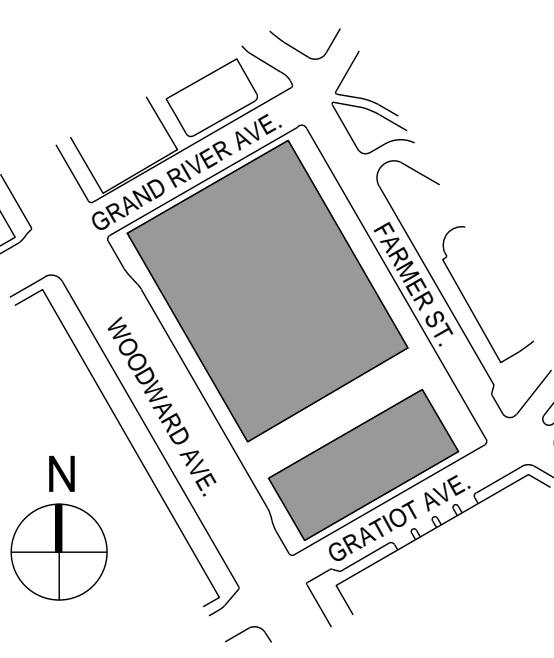
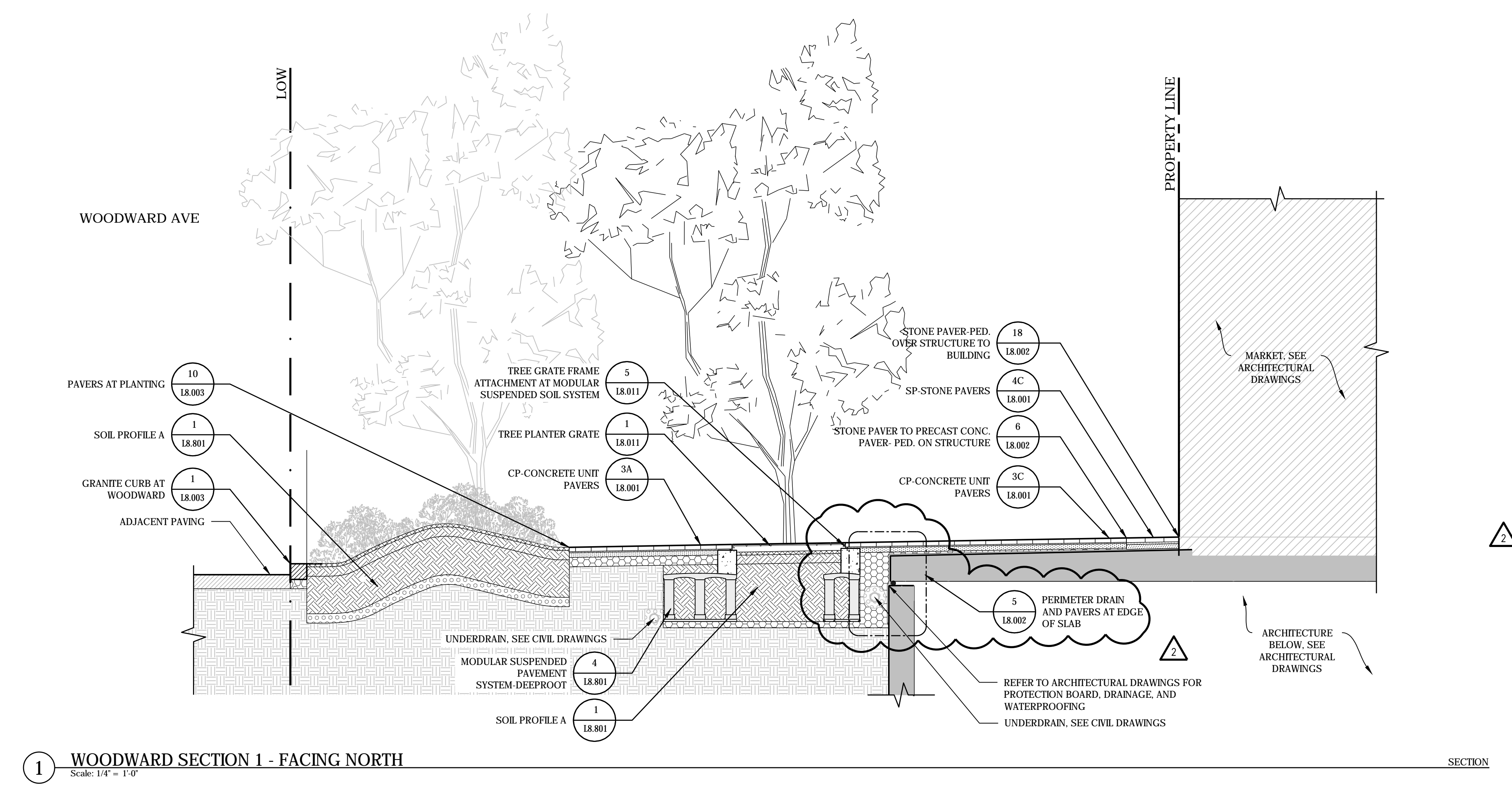
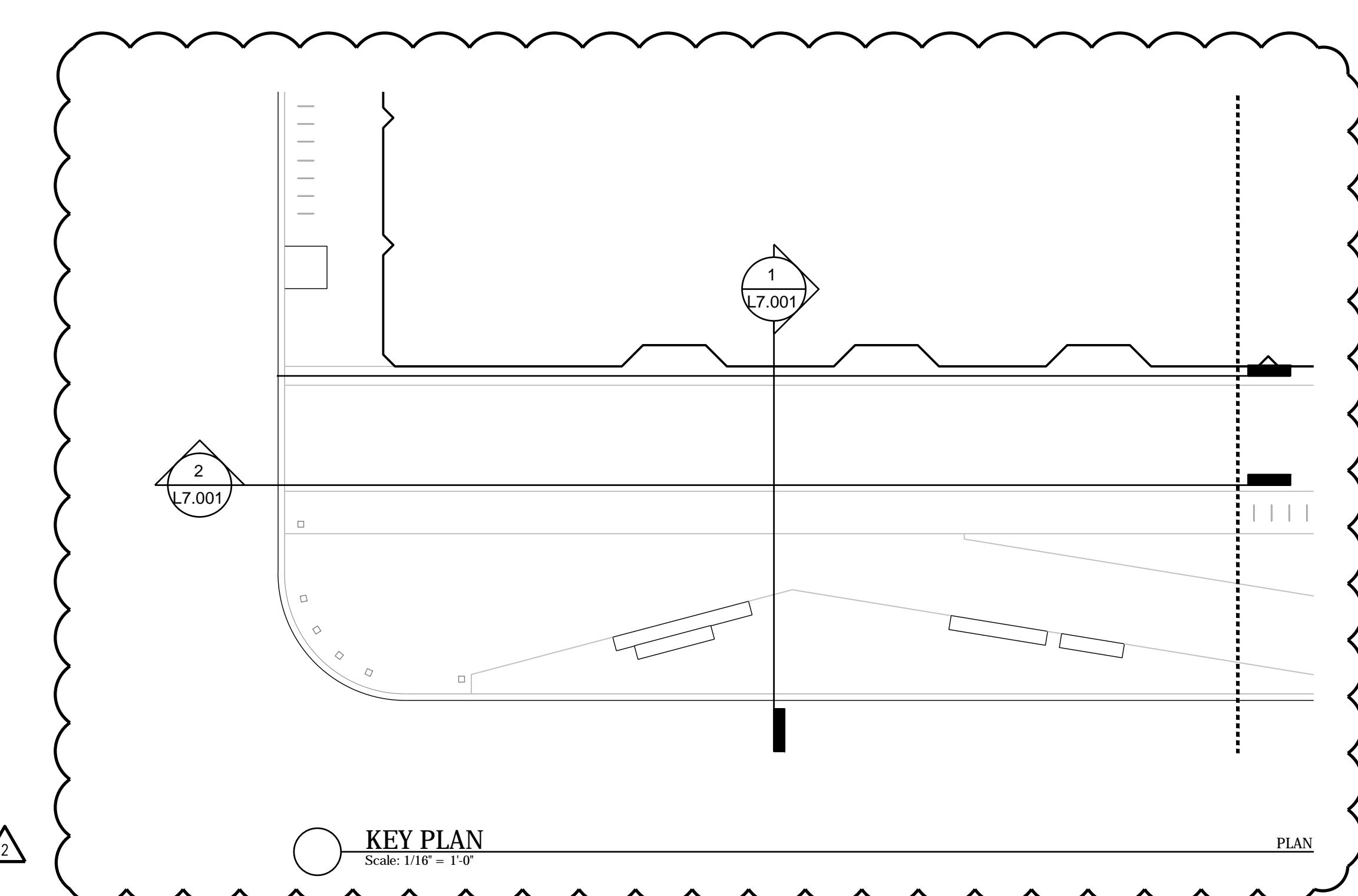
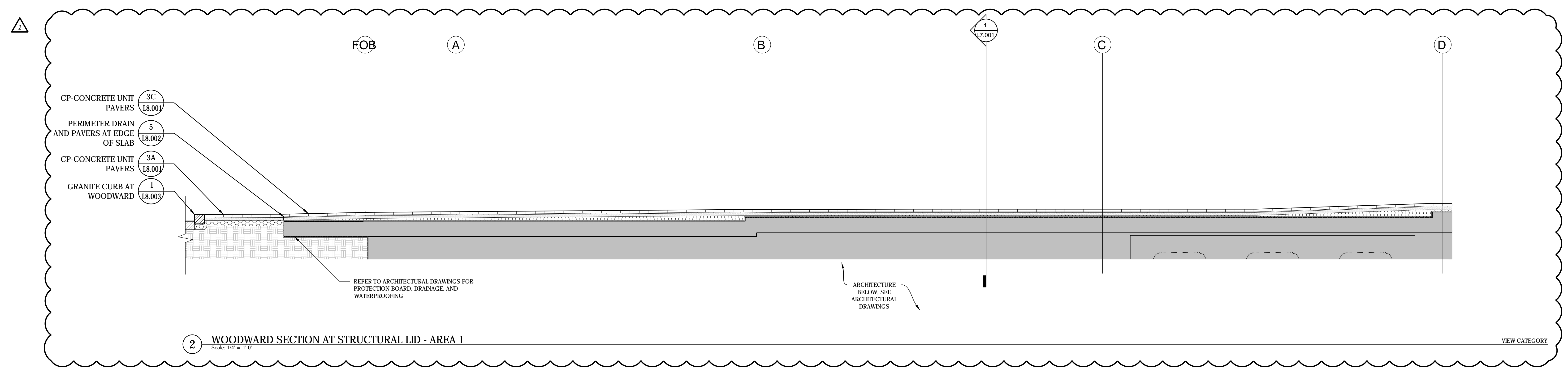




HUDSON'S SITE
DETROIT, MICHIGAN

- HUDSON REAL PROPERTY, LLC
Owner
- SHOP ARCHITECTS
Design Architect
- KENDALL/HEATON ASSOCIATES, INC.
Architect of Record
- HAMILTON ANDERSON ASSOCIATES
AOR Residential Interiors and Landscape
- SURFACEDSIGN, INC.
Design Landscape Architect
- BURGHAPPOID ENGINEERING
Structural and MEP/FF Engineer
LEED/WELL and Energy
- GIFFELS WEBSTER, INC.
Civil Engineering
- BARKER MOHANDAS LLC
Vertical Transportation Consultant
- WALKER CONSULTANTS
Parking Consultant
- HEINTGES CONSULTING ARCHITECTS
& ENGINEERS P.C.
Facade System Consultant
- ARUP GROUP LIMITED
Acoustics, AV, IT & Security Consultant
- THEATRE PROJECTS CONSULTANTS
Theatre And Theatre A/V Consultant
- WC&PARTNERS
Kitchen and Food Service Consultant
- CODE CONSULTANTS, INC.
Code Consultant
- LERCH BATES & ASSOCIATES
Facade Maintenance Consultant
- DOT DASH
Lighting Consultant
- AQUATECTONIC
Pool Consultant
- 2 X 4
Signage Consultant



NO.	DATE	ISSUE
2	28 JUN 20	BULLETIN NO. 13
1	15 MAY 20	BULLETIN NO. 11

PROJECT NUMBER: KHA-17023

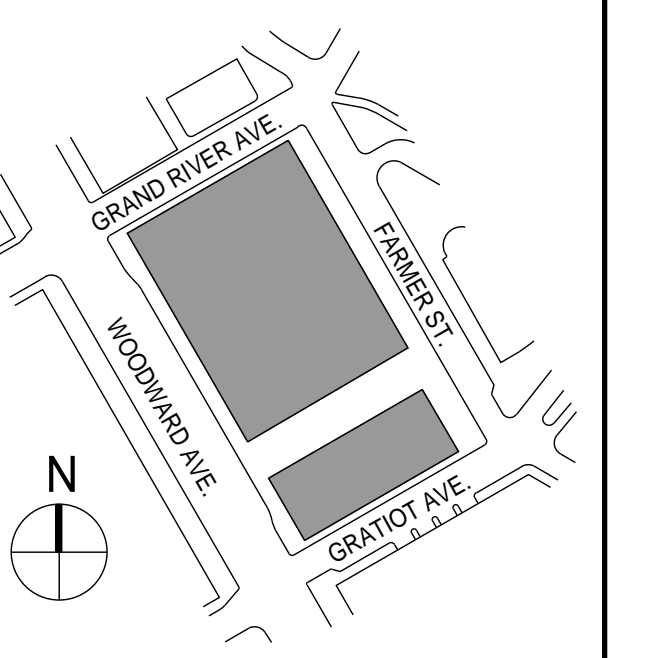
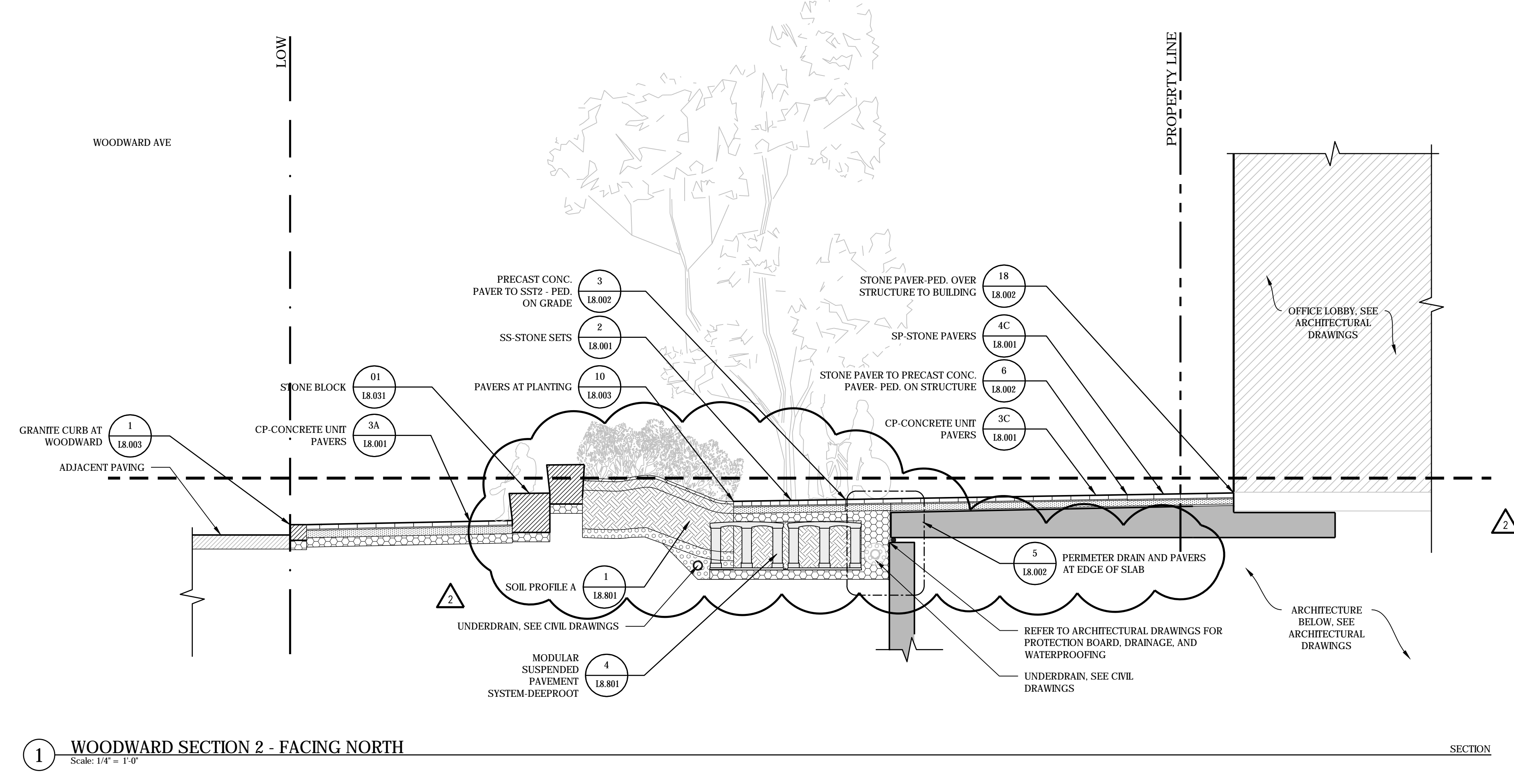
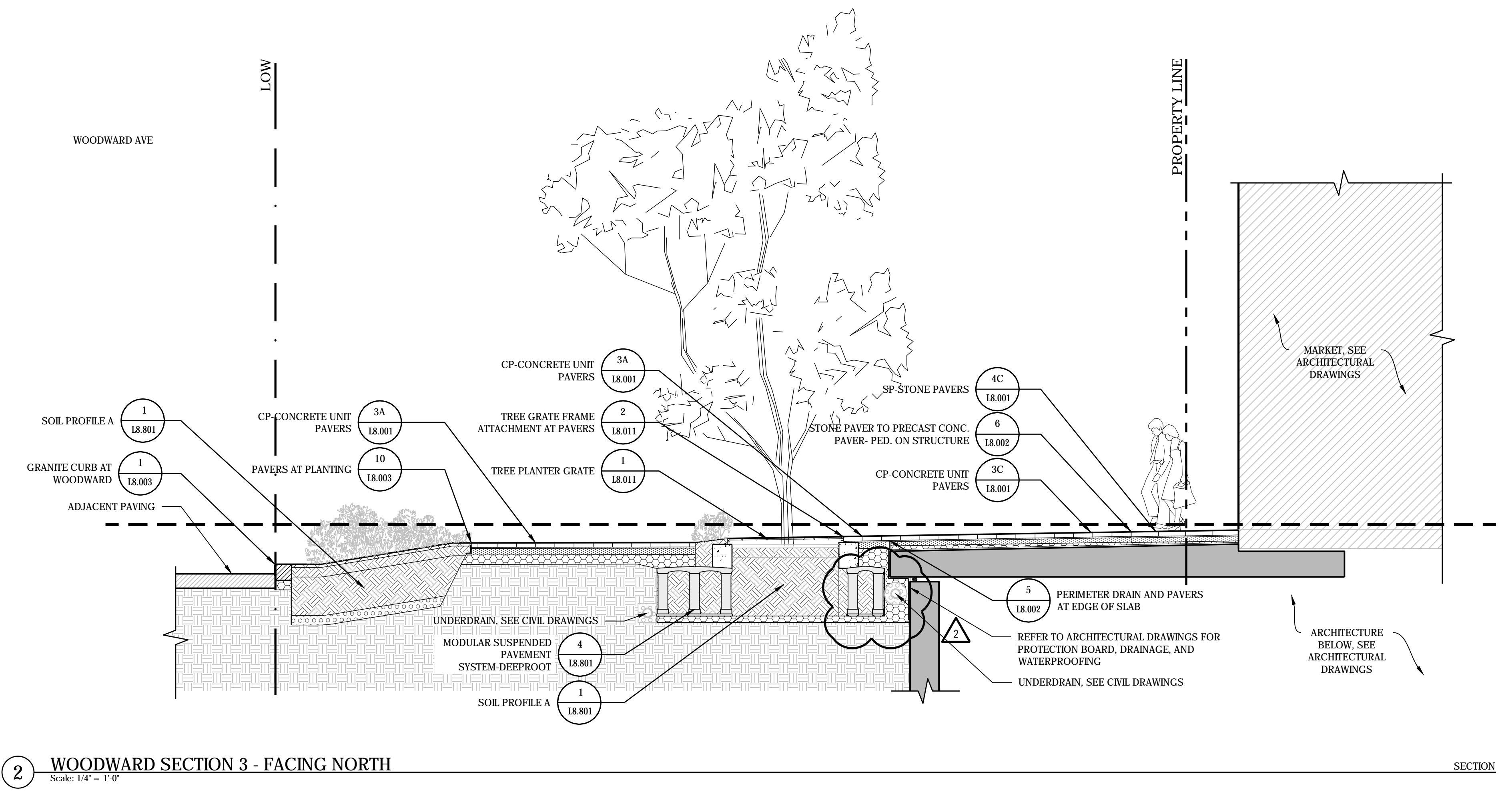
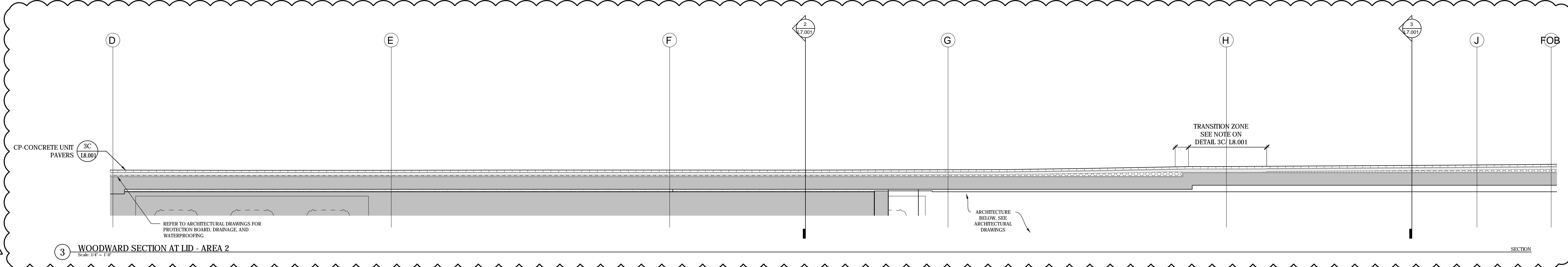
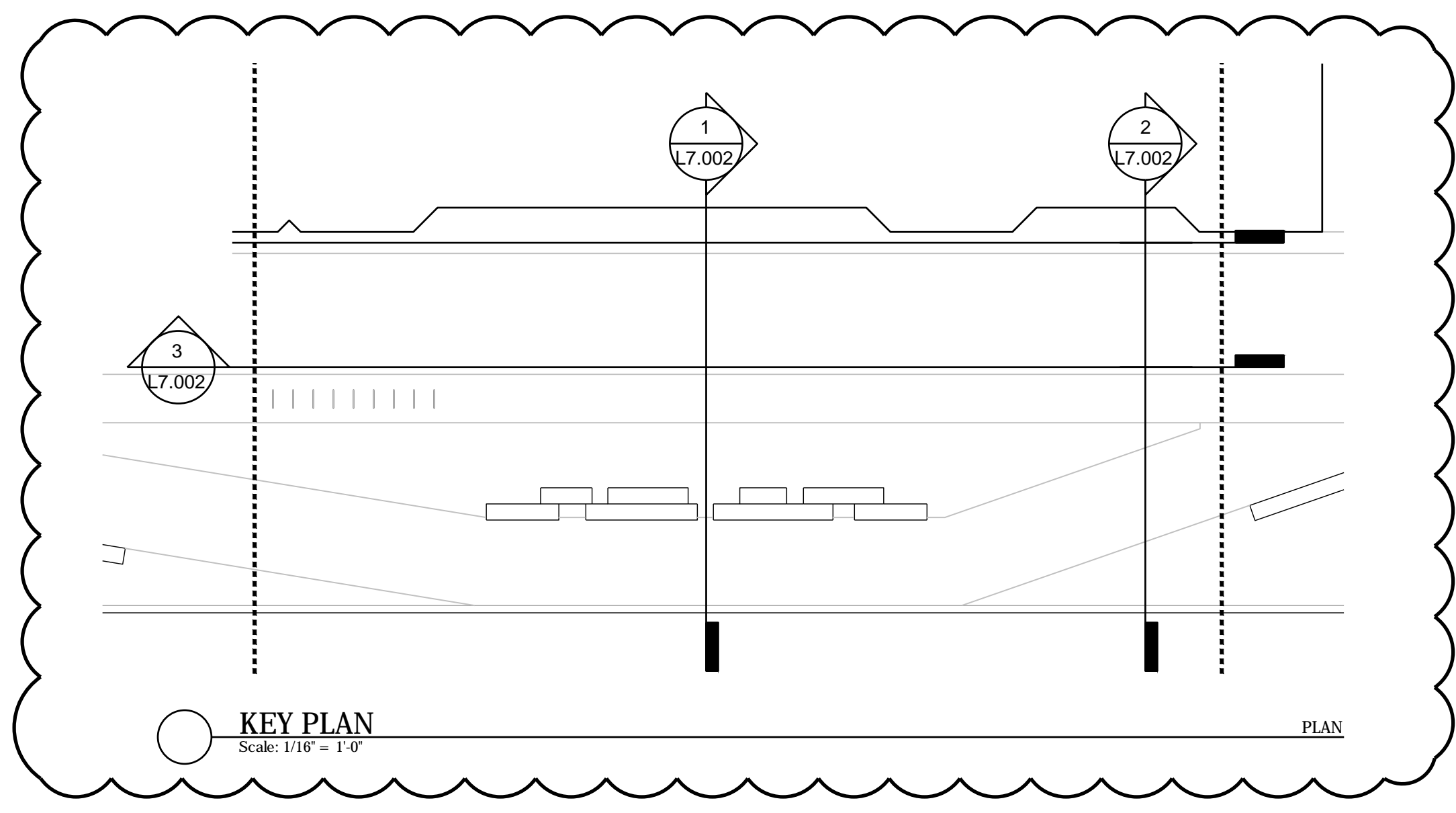
SITE SECTIONS - LEVEL 1

