRAME.

4018 SCUPPER OPENING. SEE DETAIL X/AX.X.

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PROJECT HLC LOT B
LOWELL ROAD
MAP 239,LOT 1
TOWN OF HUDSON, HILLSBOROUGH COUNTY, NEW HAMPSHIRE

EXTERIOR ELEVATIONS

	DATE	REMARKS
	2020-06-12	ARCHITECTURAL SHELL PROGRESS SET
	2020-06-26	60% SUBMISSION
	2020-07-17	90% PROGRESS SET
	2020-08-07	100% CLEAR PERMIT
	2020-08-28	TENDER SET
1	2020-09-02	SI#001 (RWL UPDATE AND COORDINATION)
3	2020-10-08	SI#003 (XLFC PROTOTYPE UPDATES)

PA/PM:	A. MORSY
DRAWN BY.:	H.H./S.Q.
JOB NO.:	SNR20-0053-00

SHEET
A4.3

11/25/2020 9:02:55 AM

BIM 360://SNR20-0053-00_A/Project HLC LOT B/0053_ARCH.rvt

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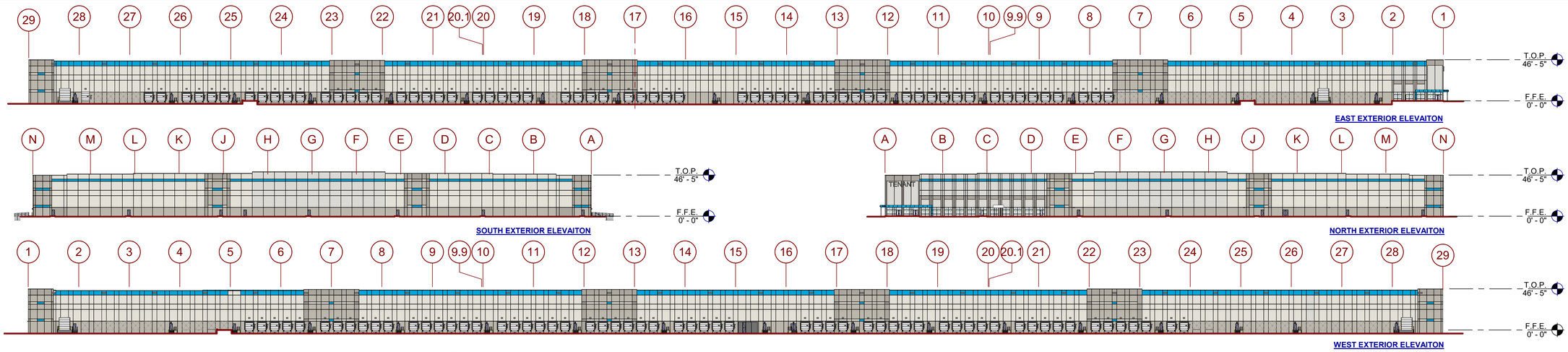


EAST EXTERIOR ELEVAITON

SOUTH EXTERIOR ELEVAITON

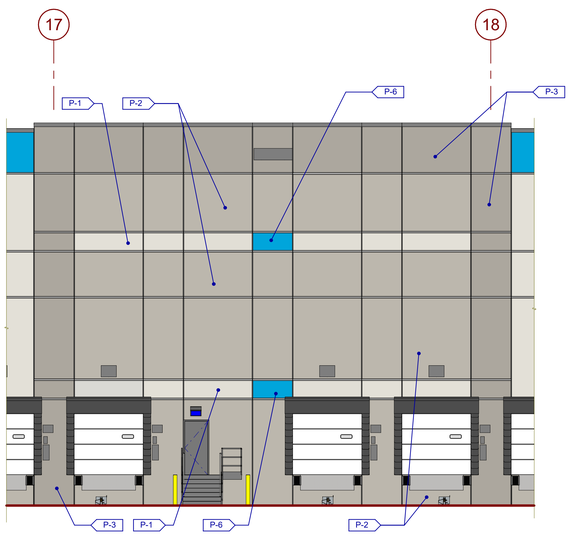
NORTH EXTERIOR ELEVAITON

WEST EXTERIOR ELEVAITON

1/2" = 1'-0"

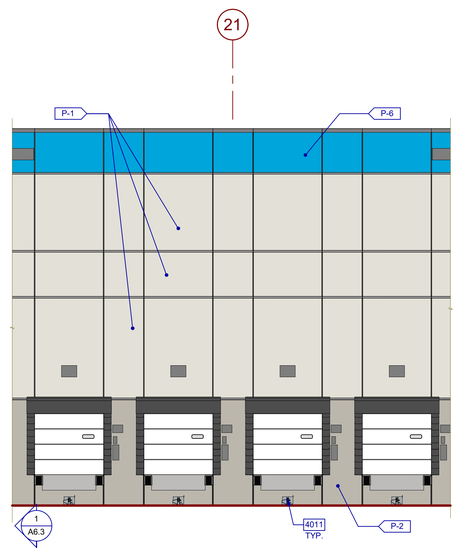
OVERALL EXTERIOR ELEVATIONS 1

SCALE: 1" = 50'-0"



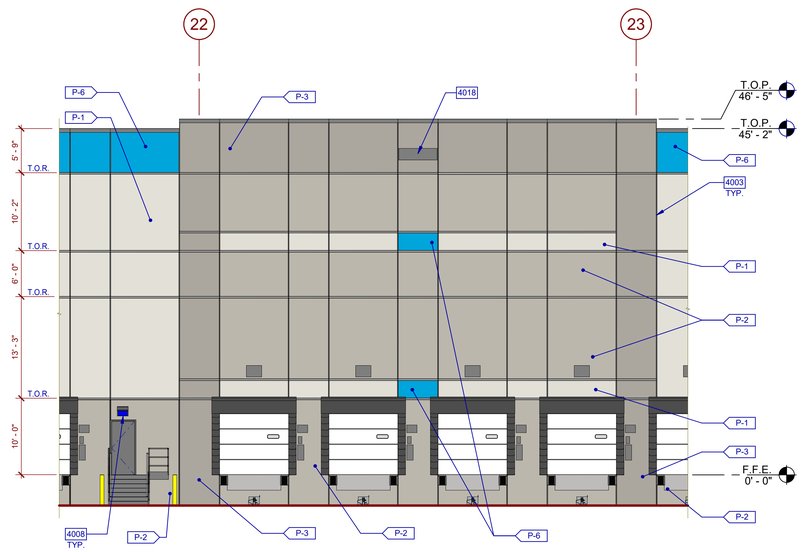
PARTIAL EXTERIOR ELEVATION 4

SCALE: 1/8" = 1'-0"



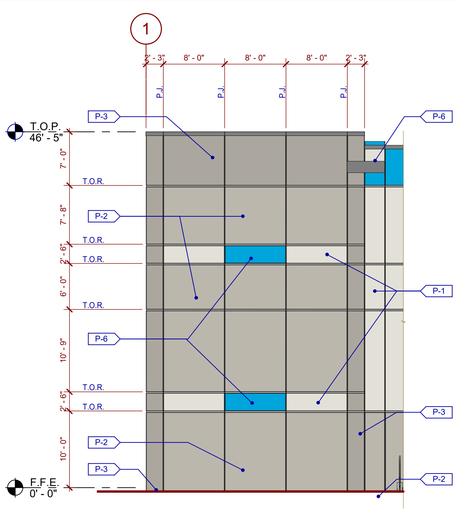
PARTIAL EXTERIOR ELEVATION 3

SCALE: 1/8" = 1'-0"



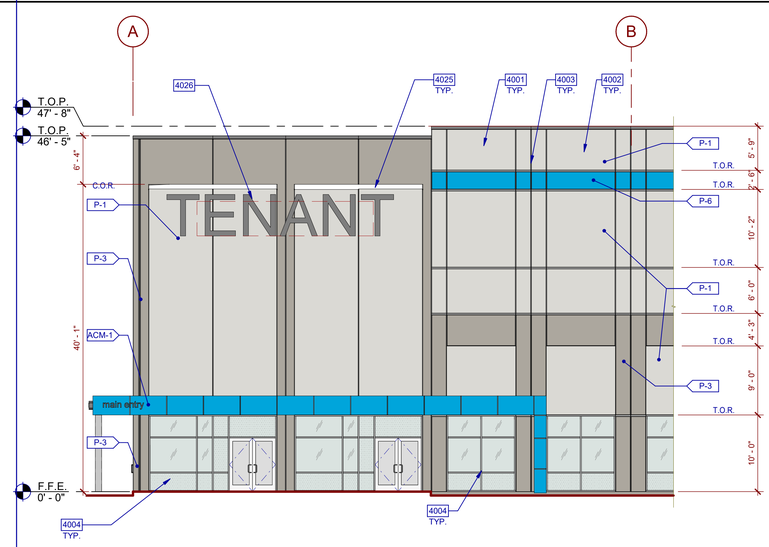
PARTIAL EXTERIOR ELEVATION 2

SCALE: 1/8" = 1'-0"



PARTIAL EXTERIOR ELEVATION 7

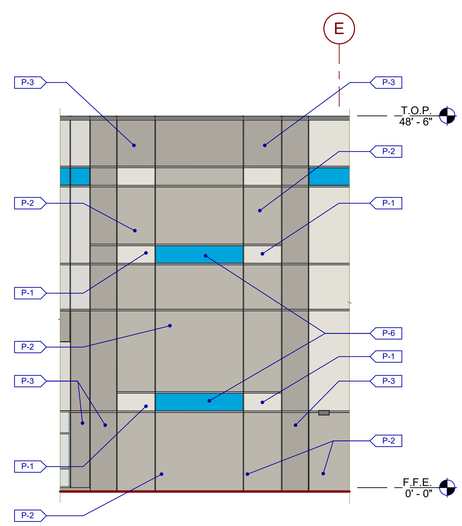
SCALE: 1/8" = 1'-0"



1/8" = 1'-0"

PARTIAL EXTERIOR ELEVATION 6

SCALE: 1/8" = 1'-0"



PARTIAL EXTERIOR ELEVATION 5

SCALE: 1/8" = 1'-0"

NOTES

SEE SHEET A1.0a FOR FINISH SCHEDULE

4001	INSULATED PRECAST WALL PANEL W/ REVEALS - TEXTURED COATING.
4002	3" WIDE x 1/2" DEEP REVEAL.
4003	CONCRETE WALL JOINT.
4004	ALUMINUM STOREFRONT SYSTEM WITH 1" INSULATED GLASS.
4008	WALL PACK LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS.
4011	4FRONT MODEL APS-2000, RITE-HITE GRH-700 DOK-LOK WITH DOK-COMMANDER, OR POWERAMP TPR VEHICLE RESTRAINT WITH IDOCK COMBO PANEL.
4018	SCUPPER OPENING. SEE DETAIL X/AX.X.
4025	1 1/2" X 3/4" DEEP V-REVEAL.
4026	FUTURE TENANT SIGNAGE.

LEGEND

GLASS:

VISION GLASS: 1" INSULATING GLAZING WITH "LOW-E" OUTBOARD LITE: GUARDIAN CRYSTAL GRAY W/ SUNGUARD SUPERNEUTRAL 62/67 ON #2 SURFACE. INBOARD LITE: CLEAR

SPANDREL GLASS: AS PER VISION W/ ICD HIGH PERFORMANCE 3-0770 WARM GRAY COATING ON #4 SURFACE.

TEMPERED GLASS: 1" INSULATING GLAZING WITH "LOW-E" OUTBOARD LITE: GUARDIAN CRYSTAL GRAY W/ SUNGUARD SUPERNEUTRAL 62/67 ON #2 SURFACE. INBOARD LITE: CLEAR

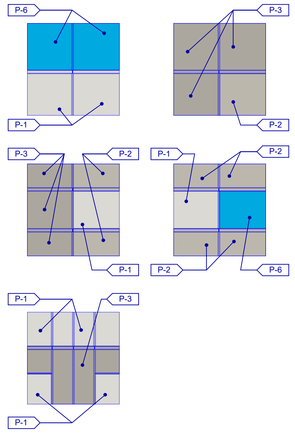
ALL GLASS USED ON THE ENVELOPE OF THE BUILDING TO BE:
U FACTOR = 0.28 AND SHGC = 0.28
GLASS WIND LOAD RESISTANCE CALCULATIONS ARE UNDER SEPARATE PERMIT

COLORS:

PROVIDE 6'-0" WIDE PAINT COLOR MOCK-UP FULL HEIGHT OF BUILDING FOR OWNER/ARCHITECT REVIEW.