DRAWING NUMBER
L7.001



HUDSON'S SITE
DETROIT, MICHIGAN

- HUDSON REAL PROPERTY, LLC
Owner
- SHOP ARCHITECTS
Design Architect
- KENDALL/HEATON ASSOCIATES, INC.
Architect of Record
- HAMILTON ANDERSON ASSOCIATES
AOR Residential Interiors and Landscape
- SURFACEDSIGN, INC.
Design Landscape Architect
- BUROHAPPOLD ENGINEERING
Structural and MEP/FF Engineer
LEED/WELL and Energy
- GIFFELS WEBSTER, INC.
Civil Engineering
- BARKER MOHANDAS LLC
Vertical Transportation Consultant
- WALKER CONSULTANTS
Parking Consultant
- HEINTGES CONSULTING ARCHITECTS
& ENGINEERS P.C.
Facade System Consultant
- ARUP GROUP LIMITED
Acoustics, AV, IT & Security Consultant
- THEATRE PROJECTS CONSULTANTS
Theatre And Theatre A/V Consultant
- WC&PARTNERS
Kitchen and Food Service Consultant
- CODE CONSULTANTS, INC.
Code Consultant
- LERCH BATES & ASSOCIATES
Facade Maintenance Consultant
- DOT DASH
Lighting Consultant
- AQUATECTONIC
Pool Consultant
- 2 X 4
Signage Consultant



NO.	DATE	BULLETIN NO.	ISSUE
2	28 JUN 20	BULLETIN NO. 13	
1	15 MAY 20	BULLETIN NO. 11	

PROJECT NUMBER: NHA-17023
DRAWING TITLE: **SITE SECTIONS - LEVEL 1**

DRAWING NUMBER: **L7.002**



HUDSON'S SITE
DETROIT, MICHIGAN

HUDSON REAL PROPERTY, LLC
Owner

SHOP ARCHITECTS
Design Architect

KENDALL/HEATON ASSOCIATES, INC.
Architect of Record

HAMILTON ANDERSON ASSOCIATES
AOR Residential Interiors and Landscape

SURFACEDSIGN, INC.
Design Landscape Architect

BURHAPPOLD ENGINEERING
Structural and MEP/FP Engineer
LEED/WELL and Energy

GIFFELS WEBSTER, INC.
Civil Engineering

BARKER MOHANDAS LLC
Vertical Transportation Consultant

WALKER CONSULTANTS
Parking Consultant

HEINTGES CONSULTING ARCHITECTS & ENGINEERS P.C.
Facade Systems Consultant

ARUP GROUP LIMITED
Acoustics, AV, IT, & Security Consultant

THEATRE PROJECTS CONSULTANTS
Theatre And Theatre A/V Consultant

WC&PARTNERS
Kitchen and Food Service Consultant

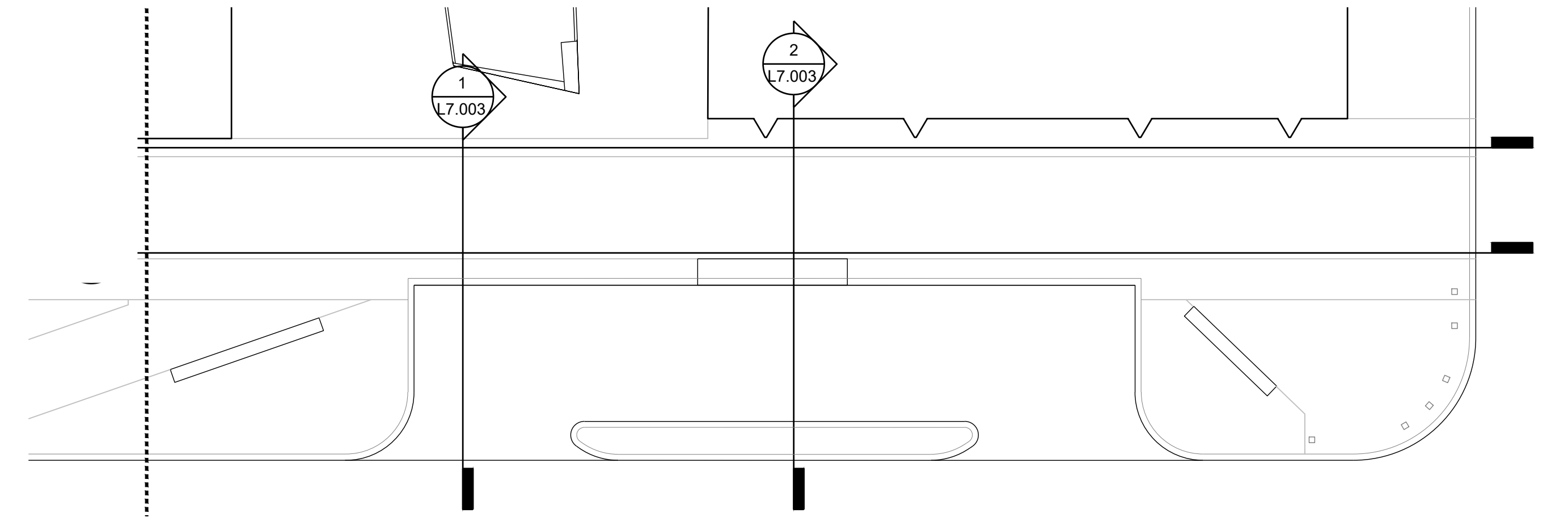
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Code Consultant