EXTERIOR COLOR LEGEND

P-1	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW#7646 "FIRST STAR" (RGB 218-217-212)
P-2	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW#7016 "MINDFUL GRAY" (RGB 188-183-173)
P-3	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW#7017 "DORIAN GRAY" (RGB 218-217-212)
P-6	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH PANTONE COLOR#2995C (RGB 0-169-244) (CMYK 83-1-0-0)
ACM-1	ALUMINUM COMPOSITE PANEL COLOR TO MATCH P7 PANTONE 2995C



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PROJECT HLC LOT B
LOWELL ROAD
MAP 239,LOT 1
TOWN OF HUDSON, HILLSBOROUGH COUNTY, NEW HAMPSHIRE

EXTERIOR ELEVATIONS - COLOR SCHEDULE

DATE	REMARKS
2020-06-12	ARCHITECTURAL SHELL PROGRESS SET
2020-06-26	60% SUBMISSION
2020-07-17	90% PROGRESS SET
2020-08-07	ISSUED FOR PERMIT
2020-09-28	TENDER SET

PA/PM:	A. MORSY
DRAWN BY.:	H.H./S.Q.
JOB NO.:	SNR20-0053-00

SHEET
A4.4

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11/25/2020 9:03:21 AM

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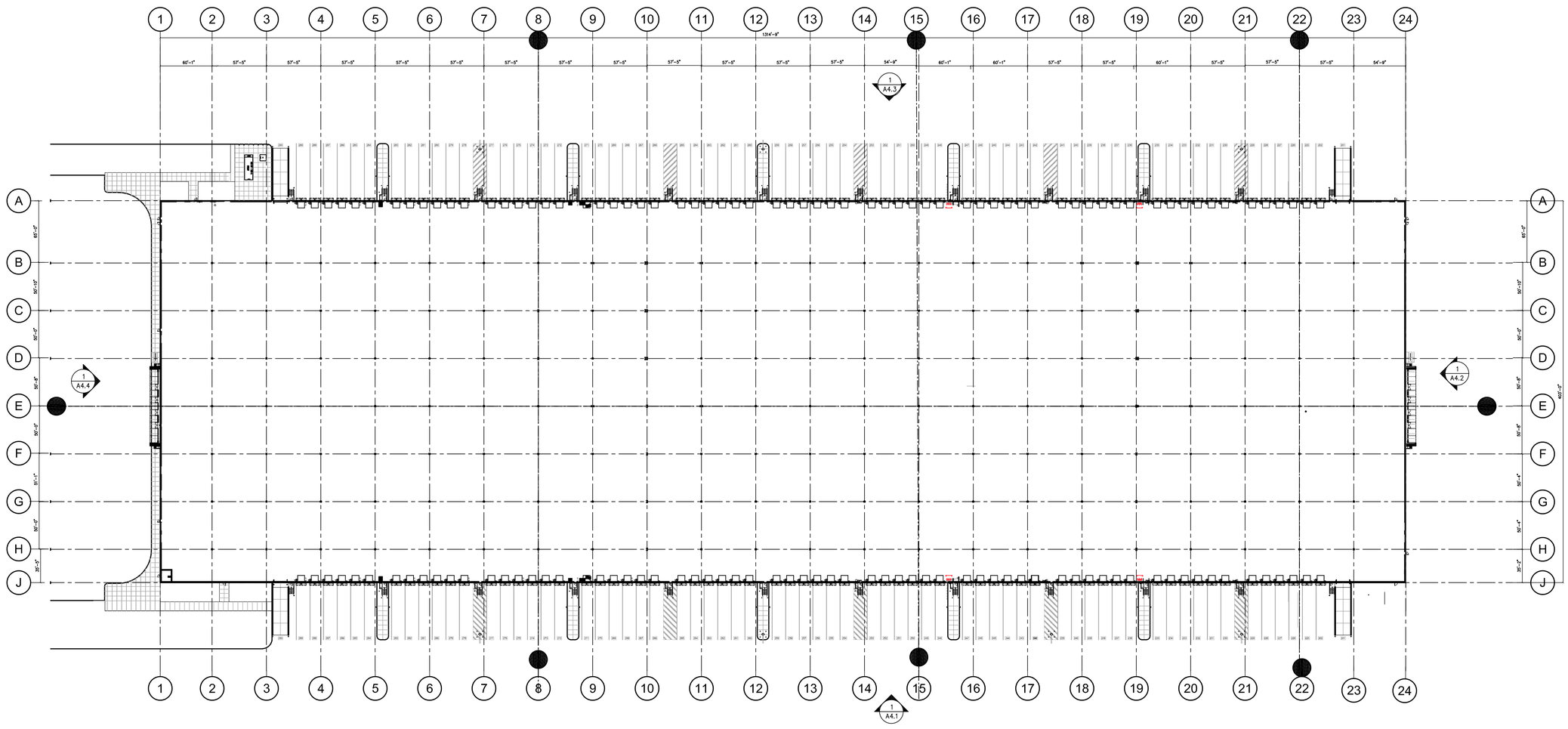

OVERALL FLOOR PLAN - GROUND LEVEL

SCALE: 1"=60'-0"

N

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BUILDING 3
SPEC
HUDSON, NEW HAMPSHIRE

OVERALL FP - GROUND

DATE	REMARKS
04/20/2020	PROGRESS SUBMITTAL
11/27/2020	PROGRESS SUBMISSION

PA / PM:	AM
DRAWN BY:	L.N.
JOB NO.:	SNR20-0052-00

SHEET

A1.0

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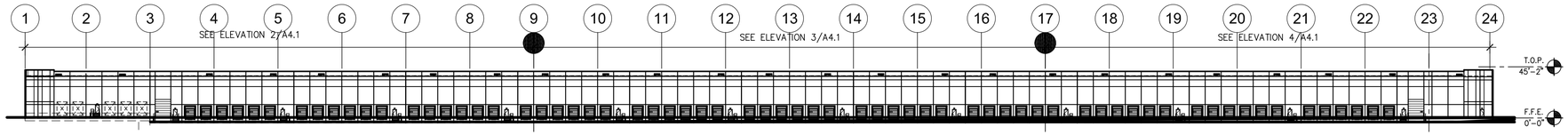
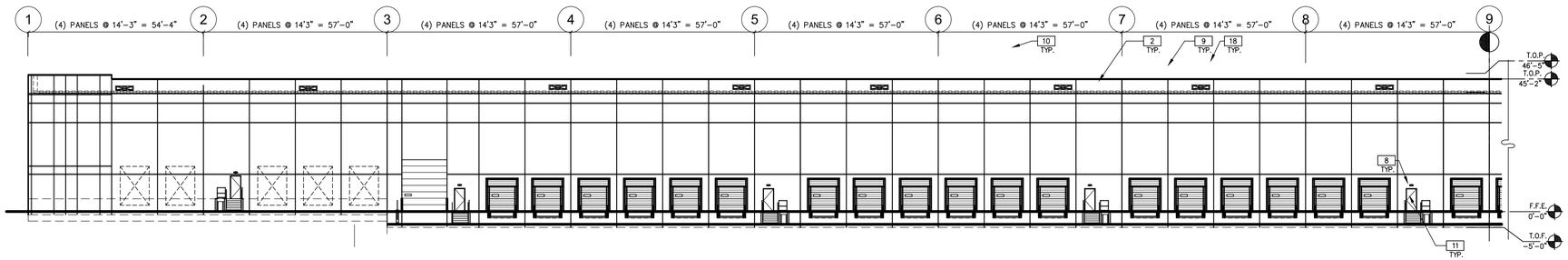
Fri, 27 Nov 2020



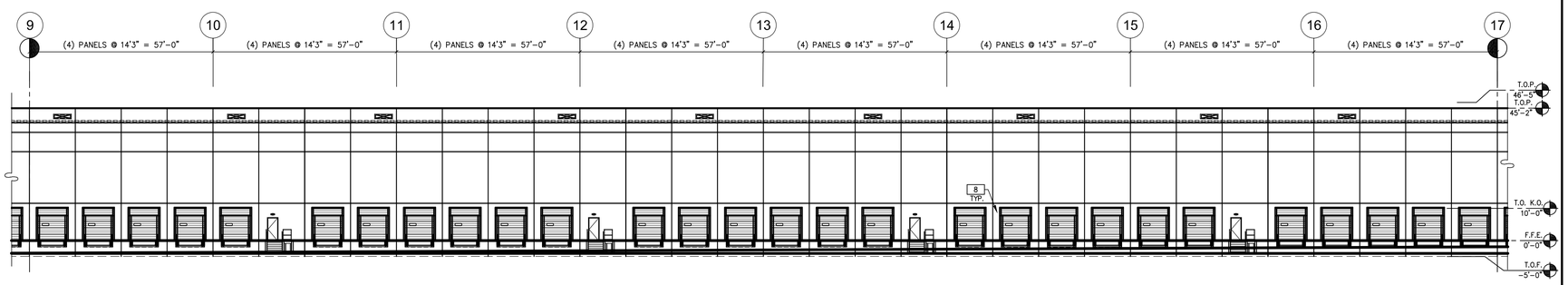
OVERALL EAST BUILDING ELEVATION (1)

SCALE: 1"=60'-0"



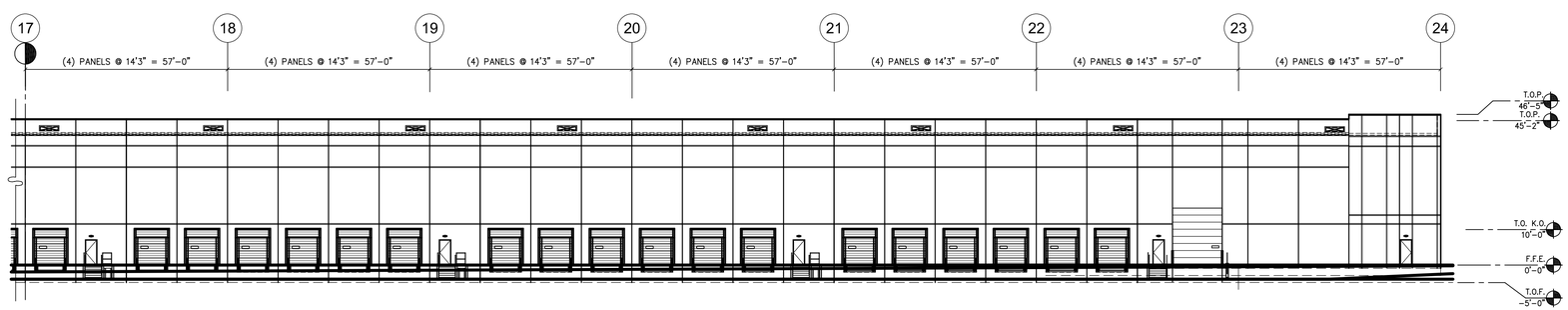
PARTIAL EAST BUILDING ELEVATION (2)

SCALE: 3/64"=1'-0"



PARTIAL EAST BUILDING ELEVATION (3)

SCALE: 3/64"=1'-0"



PARTIAL EAST BUILDING ELEVATION (4)

SCALE: 3/64"=1'-0"