LERCH BATES & ASSOCIATES
Facade Maintenance Consultant

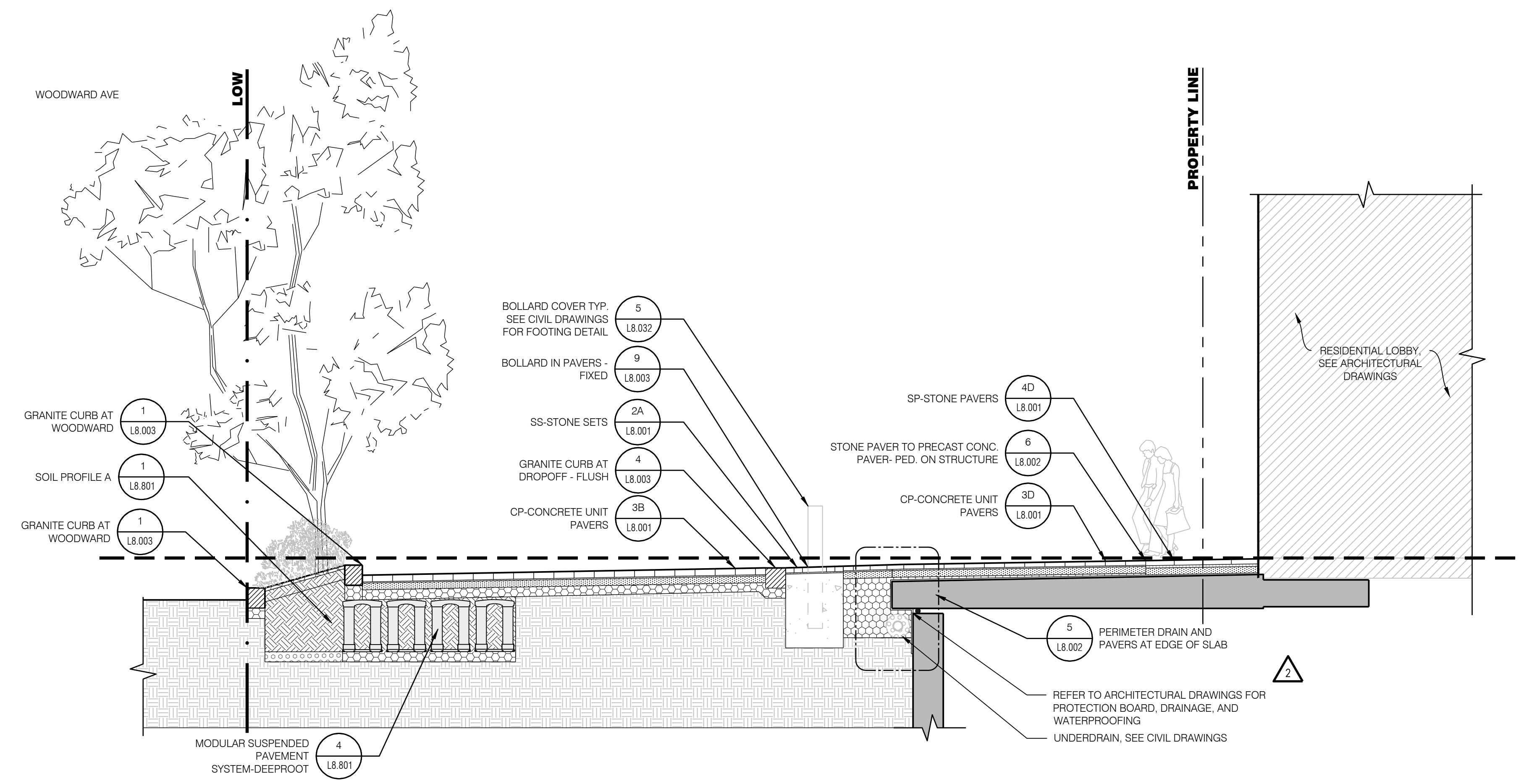
DOT DASH
Lighting Consultant

AQUATECTONIC
Pool Consultant

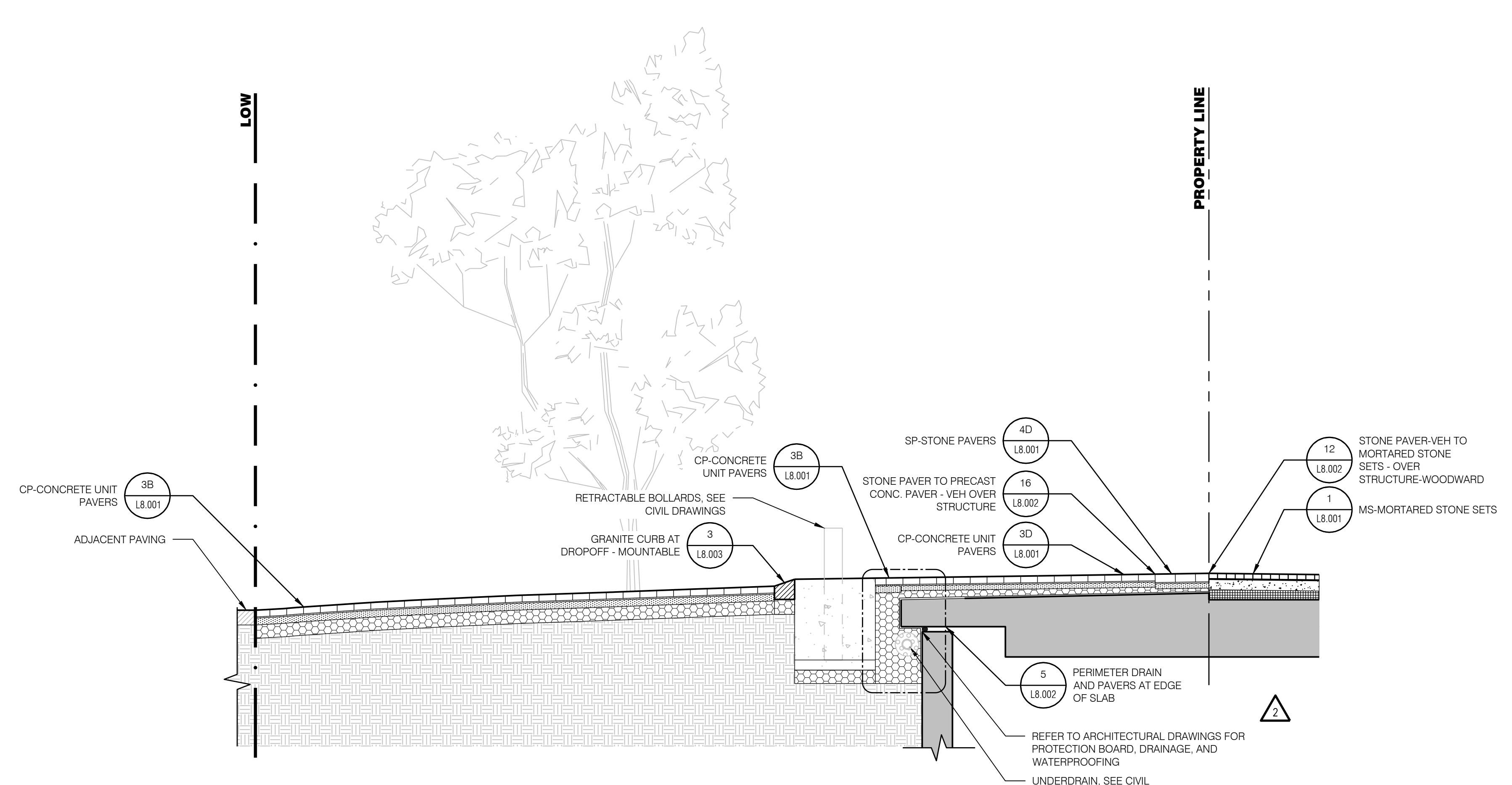
2 X 4
Signage Consultant



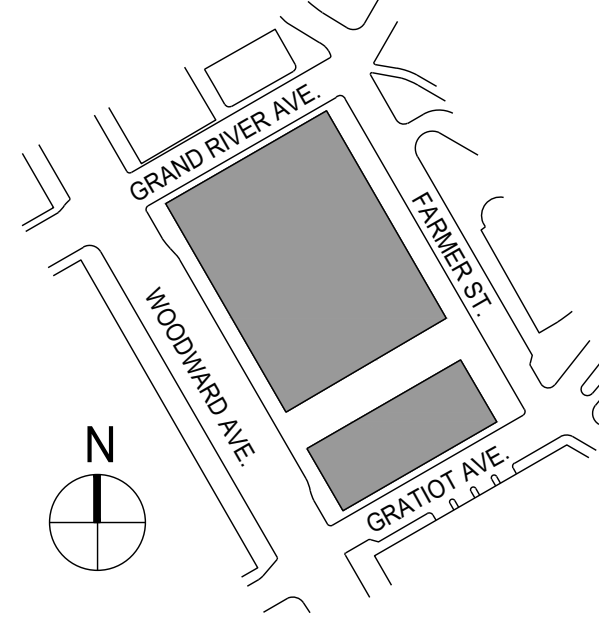
KEY PLAN
Scale: 1/8" = 1'-0"
PLAN



WOODWARD SECTION 5 - HOTEL AND RESIDENTIAL DROP-OFF
Scale: 1/8" = 1'-0"
SECTION



WOODWARD SECTION 4 - HOTEL AND RESIDENTIAL DROP-OFF
Scale: 1/8" = 1'-0"
SECTION



NO.	DATE	ISSUE
3	23 APR 21	BULLETIN NO. 29
2	26 JUN 20	BULLETIN NO. 13
1	15 MAY 20	BULLETIN NO. 11

PROJECT NUMBER N/A-17033

DRAWING TITLE

SITE SECTIONS - LEVEL 1

DRAWING NUMBER
L7.003



HUDSON'S SITE
DETROIT, MICHIGAN

HUDSON REAL PROPERTY, LLC
Owner

SHOP ARCHITECTS
Design Architect

KENDALL/HEATON ASSOCIATES, INC.
Architect of Record

HAMILTON ANDERSON ASSOCIATES
AOR Residential Interiors and Landscape

SURFACEDESIGN, INC.
Design Landscape Architect

BURGHAPPOLD ENGINEERING
Structural and MEP/FP Engineer
LEED/WELL and Energy

GIFFELS WEBSTER, INC.
Civil Engineering

BARKER MOHANDAS LLC
Vertical Transportation Consultant

WALKER CONSULTANTS
Parking Consultant

HEINTGES CONSULTING ARCHITECTS & ENGINEERS P.C.
Facade Systems Consultant

ARUP GROUP LIMITED
Acoustics, AV, IT, & Security Consultant

THEATRE PROJECTS CONSULTANTS
Theatre And Theatre A/V Consultant

WC&PARTNERS
Kitchen and Food Service Consultant

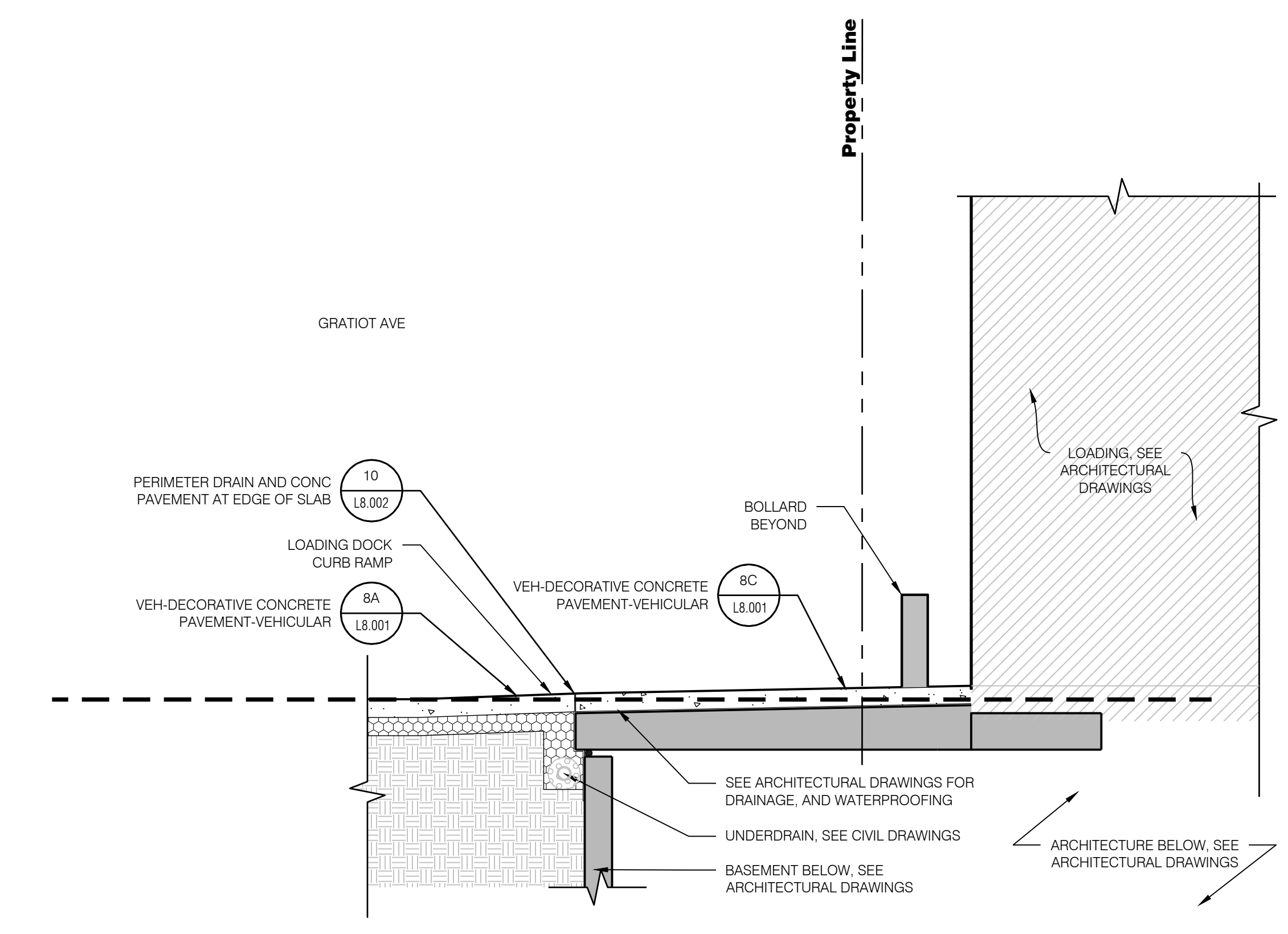
CODE CONSULTANTS, INC.
Code Consultant

LERCH BATES & ASSOCIATES
Facade Maintenance Consultant

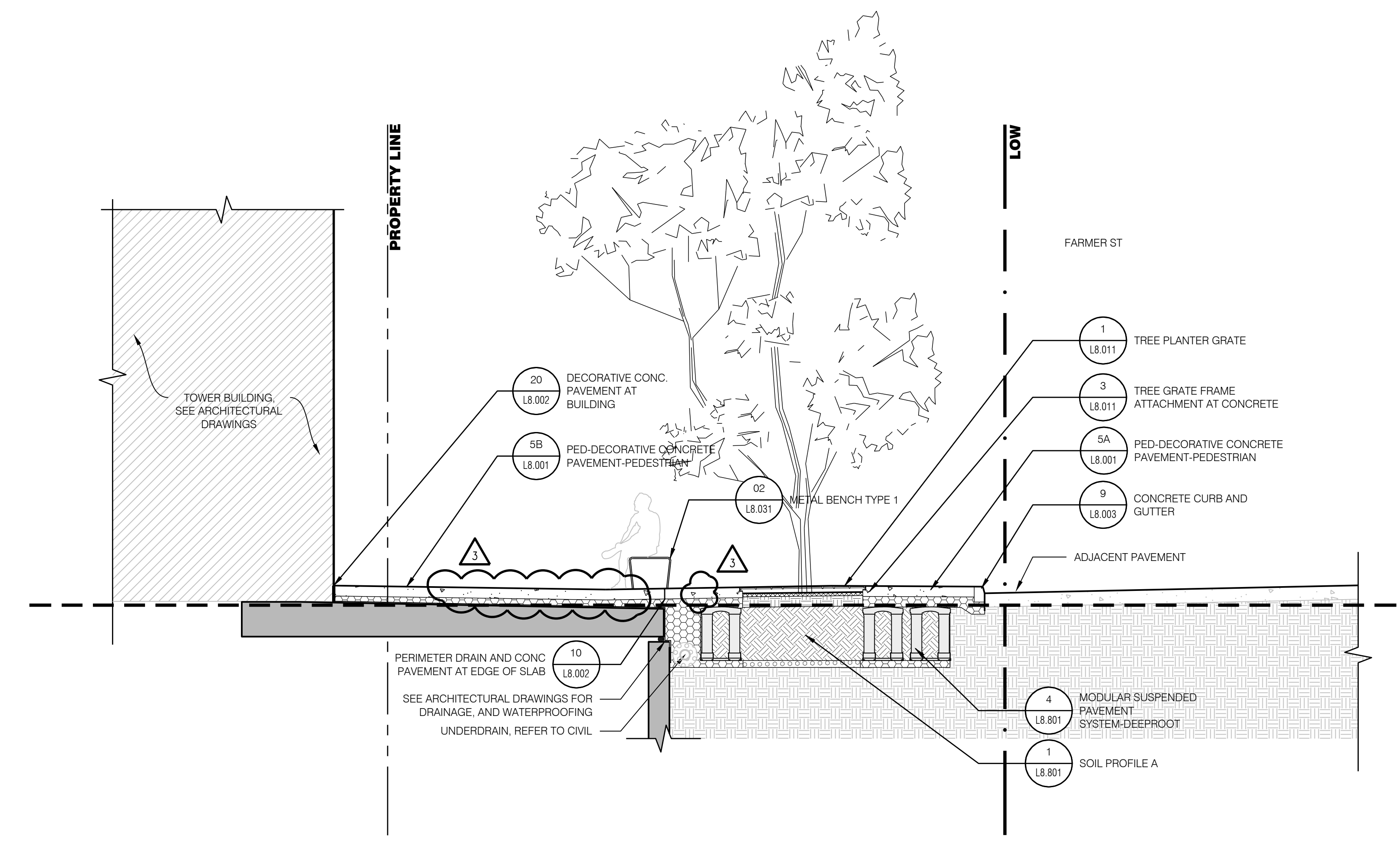
DOT DASH
Lighting Consultant

AQUATECTONIC
Pool Consultant

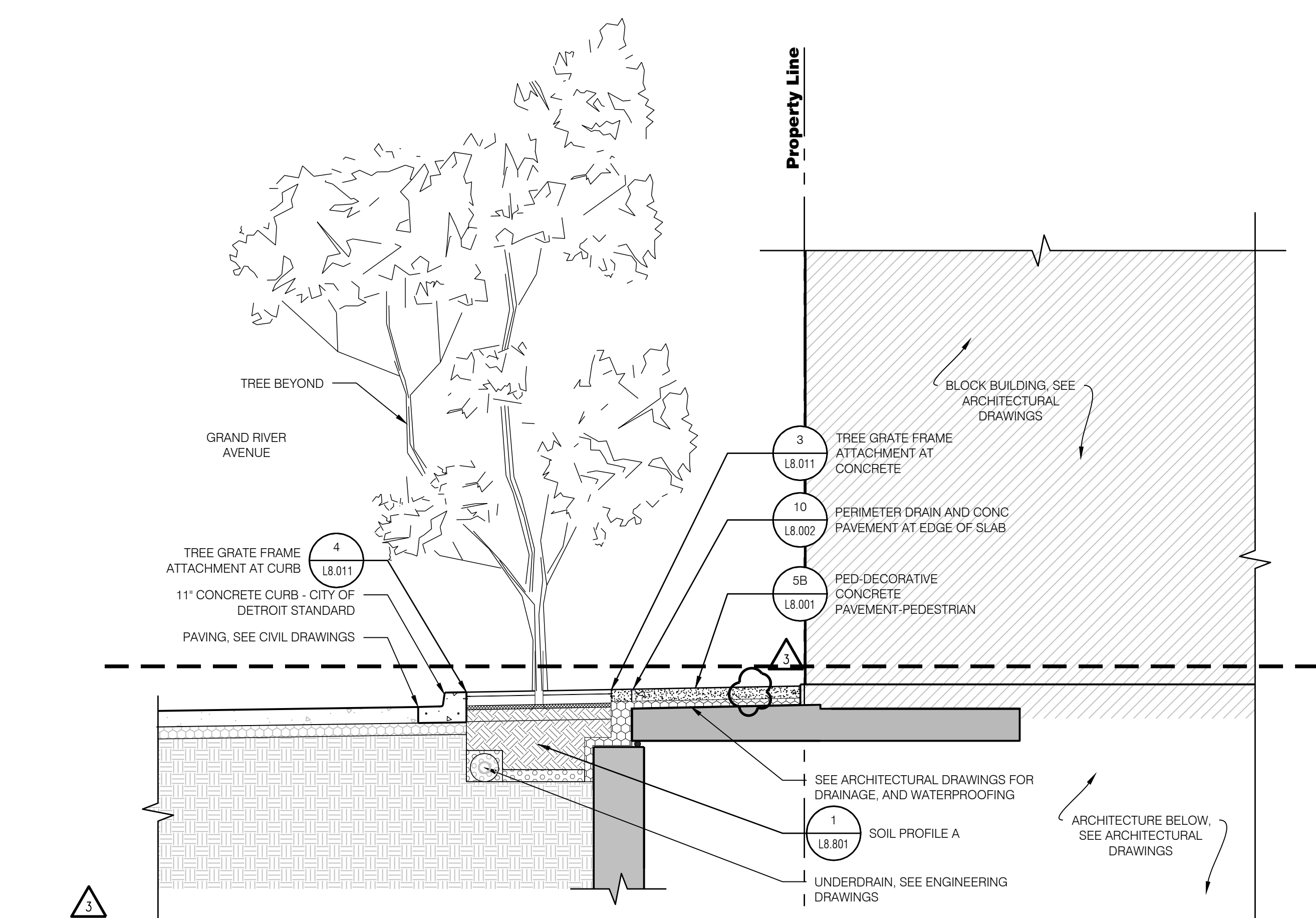
2 X 4
Signage Consultant



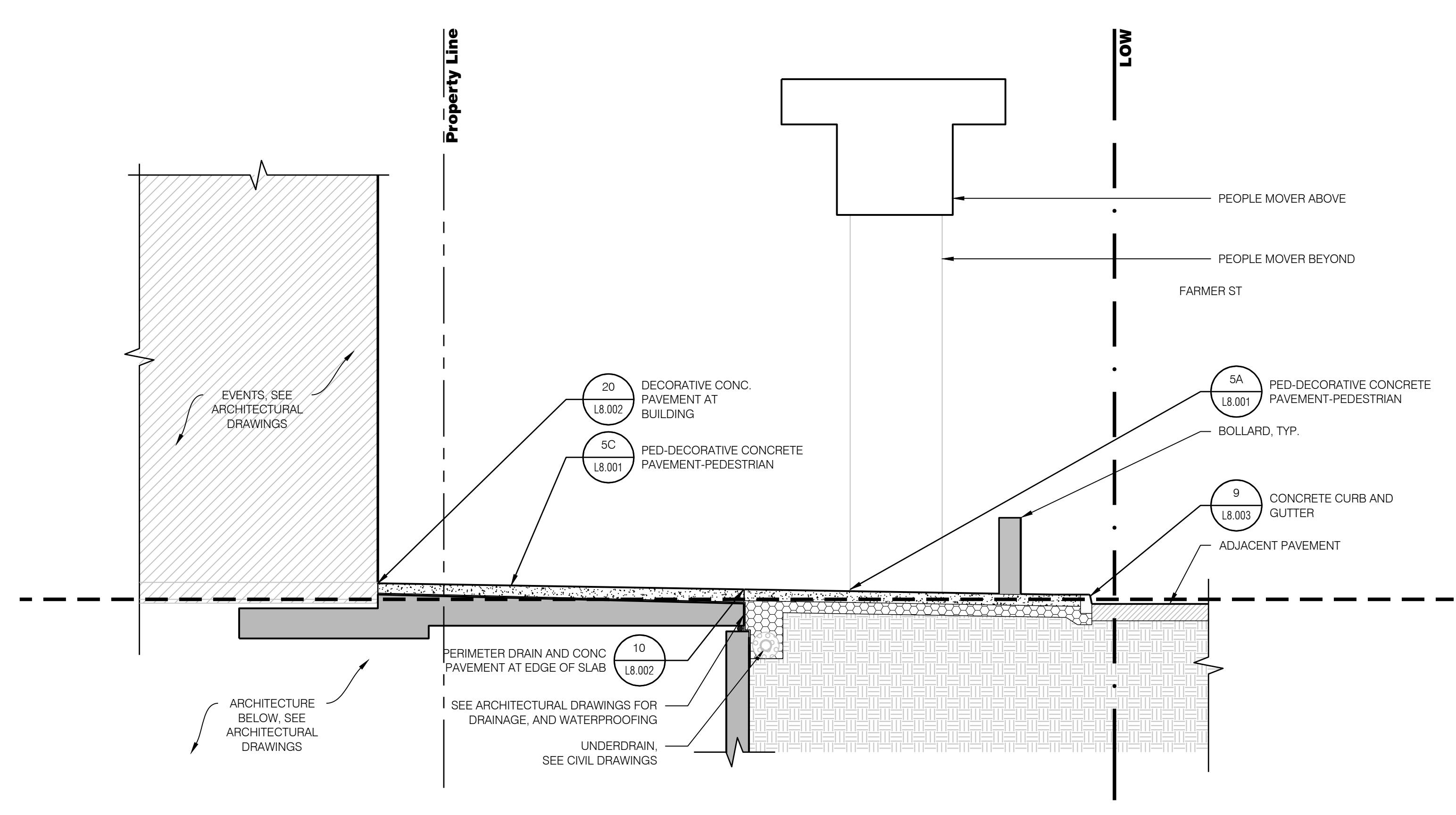
3 GRATIOT SECTION FACING WEST
Scale: 1/4" = 1'-0"



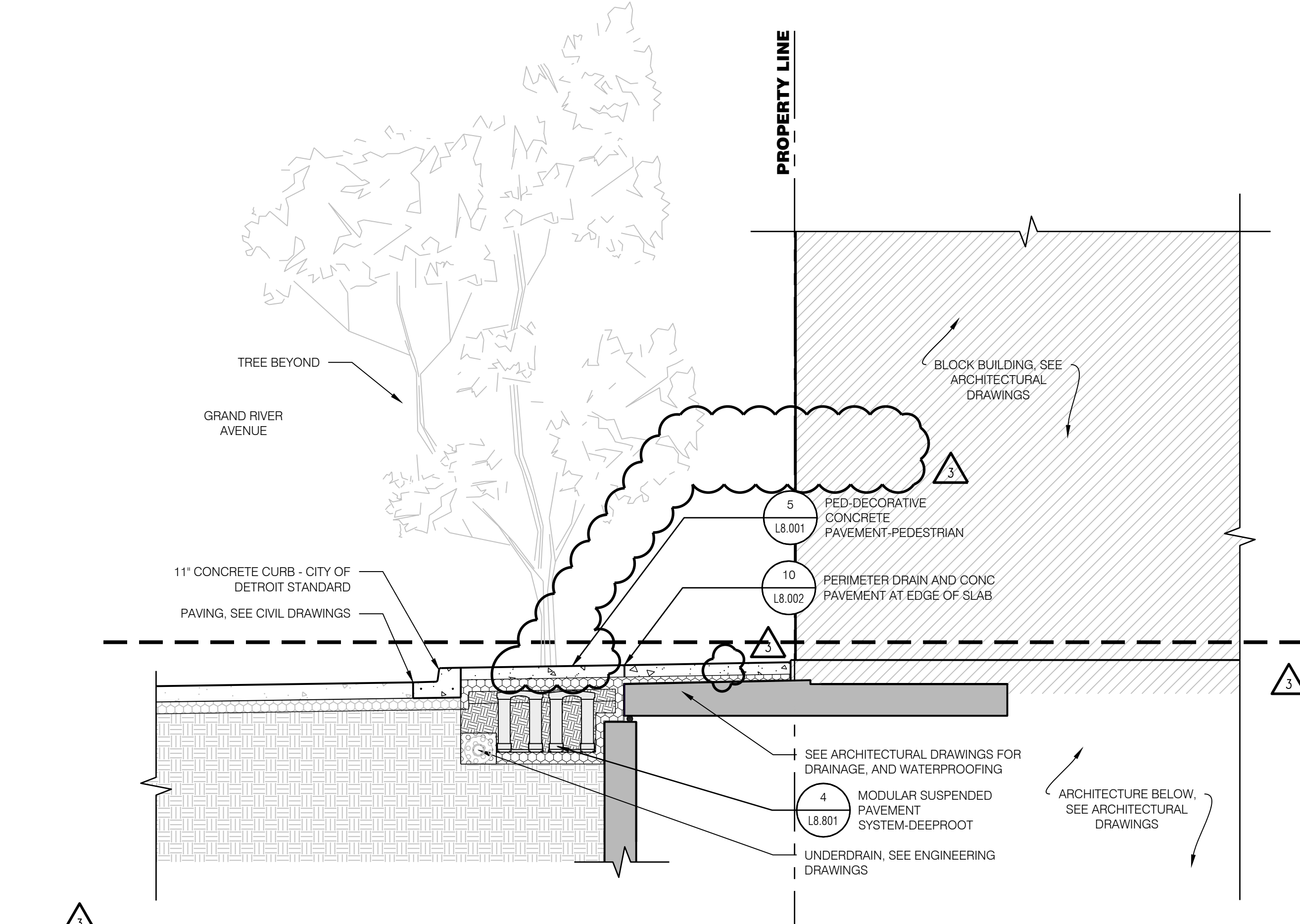
5 FARMER STREET SECTION AT SEATING
Scale: 1/4" = 1'-0"



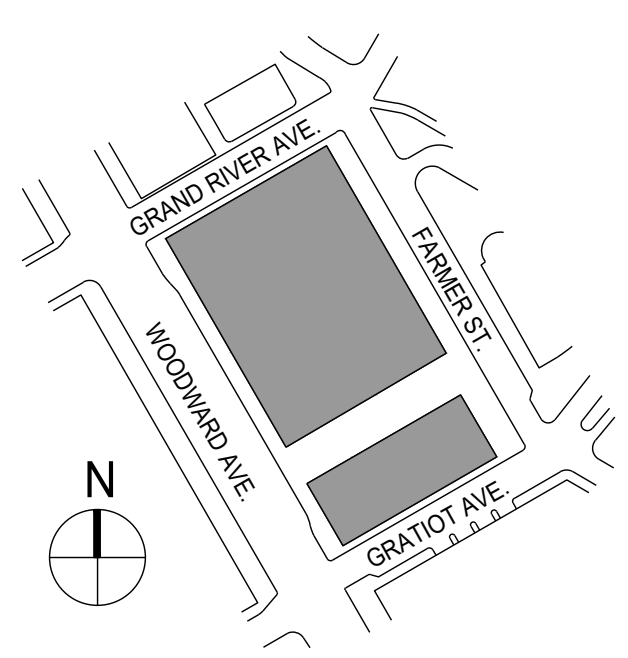
2 GRAND RIVER SECTION 2 - FACING EAST
Scale: 1/4" = 1'-0"



4 FARMER SECTION - FACING NORTH
Scale: 1/4" = 1'-0"



1 GRAND RIVER SECTION - FACING EAST
Scale: 1/4" = 1'-0"



NO.	DATE	ISSUE
3	04 APR 22	BULLETIN NO. 45
2	26 JUN 20	BULLETIN NO. 13
1	15 MAY 20	BULLETIN NO. 11

PROJECT NUMBER: NHA-17003

DRAWING TITLE

SITE SECTIONS - LEVEL 1

DRAWING NUMBER
L7.004



HUDSON'S SITE
DETROIT, MICHIGAN

HUDSON REAL PROPERTY, LLC
Owner

ShOp ARCHITECTS
Design Architect

KENDALL/HEATON ASSOCIATES, INC.
Architect of Record

HAMILTON ANDERSON ASSOCIATES
AOR Residential Interiors and Landscape

SURFACEDESIGN, INC.
Design Landscape Architect

BUROHAPPOLD ENGINEERING
Structural and MEP/FP Engineer
LEED/WELL and Energy

GIFFELS WEBSTER, INC.
Civil Engineering

BARKER MOHANDAS LLC
Vertical Transportation Consultant

WALKER CONSULTANTS
Parking Consultant

HEINTGES CONSULTING ARCHITECTS & ENGINEERS P.C.
Facade Systems Consultant

ARUP GROUP LIMITED
Acoustics, AV, IT, & Security Consultant

THEATRE PROJECTS CONSULTANTS
Theatre And Theatre A/V Consultant

WC&PARTNERS
Kitchen and Food Service Consultant

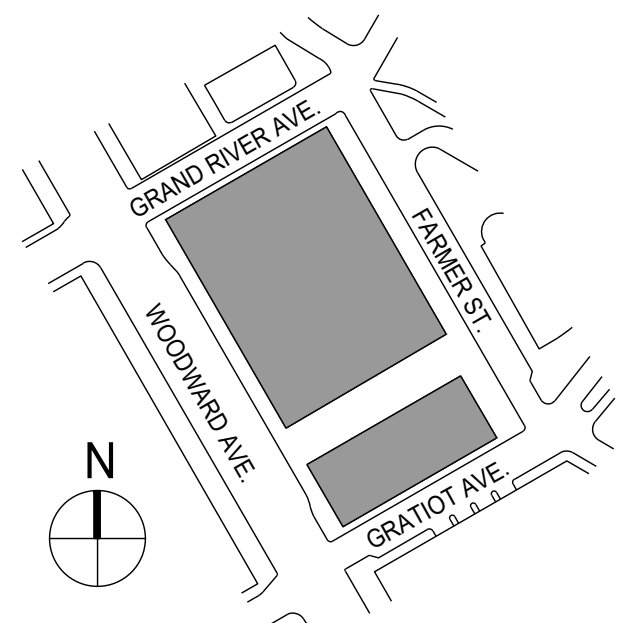
CODE CONSULTANTS, INC.
Code Consultant

LERCH BATES & ASSOCIATES
Facade Maintenance Consultant

DOT DASH
Lighting Consultant

AQUATECTONIC
Pool Consultant

2 X 4
Signage Consultant



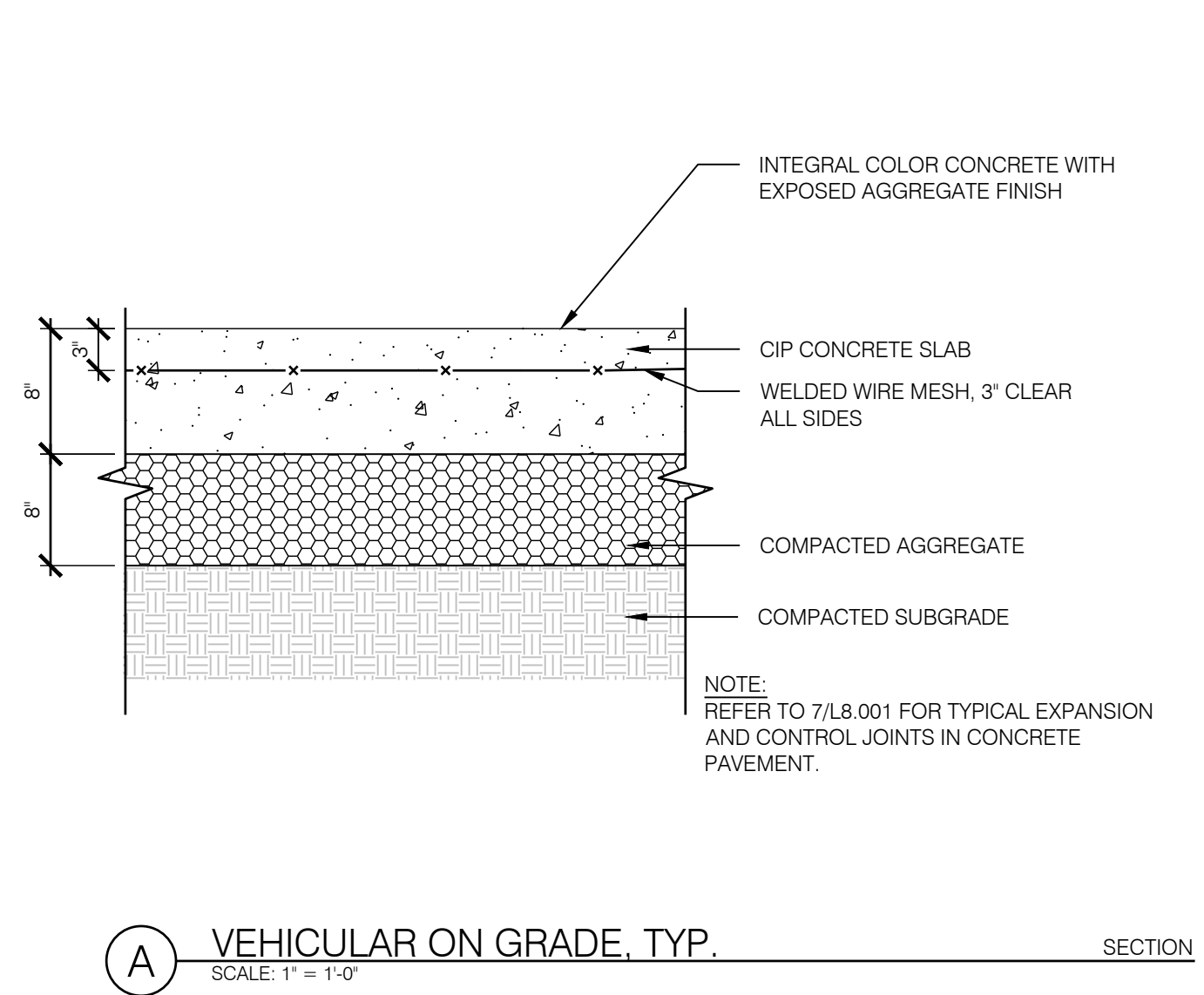
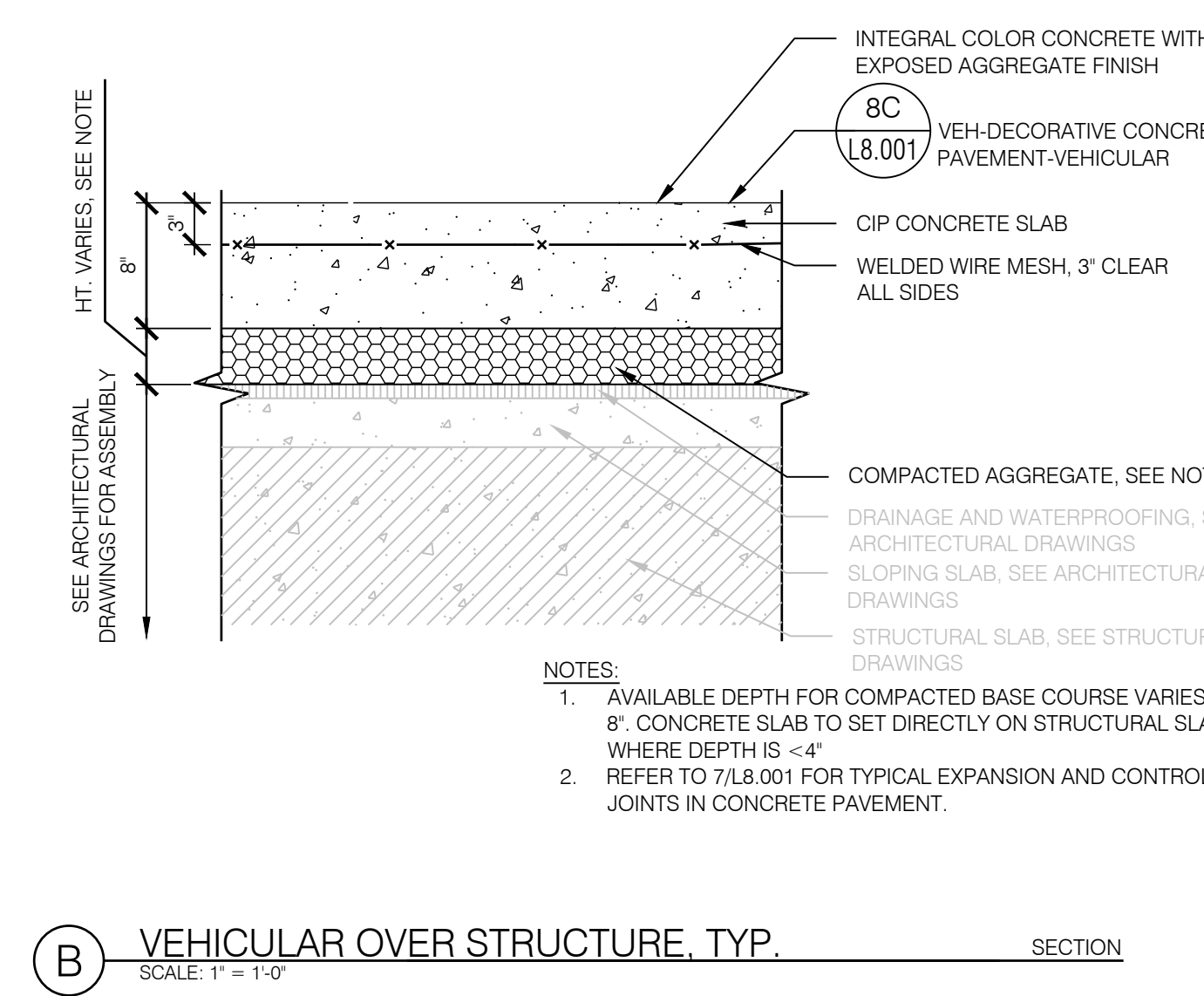
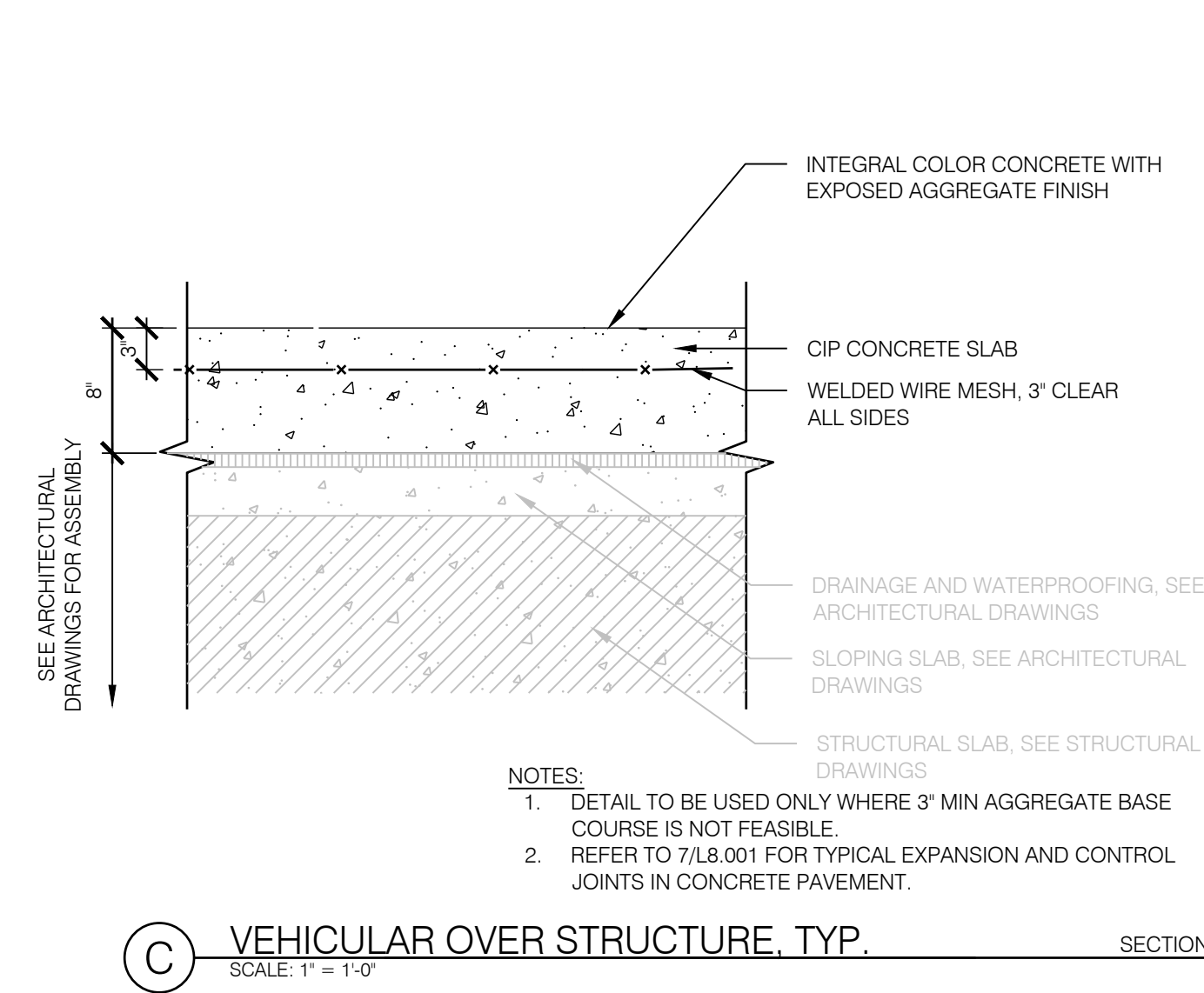
NO.	DATE	ISSUE
6	04 APR 22	BULLETIN NO. 45
4	23 APR 21	BULLETIN NO. 29
3	09 OCT 20	BULLETIN NO. 18
2	26 JUN 20	BULLETIN NO. 13
1	15 MAY 20	BULLETIN NO. 11