ELEVATION NOTES

SEE SHEET A0.2 FOR GENERAL NOTES

1. INSULATED PRECAST WALL PANEL W/ REVEALS – TEXTURED COATING.
2. INSULATED PRECAST WALL JOINT. SEE DETAIL 3/A12.3
3. ALUMINUM GLAZING SYSTEM WITH 1" THICK LOW-E INSULATED GLASS.
4. FINISH GRADE, VARIES.
5. CONCRETE FOOTING, SEE STRUCTURAL DWG.
6. PRE-MANUFACTURED STEEL CANOPY STRUCTURE W/ PREFINISHED METAL FASCIA & COLUMNS W/ LED SURFACE MOUNTED LIGHT FIXTURES.TIE DOWNSPOUTS INTO UNDERGROUND STORM SYSTEM. SEE PLUMBING AND CIVIL DWG.
7. COMPOSITE ALUMINUM CANOPY W/ ADJUSTABLE STRUT ROD SUPPORTS. SEE DETAIL 19/A12.2a
8. WALL PACK LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS.
9. LINE OF ROOF BEYOND.
10. PREFINISHED METAL COPING.
11. PAINTED HOLLOW METAL DOOR AND FRAME.
12. STAIR AND RAILING. SEE DETAILS 1 & 11/A12.5
13. FIXED STEEL BOLLARD. SEE DETAIL 5/A12.1a
14. 9' X 10' VERTICAL LIFT OVERHEAD DOOR. SEE DOOR SCHEDULE.
15. 14' X 16' MOTORIZED HIGH LIFT INSULATED OVERHEAD DOOR & CONCRETE RAMP. SEE DOOR SCHEDULE AND DETAIL 13/A12.1a
16. ILLUMINATED BUILDING SIGN (BY OTHERS).
17. OVERFLOW DAYLIGHT DRAIN. SEE DETAIL 15/A12.2
18. SCUPPER OPENING. SEE DETAIL 13/A12.2
19. COMBINATION DOCK SEAL AND AQUASHIELD RAIN SEALING SYSTEM.
20. OVERFLOW EXITING. SEE DETAIL 21/A12.1
21. NOT USED. RESERVED
22. PRE-FINISHED METAL LOUVER – SEE MECH. DWG. COORDINATE ROUGH OPENING SIZE WITH ACTUAL LOUVER SIZE.
23. INSTALL SAFETY & SECURITY FILM TO WHERE EXPOSED TO WAREHOUSE (EXCLUDED PANELS AT OFFICES) 15'-0" A.F.F. & LOWER.
24. STAIR TOWER BEYOND.

LEGEND

VISION GLASS: 1" INSULATING GLAZING WITH "LOW-E":
OUTBOARD LITE: GUARDIAN CRYSTALGRAY W/ SUNGUARD SUPERNEUTRAL 62/27 ON #2 SURFACE.
INBOARD LITE: CLEAR.

SPANDREL GLASS: AS PER VISION W/ ICD HIGH PERFORMANCE 3-0770 WARM GRAY COATING ON #4 SURFACE.

DESIGN CRITERIA FOR ALL GLASS USED ON THE ENVELOPE OF THE BUILDING:
U FACTOR = 0.29, VT =.44, AND SHGC = 0.22
GLASS WIND LOAD RESISTANCE CALCULATIONS ARE UNDER SEPARATE PERMIT.

(T) TEMPERED GLASS.

COLOR LEGEND

SEE SHEET A4.7 FOR COLOR PALETTE

PROVIDE 6'-0" WIDE PAINT COLOR MOCK-UP FULL HEIGHT OF BUILDING FOR OWNER/ARCHITECT REVIEW.

P-1 — TEXTURED ACRYLIC COATING
SHERWIN WILLIAMS
MATCH COLOR SW#7049 "NUANCE"
(RGB 266 – 244 – 214)

P-2 — TEXTURED ACRYLIC COATING
SHERWIN WILLIAMS
MATCH COLOR SW#7017 "DORIAN GRAY"
(RGB 172 – 167 – 158)

P-3 — TEXTURED ACRYLIC COATING
SHERWIN WILLIAMS
MATCH COLOR SW#7018 "DOVETAIL"
(RGB 144 – 138 – 131)

P-5 — TEXTURED ACRYLIC COATING
SHERWIN WILLIAMS
MATCH COLOR SW#9174 "MOTH WING"
(RGB 160 – 144 – 127)

P-6 — TEXTURED ACRYLIC COATING
ACCENT COLOUR TBD.

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p 905.760.1221
f 905.248.3344
a business name of WMA Inc.

BUILDING 3
SPEC
HUDSON, NEW HAMPSHIRE

ELEVATIONS - EAST

DATE	REMARKS
04/20/2020	PROGRESS SUBMITTAL
11/27/2020	PROGRESS SUBMISSION

PA / PM:	AM
DRAWN BY:	L.N.
JOB NO.:	SNR20-0052-00

SHEET
A4.1

Fri, 27 Nov 2020

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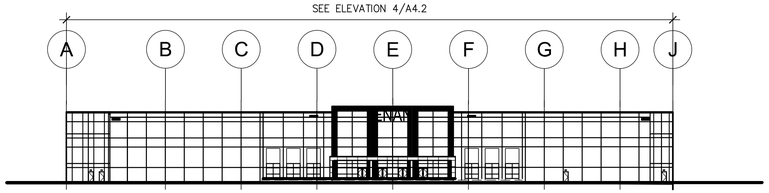
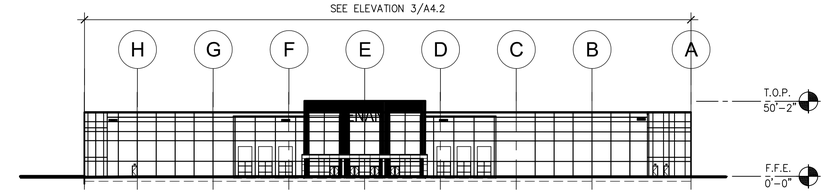


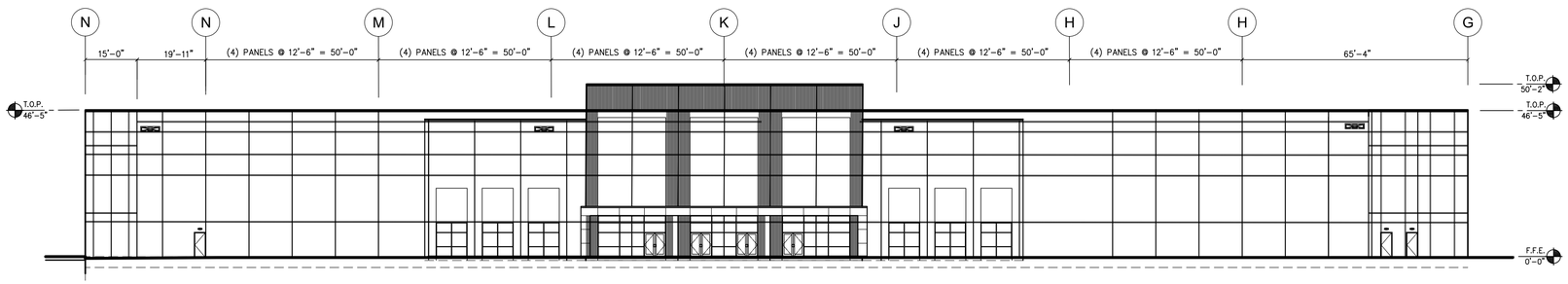
OVERALL SOUTH BUILDING ELEVATION 2

SCALE: 1"=50'-0"



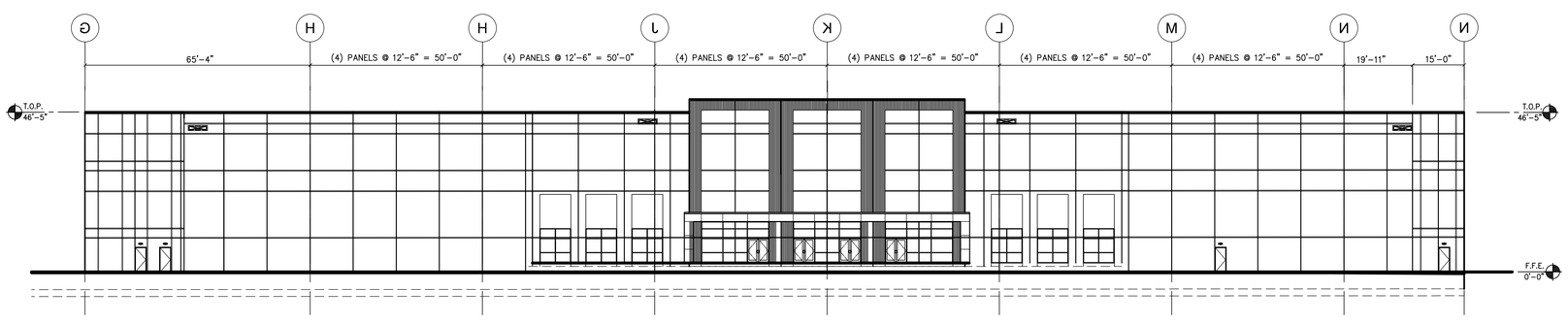
OVERALL NORTH BUILDING ELEVATION 1

SCALE: 1"=50'-0"



NORTH BUILDING ELEVATION 3

SCALE: 3/64"=1'-0"



SOUTH BUILDING ELEVATION 4

SCALE: 3/64"=1'-0"

ELEVATION NOTES

SEE SHEET A0.2 FOR GENERAL NOTES

1. INSULATED PRECAST WALL PANEL W/ REVEALS – TEXTURED COATING.
2. INSULATED PRECAST WALL JOINT. SEE DETAIL 3/A12.3
3. ALUMINUM GLAZING SYSTEM WITH 1" THICK LOW-E INSULATED GLASS.
4. FINISH GRADE, VARIES.
5. CONCRETE FOOTING, SEE STRUCTURAL DWG.
6. PRE-MANUFACTURED STEEL CANOPY STRUCTURE W/ PREFINISHED METAL FASCIA & COLUMNS W/ LED SURFACE MOUNTED LIGHT FIXTURES.TIE DOWNSPOUTS INTO UNDERGROUND STORM SYSTEM. SEE PLUMBING AND CIVIL DWG.
7. COMPOSITE ALUMINUM CANOPY W/ ADJUSTABLE STRUT ROD SUPPORTS. SEE DETAIL 19/A12.2a
8. WALL PACK LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS.
9. LINE OF ROOF BEYOND.
10. PREFINISHED METAL COPING.
11. PAINTED HOLLOW METAL DOOR AND FRAME.
12. STAIR AND RAILING. SEE DETAILS 1 & 11/A12.5
13. FIXED STEEL BOLLARD. SEE DETAIL 5/A12.1a
14. 9' X 10' VERTICAL LIFT OVERHEAD DOOR. SEE DOOR SCHEDULE.
15. 14' X 16' MOTORIZED HIGH LIFT INSULATED OVERHEAD DOOR & CONCRETE RAMP. SEE DOOR SCHEDULE AND DETAIL 13/A12.1a
16. ILLUMINATED BUILDING SIGN (BY OTHERS).
17. OVERFLOW DAYLIGHT DRAIN. SEE DETAIL 15/A12.2
18. SCUPPER OPENING. SEE DETAIL 13/A12.2
19. COMBINATION DOCK SEAL AND AQUASHIELD RAIN SEALING SYSTEM.
20. OVERFLOW EXITING. SEE DETAIL 21/A12.1
21. NOT USED. RESERVED
22. PRE-FINISHED METAL LOUVER – SEE MECH. DWG. COORDINATE ROUGH OPENING SIZE WITH ACTUAL LOUVER SIZE.
23. INSTALL SAFETY & SECURITY FILM TO WHERE EXPOSED TO WAREHOUSE (EXCLUDED PANELS AT OFFICES) 15'-0" A.F.F. & LOWER.
24. STAIR TOWER BEYOND.

LEGEND

VISION GLASS: 1" INSULATING GLAZING WITH "LOW-E":
OUTBOARD LITE: GUARDIAN CRYSTALGRAY W/ SUNGUARD SUPERNEUTRAL 62/27 ON #2 SURFACE.
INBOARD LITE: CLEAR.

SPANDREL GLASS: AS PER VISION W/
ICD HIGH PERFORMANCE 3-0770 WARM GRAY COATING ON #4 SURFACE.

DESIGN CRITERIA FOR ALL GLASS USED ON THE ENVELOPE OF THE BUILDING:
U FACTOR = 0.29, VT =.44, AND SHGC = 0.22
GLASS WIND LOAD RESISTANCE CALCULATIONS ARE UNDER SEPARATE PERMIT.