PROJECT NUMBER: KHA-17033

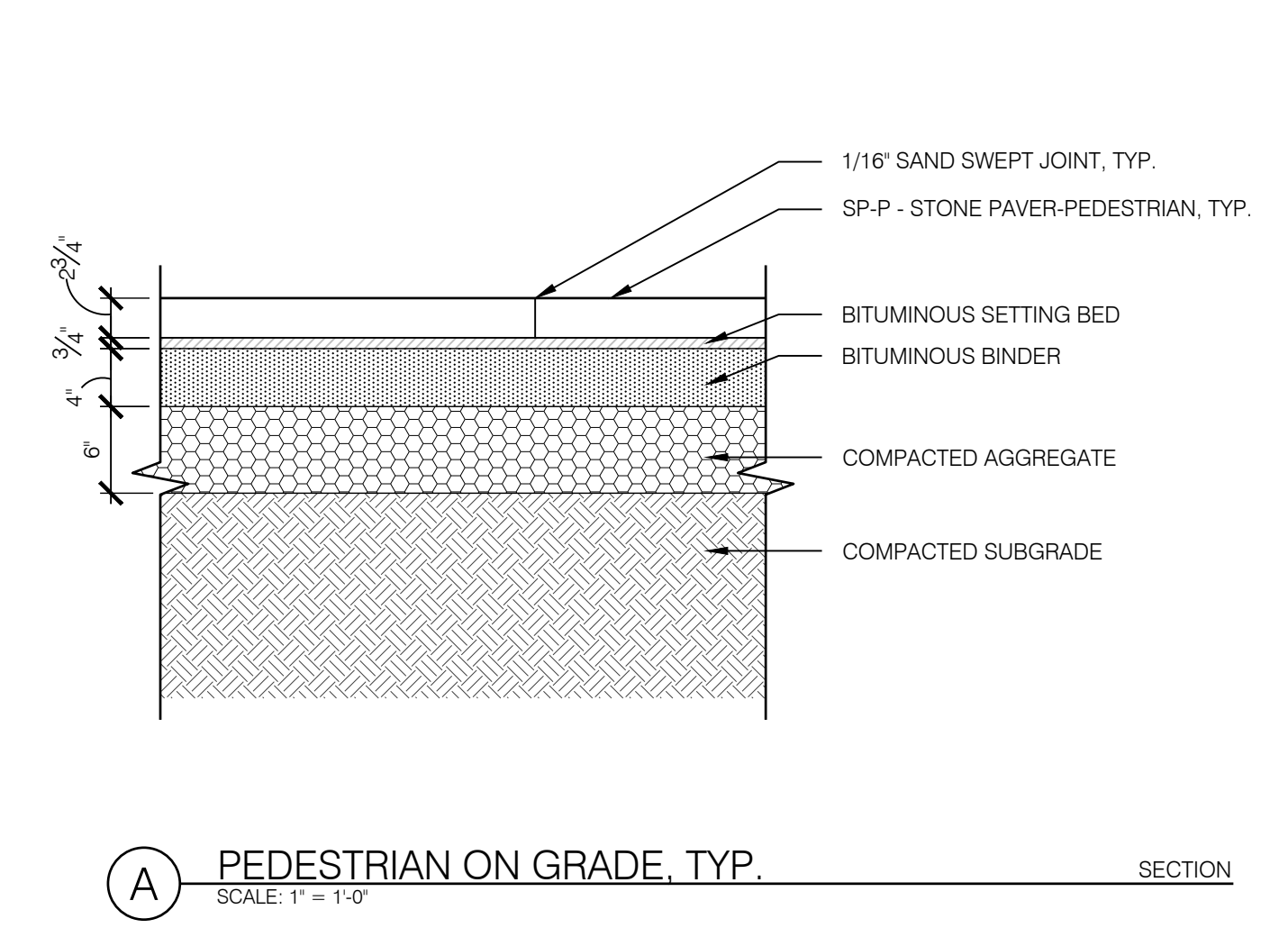
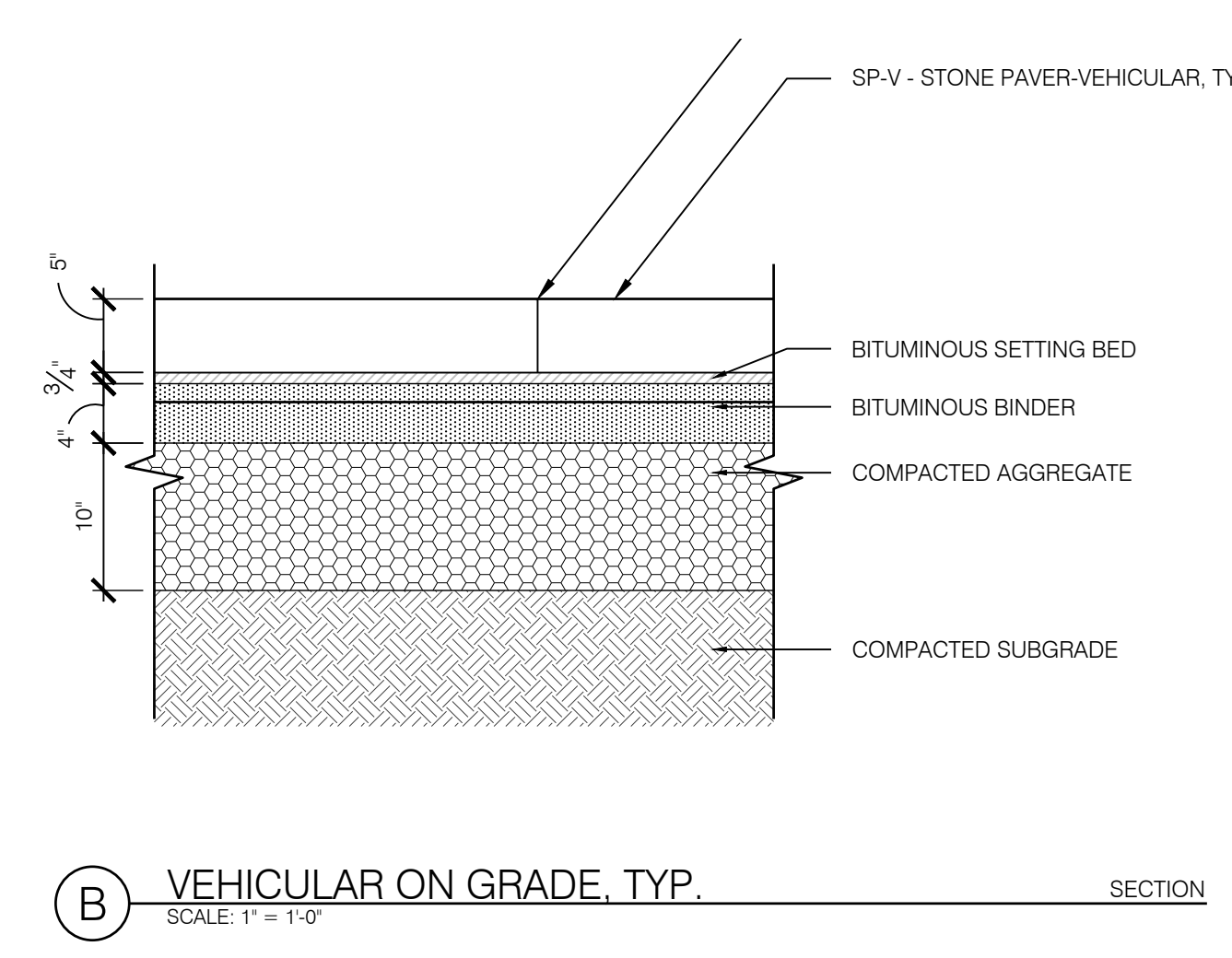
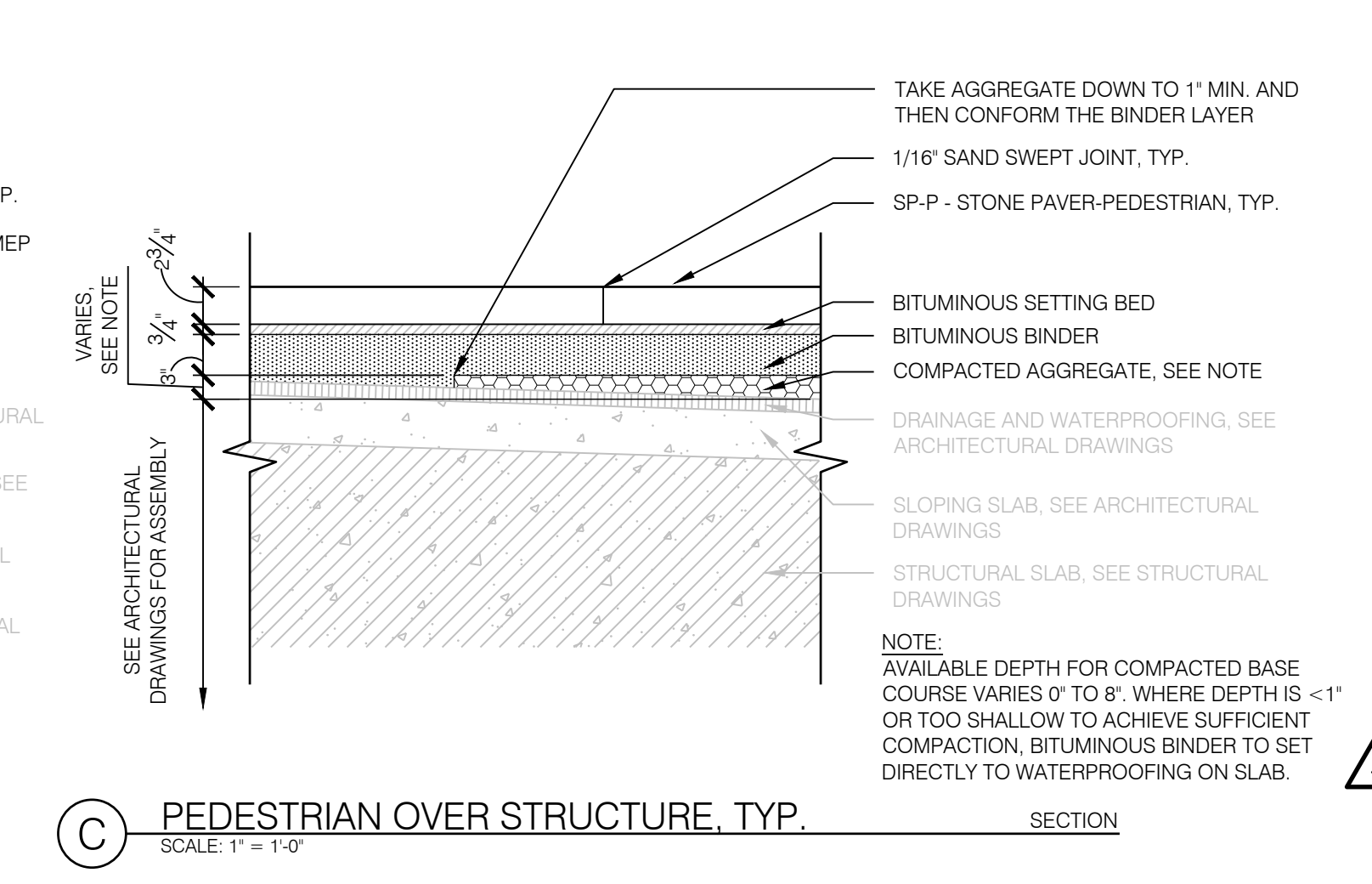
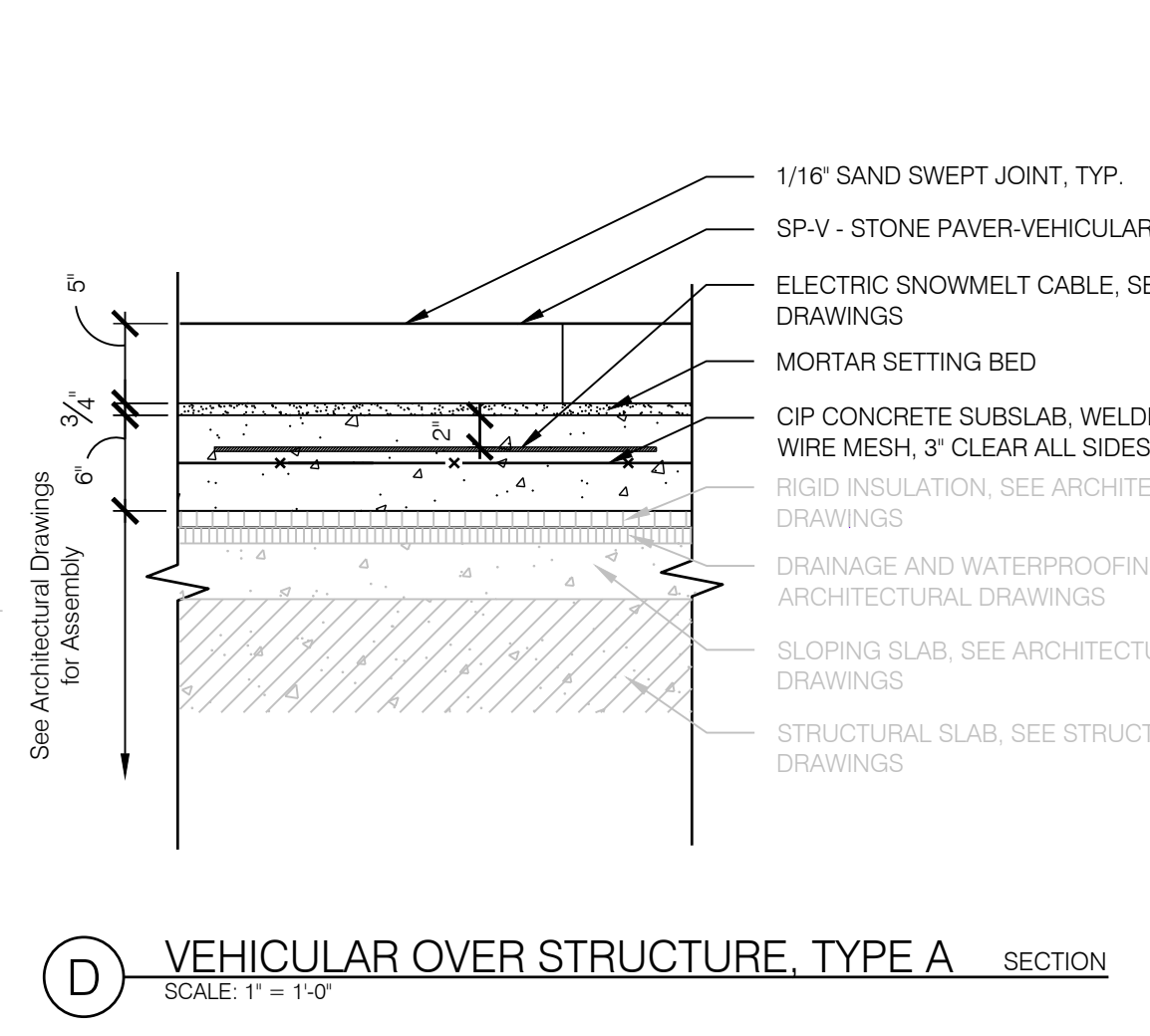
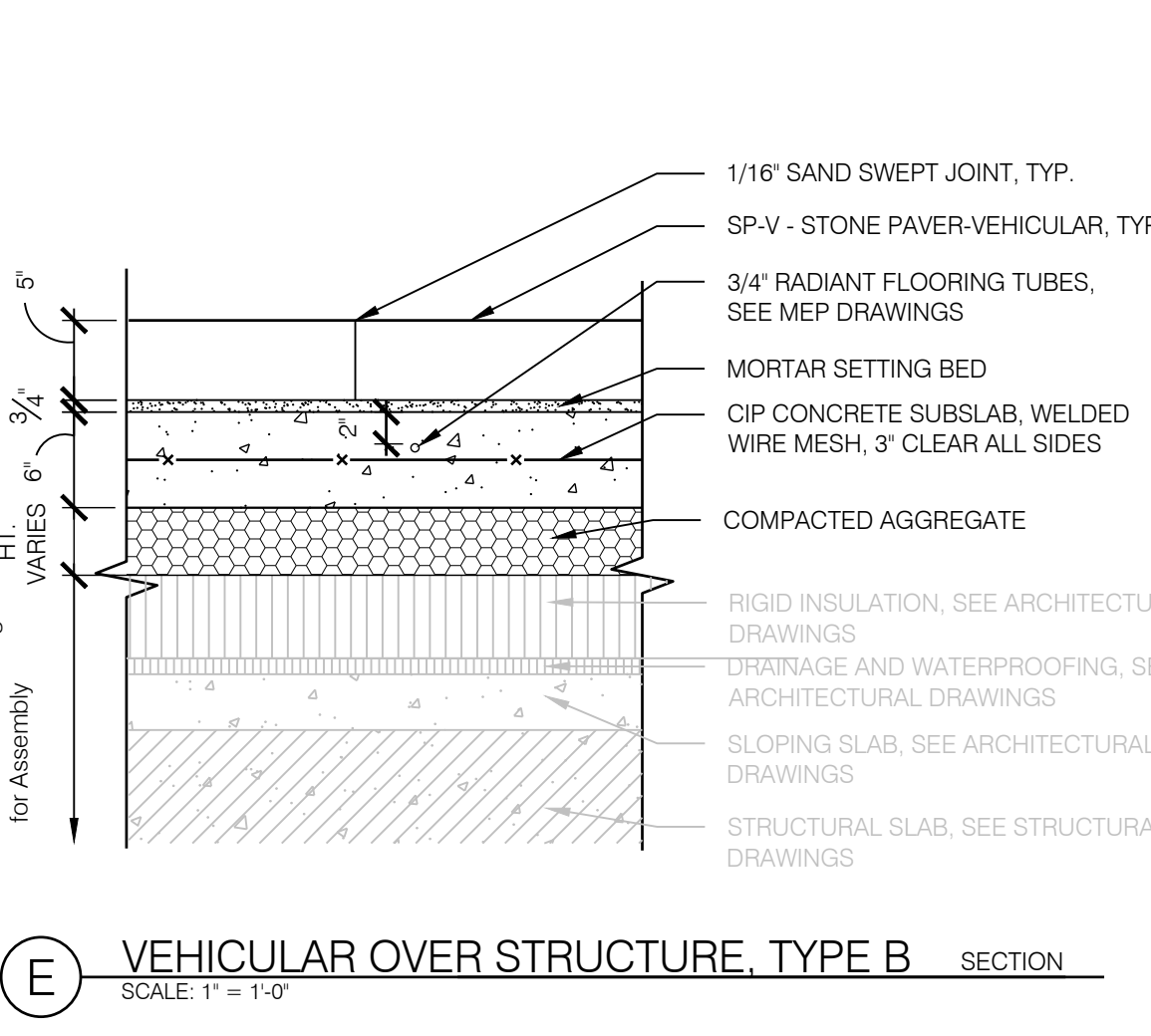
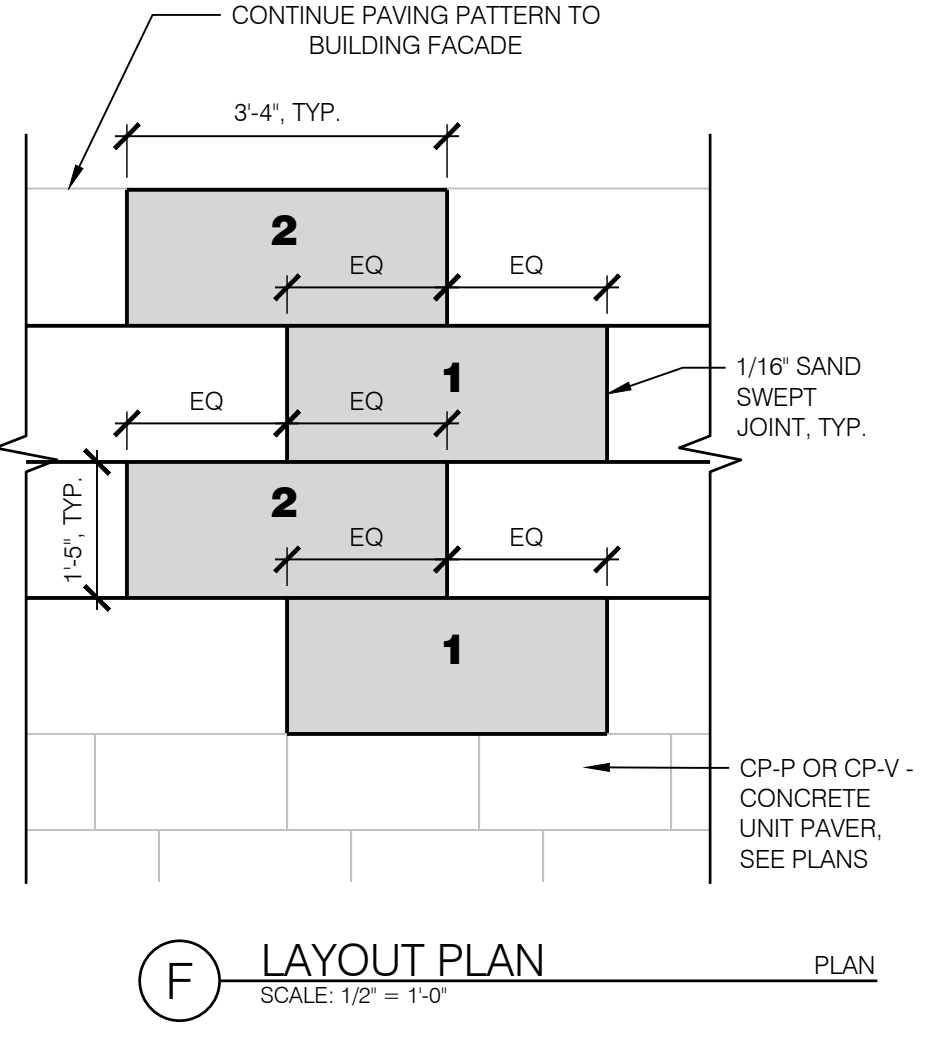
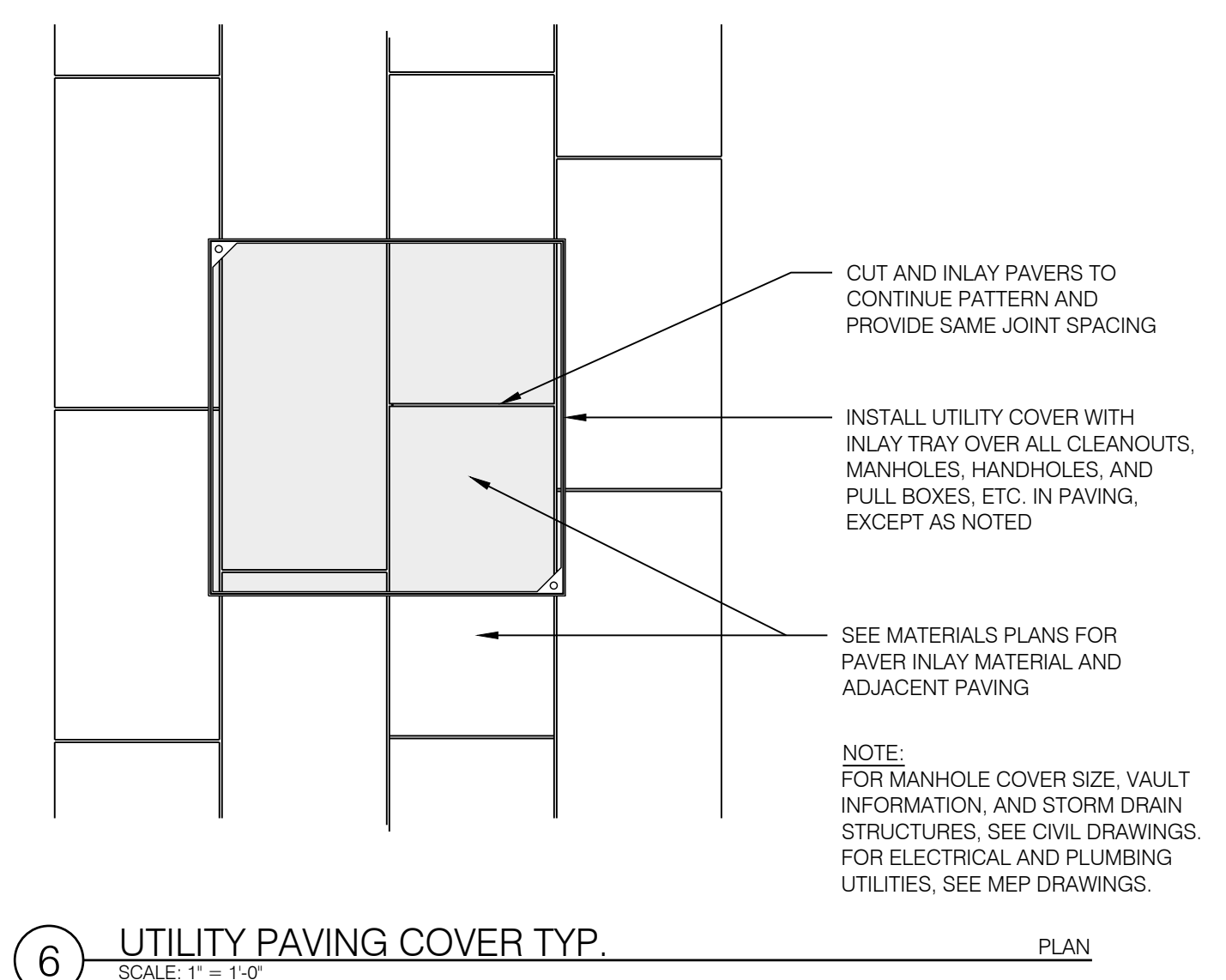
DRAWING TITLE

PAVING DETAILS - LEVEL 1

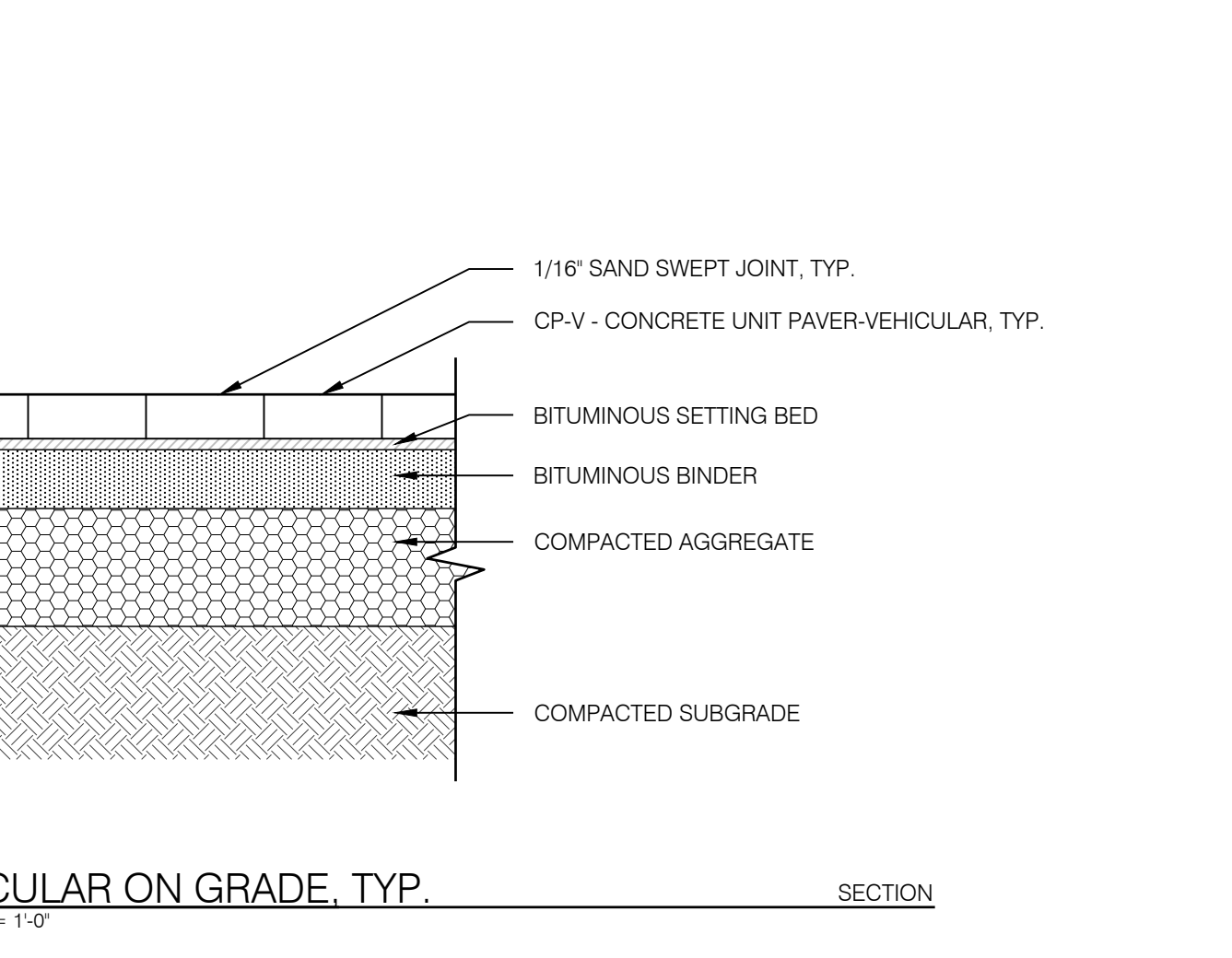
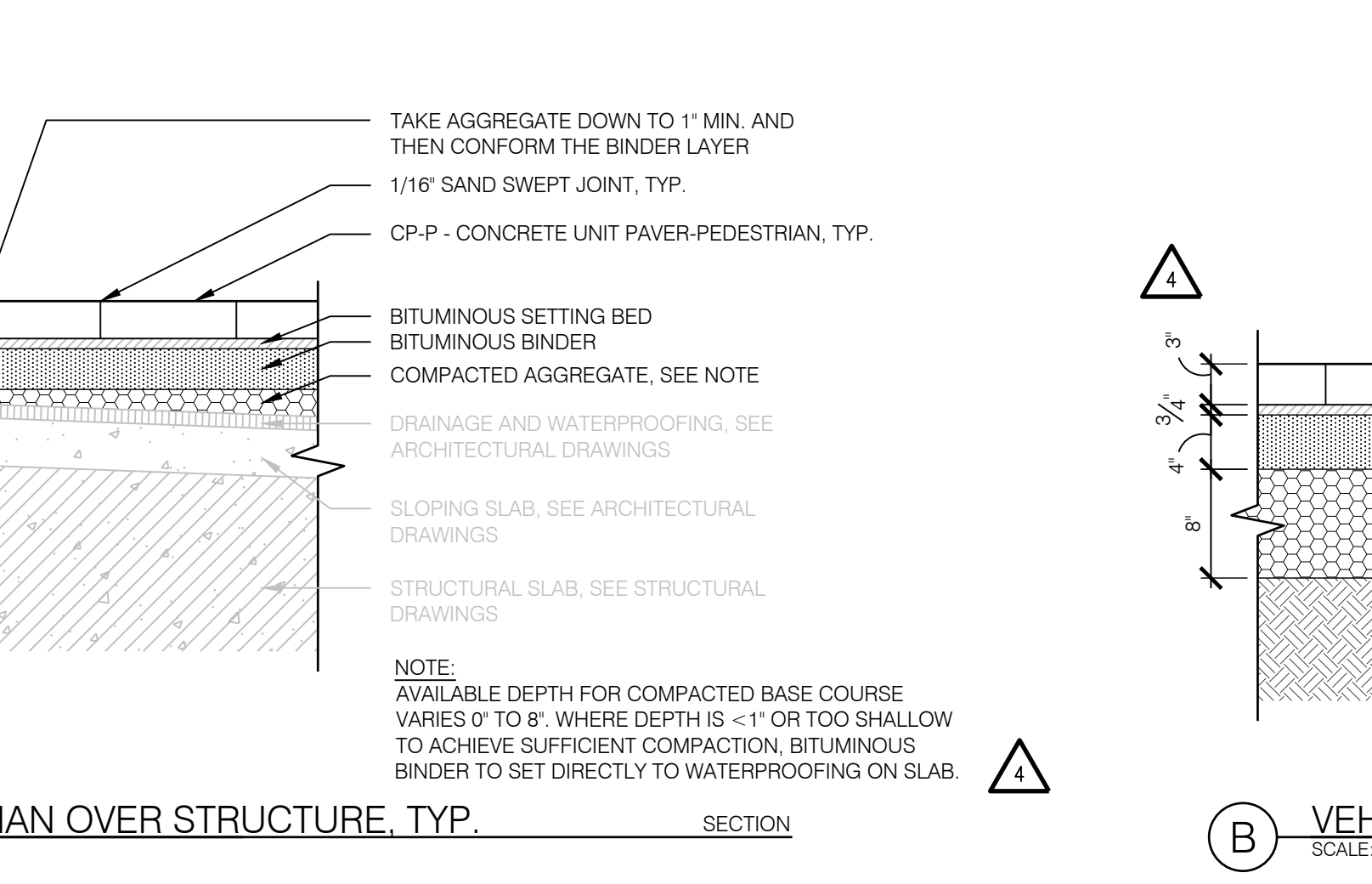
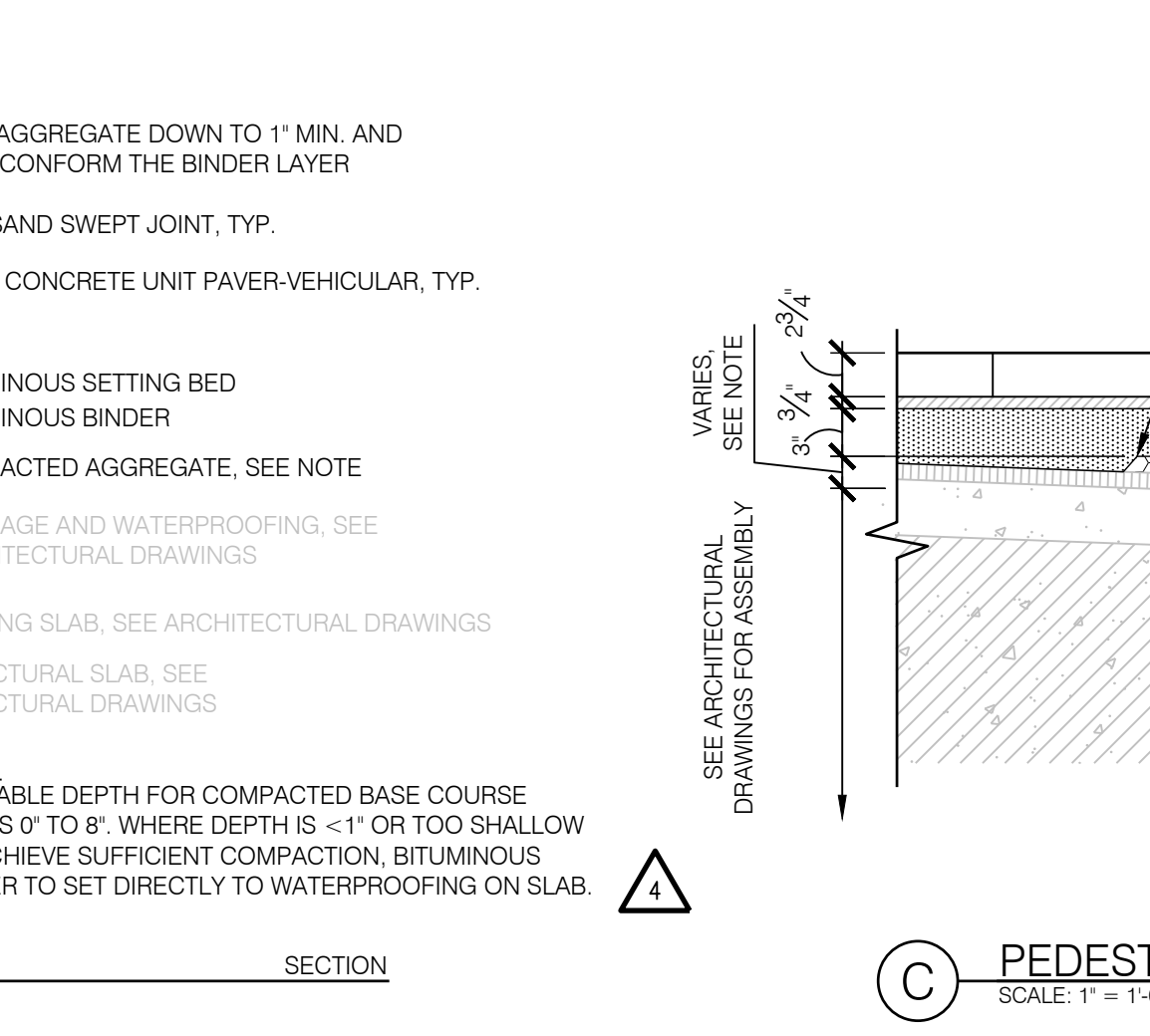
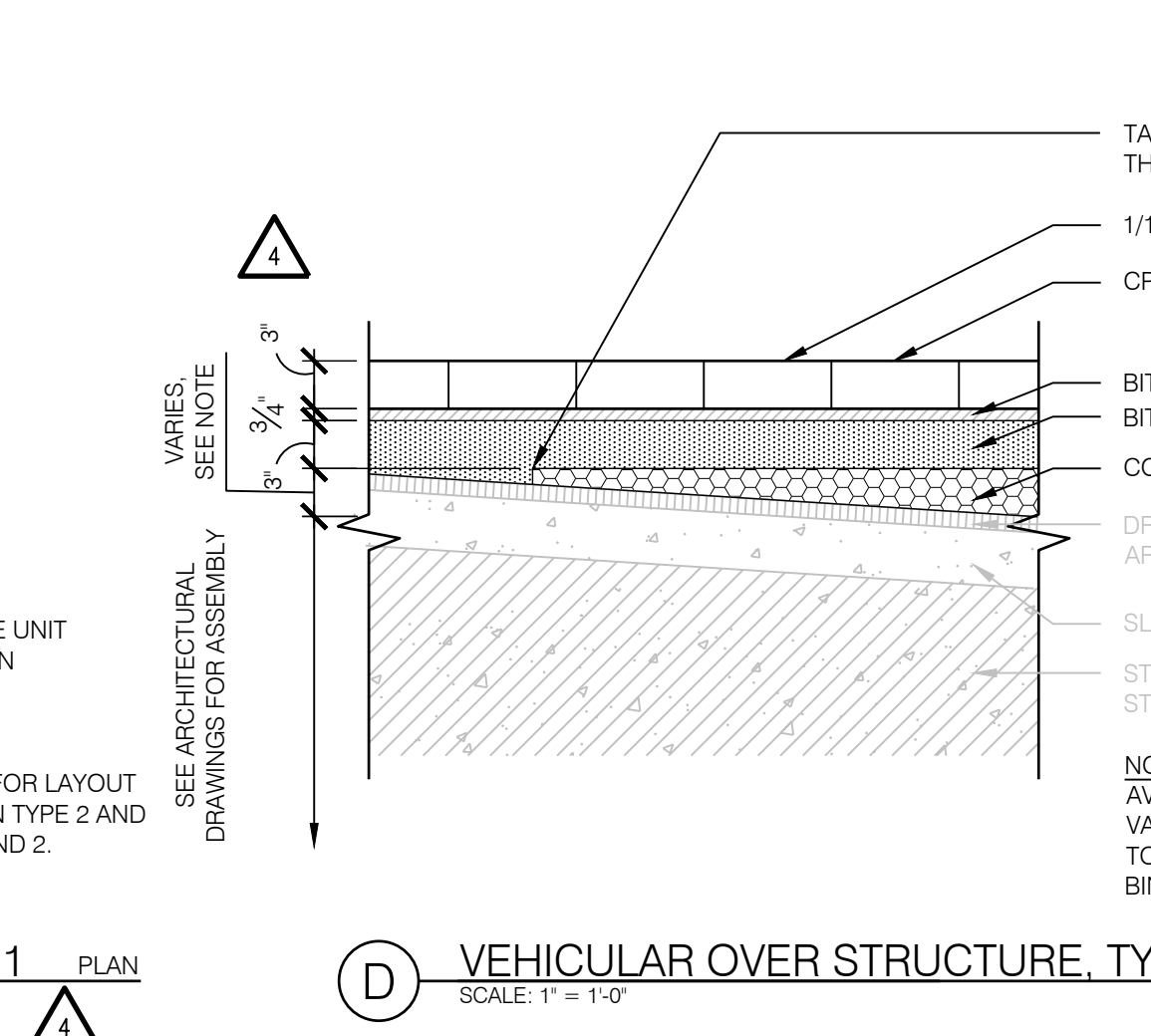
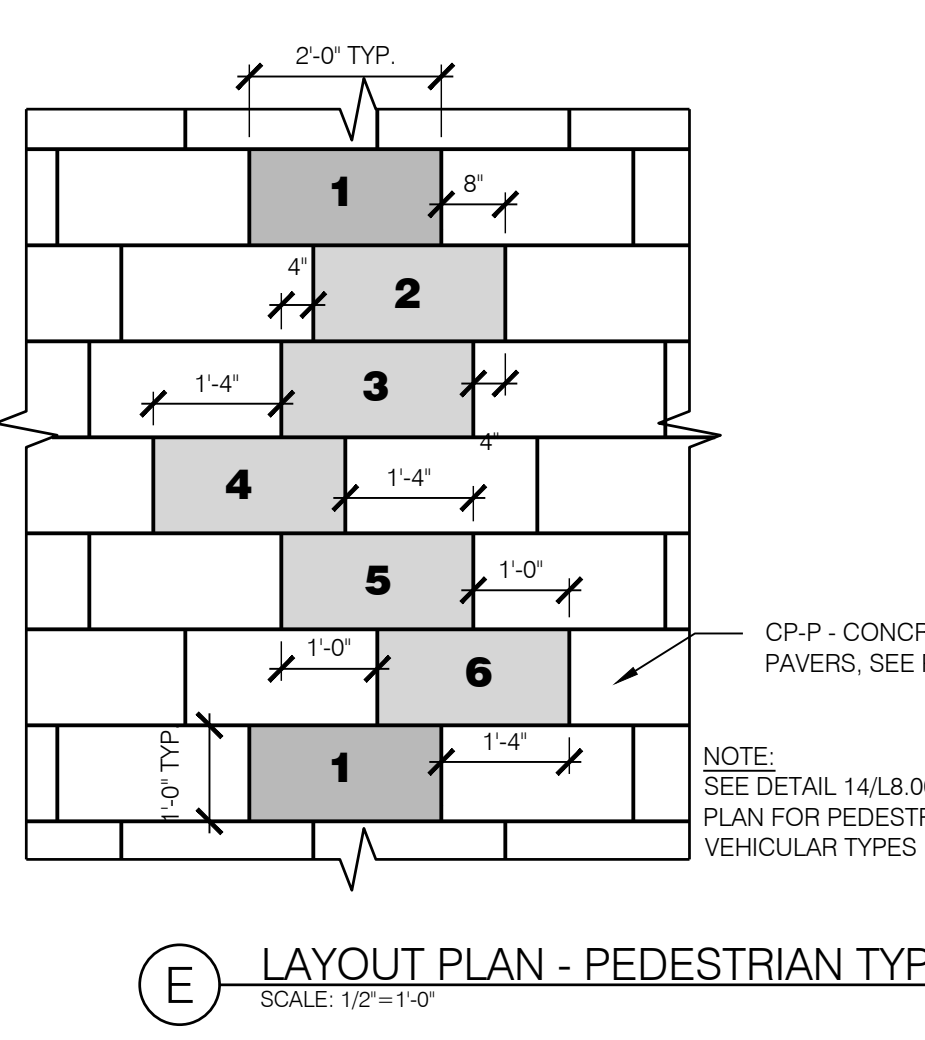
DRAWING NUMBER
L8.001