(T) TEMPERED GLASS.

COLOR LEGEND

SEE SHEET A4.7 FOR COLOR PALETTE

PROVIDE 6'-0" WIDE PAINT COLOR MOCK-UP FULL HEIGHT OF BUILDING FOR OWNER/ARCHITECT REVIEW.

P-1 TEXTURED ACRYLIC COATING
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MATCH COLOR SW#7049 "NUANCE"
(RGB 266 – 244 – 214)

P-2 TEXTURED ACRYLIC COATING
SHERWIN WILLIAMS
MATCH COLOR SW#7017 "DORIAN GRAY"
(RGB 172 – 167 – 158)

P-3 TEXTURED ACRYLIC COATING
SHERWIN WILLIAMS
MATCH COLOR SW#7018 "DOVETAIL"
(RGB 144 – 138 – 131)

P-5 TEXTURED ACRYLIC COATING
SHERWIN WILLIAMS
MATCH COLOR SW#9174 "MOTH WING"
(RGB 160 – 144 – 127)

P-6 TEXTURED ACRYLIC COATING
ACCENT COLOUR TBD.

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BUILDING 3
SPEC
HUDSON, NEW HAMPSHIRE

ELEVATIONS - NORTH & SOUTH

DATE	REMARKS
04/20/2020	PROGRESS SUBMITTAL
11/27/2020	PROGRESS SUBMISSION

PA / PM:	AM
DRAWN BY:	L.N.
JOB NO.:	SNR20-0052-00

SHEET

A4.2

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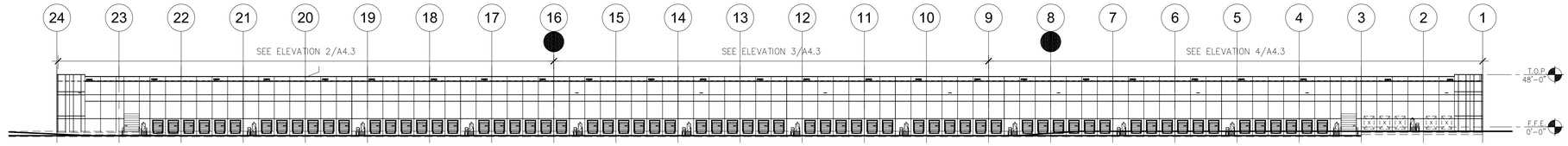
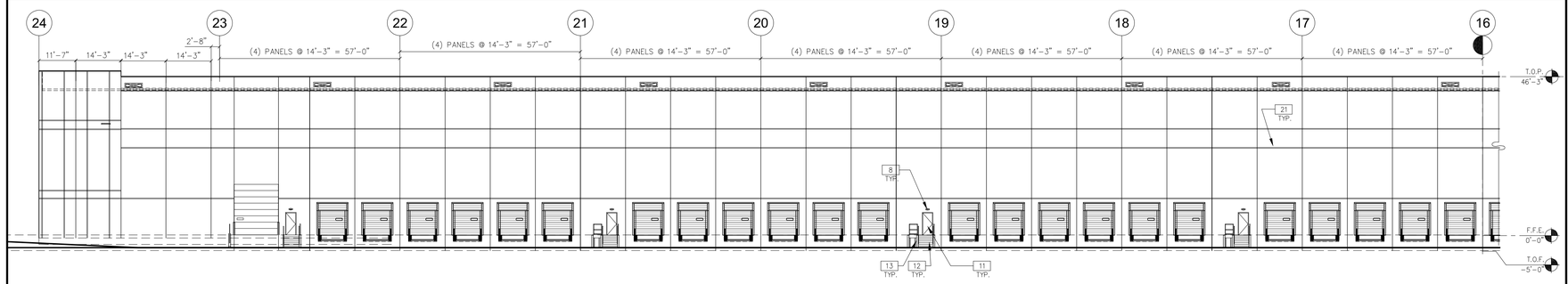
Fri, 27 Nov 2020