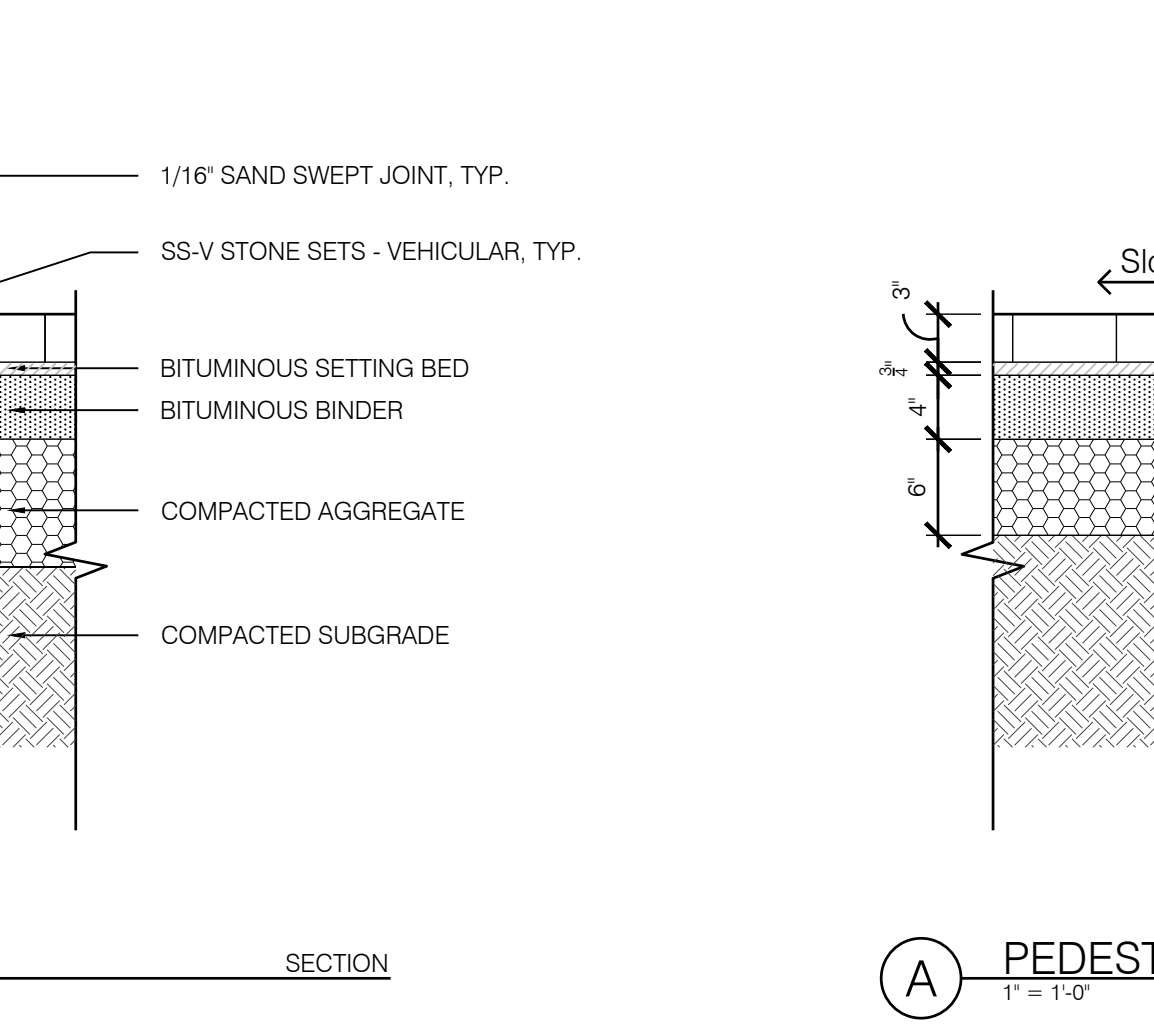
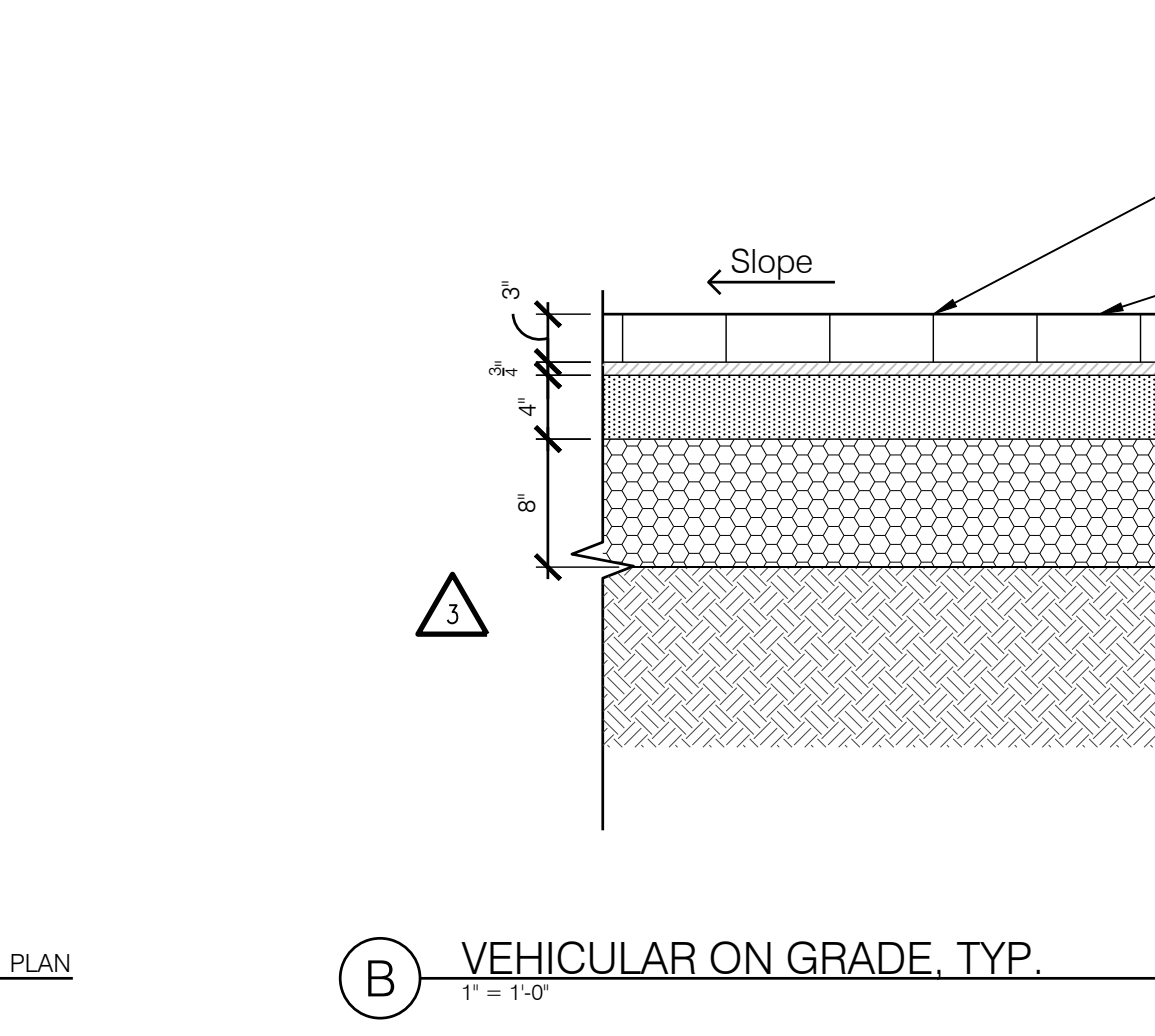
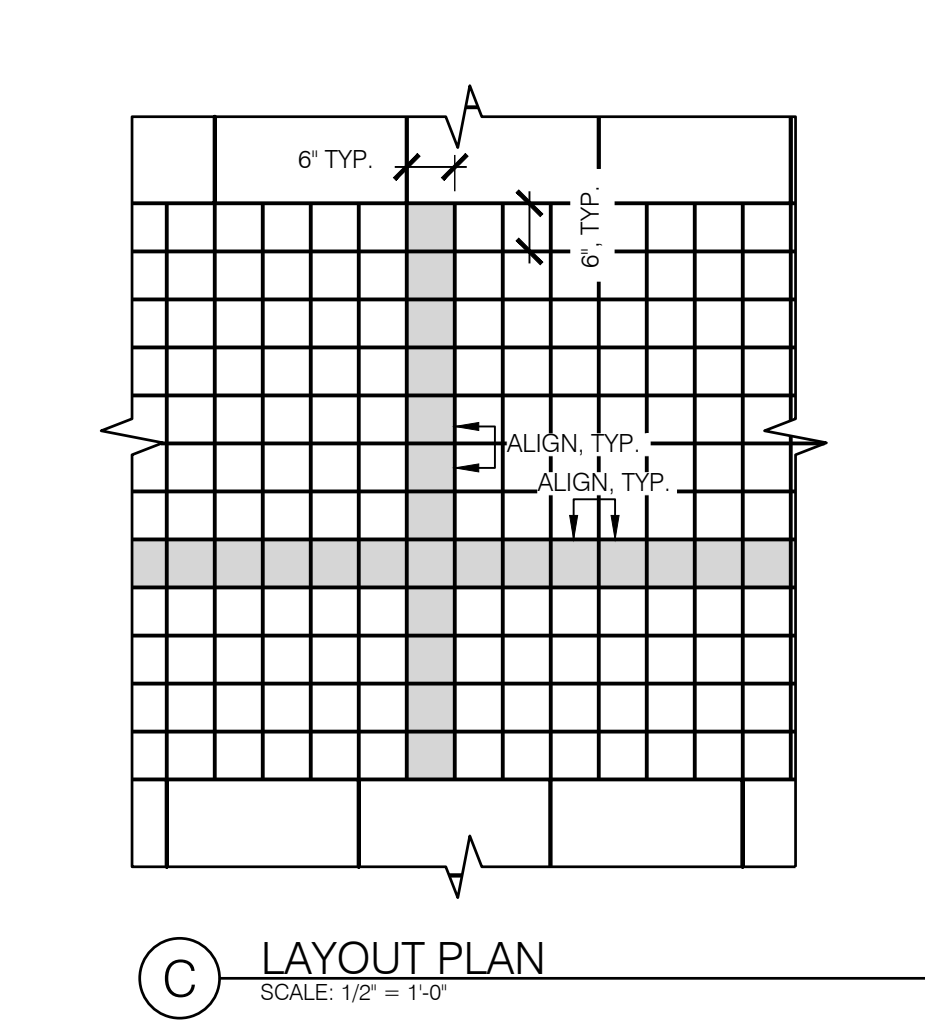
8 VEH-DECORATIVE CONCRETE PAVEMENT-VEHICULAR



4 SP-STONE PAVERS



3 CP-CONCRETE UNIT PAVERS



2 SS-STONE SETS





HUDSON'S SITE
DETROIT, MICHIGAN

HUDSON REAL PROPERTY, LLC
Owner

SHoP ARCHITECTS
Design Architect

KENDALL/HEATON ASSOCIATES, INC.
Architect of Record

HAMILTON ANDERSON ASSOCIATES
AOR Residential Interiors and Landscape

SURFACEDESIGN, INC.
Design Landscape Architect

BURHAPPOLD ENGINEERING
Structural and MEP/FP Engineer
LEED/WELL and Energy

GIFFELS WEBSTER, INC.
Civil Engineering

BARKER MOHANDAS LLC
Vertical Transportation Consultant

WALKER CONSULTANTS
Parking Consultant

**HEINTGES CONSULTING ARCHITECTS
& ENGINEERS P.C.**
Facade Systems Consultant

ARUP GROUP LIMITED
Acoustics, AV, IT, & Security Consultant

THEATRE PROJECTS CONSULTANTS
Theatre And Theatre A/V Consultant

WC&PARTNERS
Kitchen and Food Service Consultant

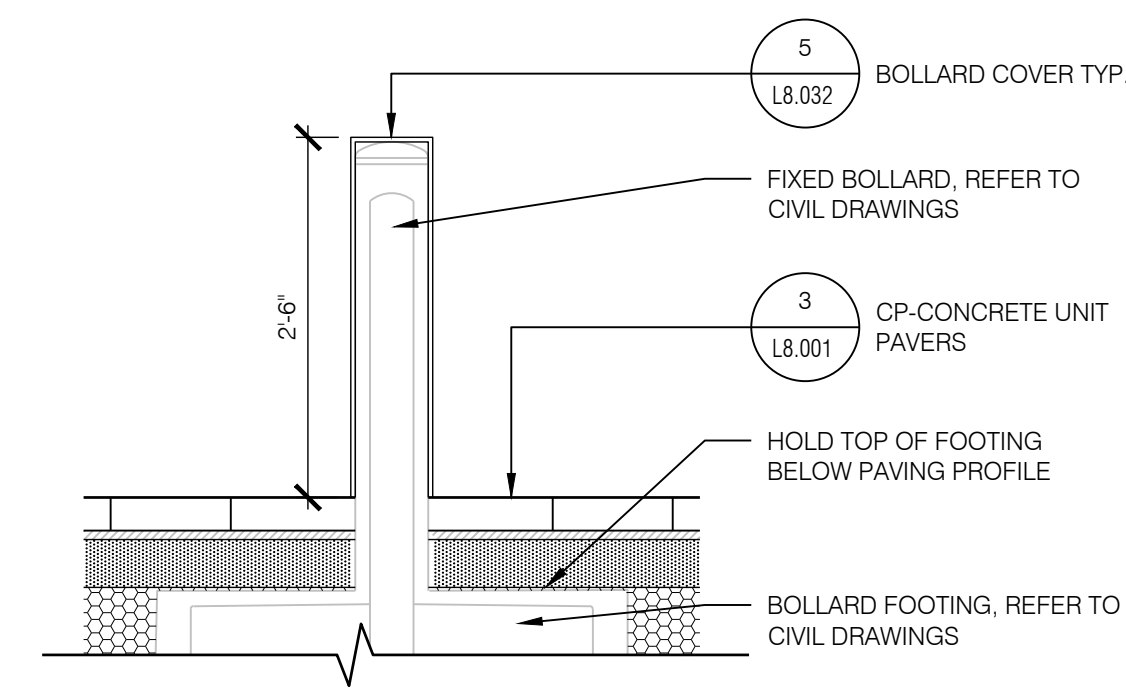
CODE CONSULTANTS, INC.
Code Consultant

LERCH BATES & ASSOCIATES
Facade Maintenance Consultant

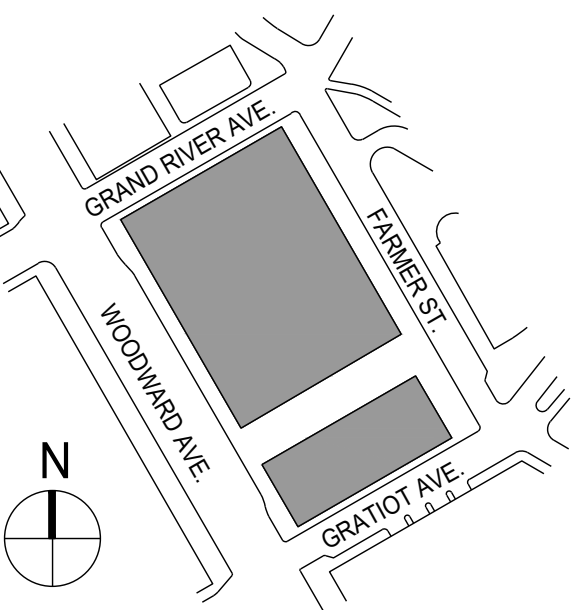
DOT DASH
Lighting Consultant

AQUATECTONIC
Pool Consultant

2 X 4
Signage Consultant



9 BOLLARD IN PAVERS - FIXED SECTION
SCALE: 3/4" = 1'-0"



NO.	DATE	ISSUE
4	23 APR 21	BULLETIN NO. 20
3	09 OCT 20	BULLETIN NO. 18
2	26 JUN 20	BULLETIN NO. 13
1	15 MAY 20	BULLETIN NO. 11