CAUTION: IF THIS SHEET IS NOT 22 x 34 IT IS A REDUCED PRINT



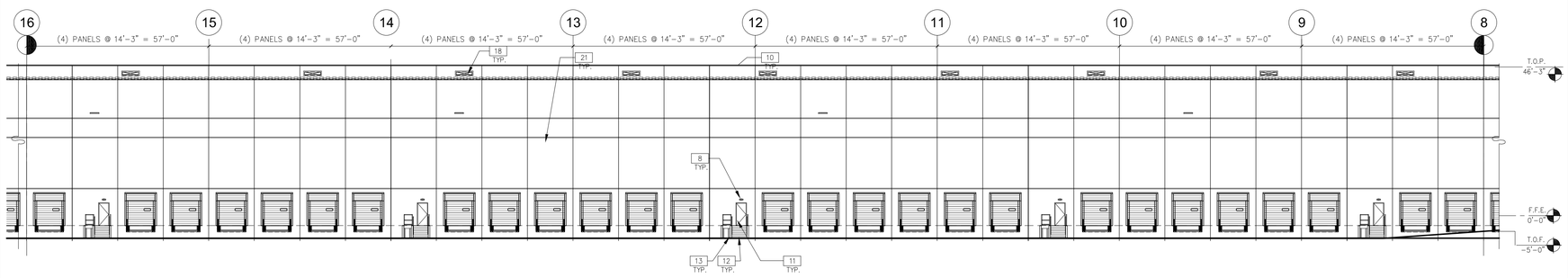
OVERALL WEST BUILDING ELEVATION

SCALE: 1"=60'-0" — 1



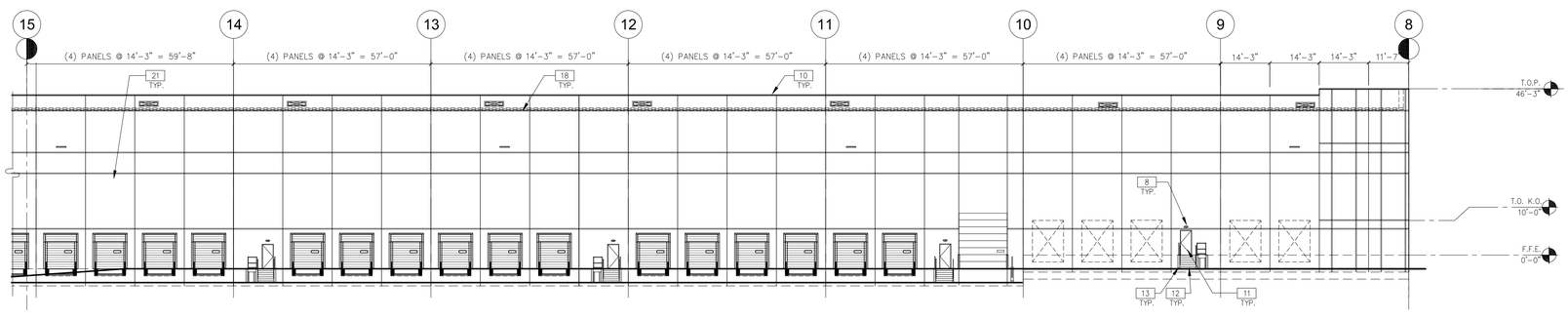
PARTIAL WEST BUILDING ELEVATION

SCALE: 3/64"=1'-0" — 2



PARTIAL WEST BUILDING ELEVATION

SCALE: 3/64"=1'-0" — 3



PARTIAL WEST BUILDING ELEVATION

SCALE: 3/64"=1'-0" — 4

ELEVATION NOTES

SEE SHEET A0.2 FOR GENERAL NOTES

1. INSULATED PRECAST WALL PANEL W/ REVEALS – TEXTURED COATING.
2. INSULATED PRECAST WALL JOINT. SEE DETAIL 3/A12.3
3. ALUMINUM GLAZING SYSTEM WITH 1" THICK LOW–E INSULATED GLASS.
4. FINISH GRADE, VARIES.
5. CONCRETE FOOTING, SEE STRUCTURAL DWG.
6. PRE–MANUFACTURED STEEL CANOPY STRUCTURE W/ PREFINISHED METAL FASCIA & COLUMNS W/ LED SURFACE MOUNTED LIGHT FIXTURES.TIE DOWNSPOUTS INTO UNDERGROUND STORM SYSTEM. SEE PLUMBING AND CIVIL DWG.
7. COMPOSITE ALUMINUM CANOPY W/ ADJUSTABLE STRUT ROD SUPPORTS. SEE DETAIL 19/A12.2a
8. WALL PACK LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS.
9. LINE OF ROOF BEYOND.
10. PREFINISHED METAL COPING.
11. PAINTED HOLLOW METAL DOOR AND FRAME.
12. STAIR AND RAILING. SEE DETAILS 1 & 11/A12.5
13. FIXED STEEL BOLLARD. SEE DETAIL 5/A12.1a
14. 9' X 10' VERTICAL LIFT OVERHEAD DOOR. SEE DOOR SCHEDULE.
15. 14' X 16' MOTORIZED HIGH LIFT INSULATED OVERHEAD DOOR & CONCRETE RAMP. SEE DOOR SCHEDULE AND DETAIL 13/A12.1a
16. ILLUMINATED BUILDING SIGN (BY OTHERS).
17. OVERFLOW DAYLIGHT DRAIN. SEE DETAIL 15/A12.2
18. SCUPPER OPENING. SEE DETAIL 13/A12.2
19. COMBINATION DOCK SEAL AND AQUASHIELD RAIN SEALING SYSTEM.
20. OVERFLOW EXITING. SEE DETAIL 21/A12.1
21. NOT USED. RESERVED
22. PRE–FINISHED METAL LOUVER – SEE MECH. DWG. COORDINATE ROUGH OPENING SIZE WITH ACTUAL LOUVER SIZE.
23. INSTALL SAFETY & SECURITY FILM TO WHERE EXPOSED TO WAREHOUSE (EXCLUDED PANELS AT OFFICES) 15'–0" A.F.F. & LOWER.
24. STAIR TOWER BEYOND.

LEGEND

VISION GLASS: 1" INSULATING GLAZING WITH "LOW–E": OUTBOARD LITE: GUARDIAN CRYSTALGRAY W/ SUNGUARD SUPERNEUTRAL 62/27 ON #2 SURFACE. INBOARD LITE: CLEAR.

SPANDREL GLASS: AS PER VISION W/ ICD HIGH PERFORMANCE 3–0770 WARM GRAY COATING ON #4 SURFACE.

DESIGN CRITERIA FOR ALL GLASS USED ON THE ENVELOPE OF THE BUILDING: U FACTOR = 0.29, VT =.44, AND SHGC = 0.22
GLASS WIND LOAD RESISTANCE CALCULATIONS ARE UNDER SEPARATE PERMIT.

(T) TEMPERED GLASS.

COLOR LEGEND

SEE SHEET A4.7 FOR COLOR PALETTE

PROVIDE 6'–0" WIDE PAINT COLOR MOCK–UP FULL HEIGHT OF BUILDING FOR OWNER/ARCHITECT REVIEW.

P–1: TEXTURED ACRYLIC COATING
SHERWIN WILLIAMS
MATCH COLOR SW#7049 "NUANCE"
(RGB 266 – 244 – 214)

P–2: TEXTURED ACRYLIC COATING
SHERWIN WILLIAMS
MATCH COLOR SW#7017 "DORIAN GRAY"
(RGB 172 – 167 – 158)

P–3: TEXTURED ACRYLIC COATING
SHERWIN WILLIAMS
MATCH COLOR SW#7018 "DOVETAIL"
(RGB 144 – 138 – 131)

P–5: TEXTURED ACRYLIC COATING
SHERWIN WILLIAMS
MATCH COLOR SW#9174 "MOTH WING"
(RGB 160 – 144 – 127)

P–6: TEXTURED ACRYLIC COATING
ACCENT COLOUR TBD.

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BUILDING 3

HUDSON, NEW HAMPSHIRE

ELEVATIONS - WEST	
DATE	REMARKS
04/20/2020	PROGRESS SUBMITTAL

PA / PM:	JS/GY
DRAWN BY:	L.N.
JOB NO.:	xxx00–0000–00

SHEET

A4.3

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Mon, 20 Apr 2020