PROJECT NUMBER: KHA-17033

DRAWING TITLE

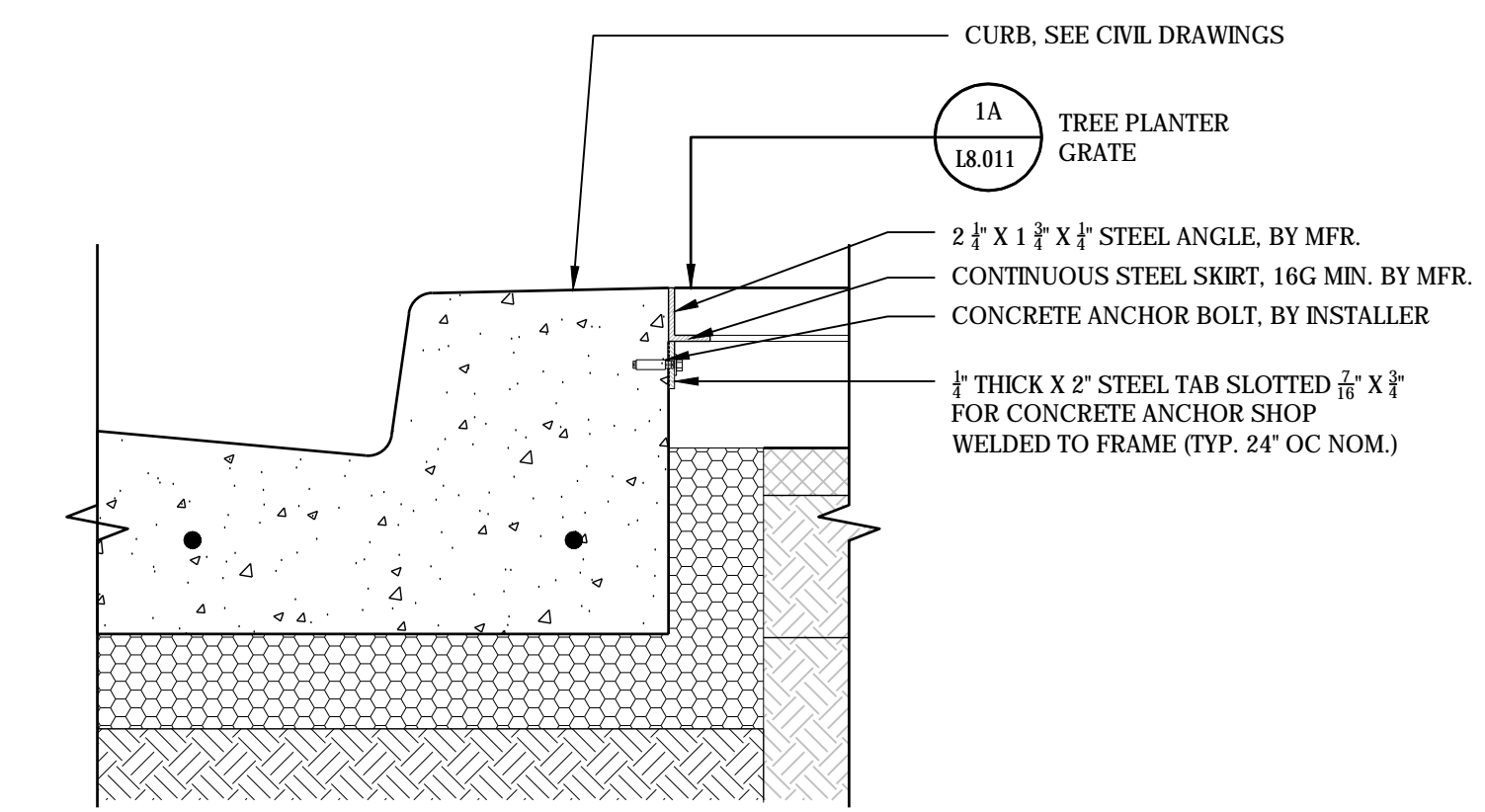
PAVING DETAILS - LEVEL 1

DRAWING NUMBER
L8.003

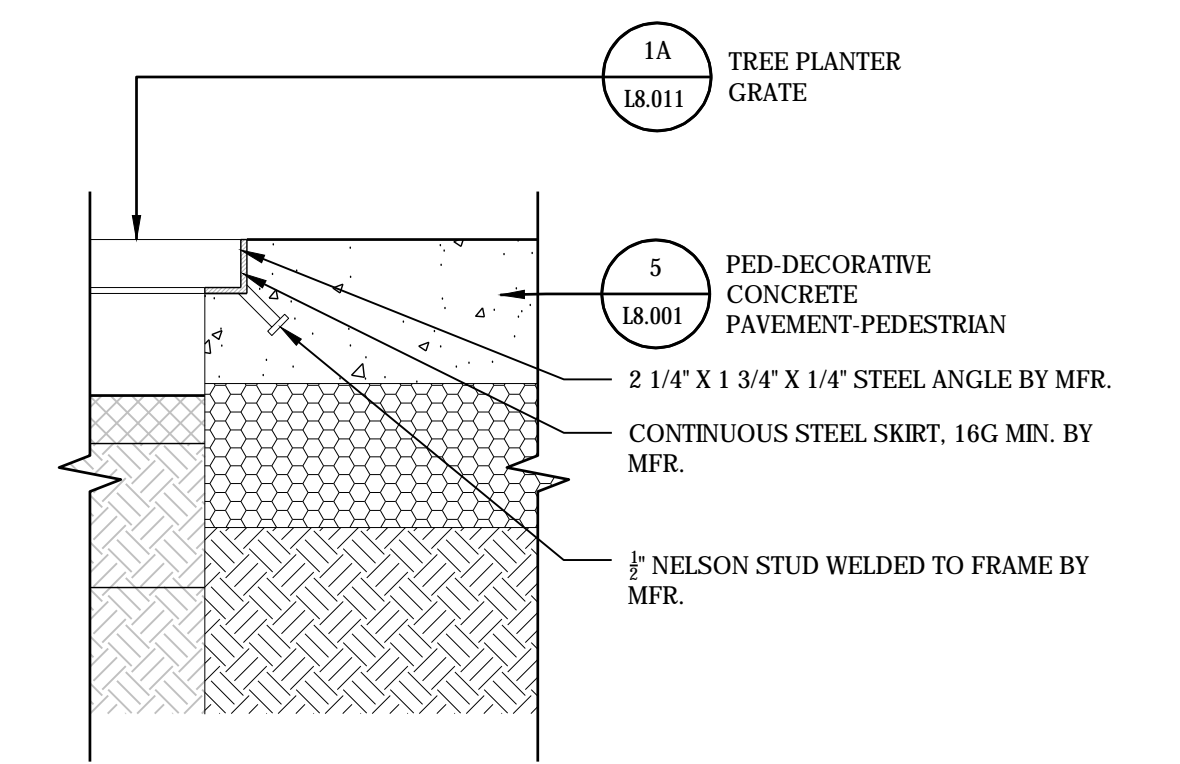


HUDSON'S SITE
DETROIT, MICHIGAN

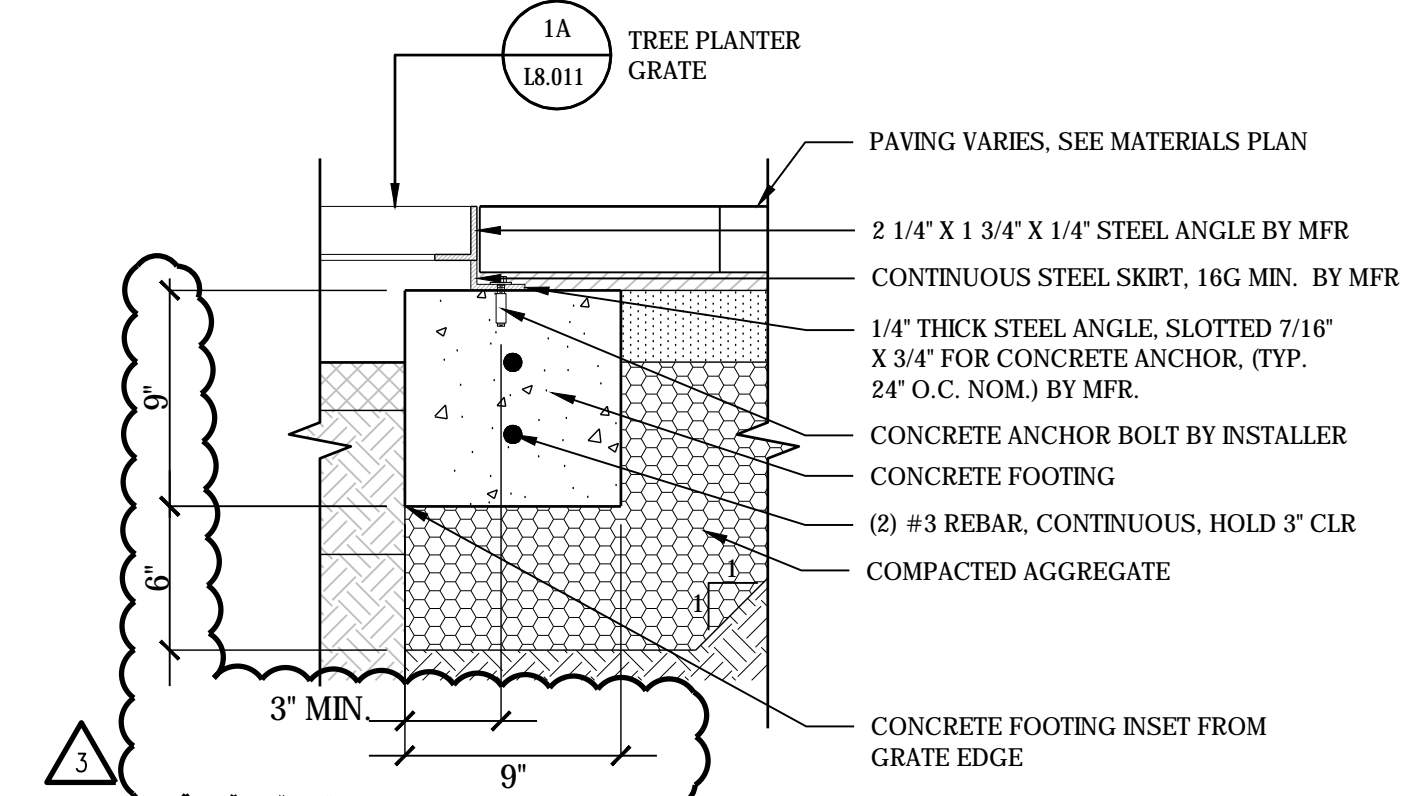
- HUDSON REAL PROPERTY, LLC
Owner
- SHoP ARCHITECTS
Design Architect
- KENDALL/HEATON ASSOCIATES, INC.
Architect of Record
- HAMILTON ANDERSON ASSOCIATES
AOR Residential Interiors and Landscape
- SURFACEDSIGN, INC.
Design Landscape Architect
- BUROHAPPOID ENGINEERING
Structural and MEP/FF Engineer
LEED/WELL and Energy
- GIFFELS WEBSTER, INC.
Civil Engineering
- BARKER MOHANDAS LLC
Vertical Transportation Consultant
- WALKER CONSULTANTS
Parking Consultant
- HEINTGES CONSULTING ARCHITECTS
& ENGINEERS P.C.
Facade System Consultant
- ARUP GROUP LIMITED
Acoustics, AV, IT & Security Consultant
- THEATRE PROJECTS CONSULTANTS
Theatre And Theatre A/V Consultant
- WC&PARTNERS
Kitchen and Food Service Consultant
- CODE CONSULTANTS, INC.
Code Consultant
- LERCH BATES & ASSOCIATES
Facade Maintenance Consultant
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Lighting Consultant
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Pool Consultant
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Signage Consultant



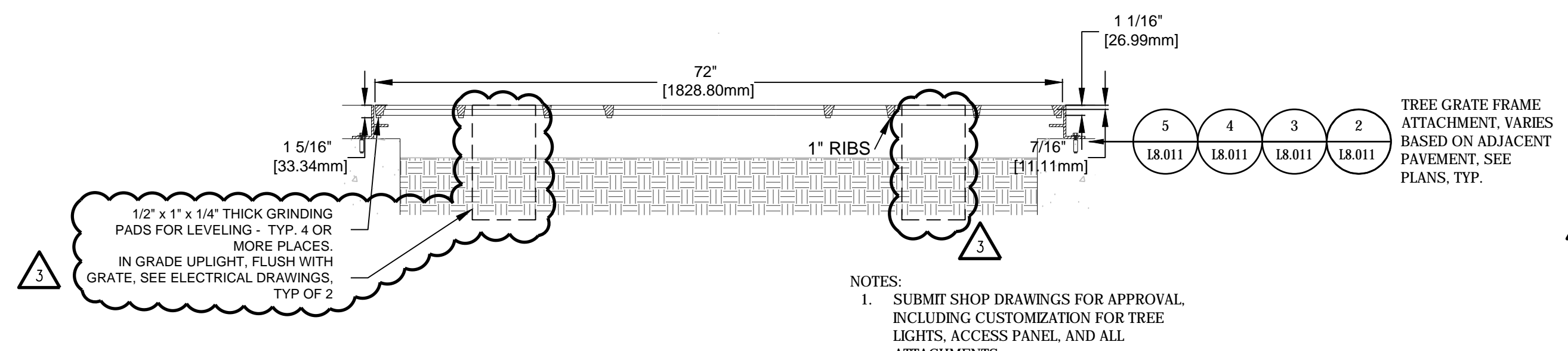
4 TREE GRATE FRAME ATTACHMENT AT CURB SECTION
Scale: 1 1/2" = 1'-0"



3 TREE GRATE FRAME ATTACHMENT AT CONCRETE SECTION
Scale: 1 1/2" = 1'-0"

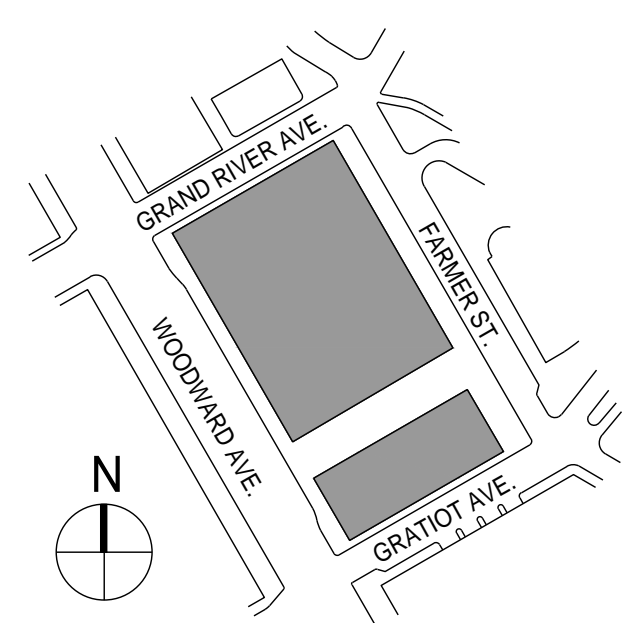


2 TREE GRATE FRAME ATTACHMENT AT PAVERS SECTION
Scale: 1 1/2" = 1'-0"



B TYPICAL TREE PLANTER GRATE - SECTION SECTION
Scale: 1 1/2" = 1'

1 TREE PLANTER GRATE SECTION
Scale: AS NOTED



NO.	DATE	ISSUE
3	09 OCT 20	BULLETIN NO. 18
2	28 JUN 20	BULLETIN NO. 13
1	15 MAY 20	BULLETIN NO. 11

PROJECT NUMBER: KHA-17023

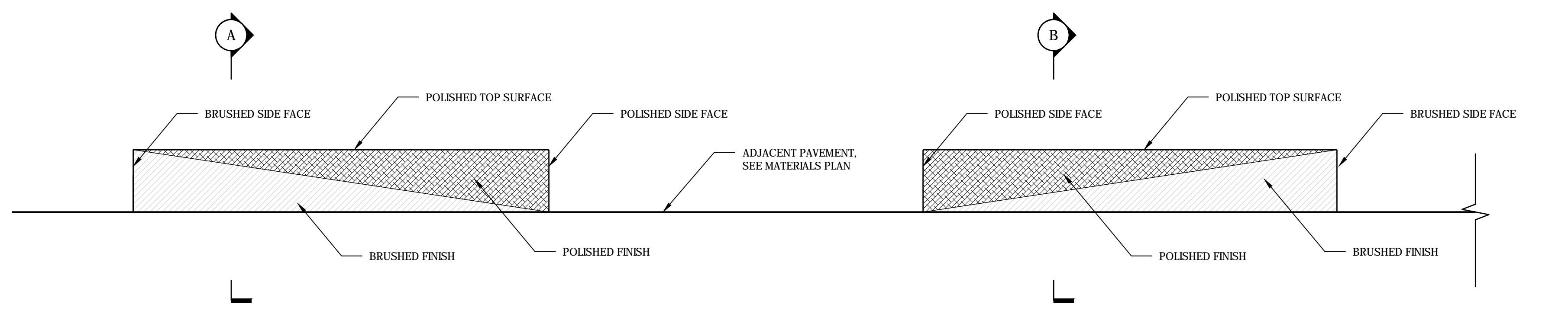
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DRAWING TITLE

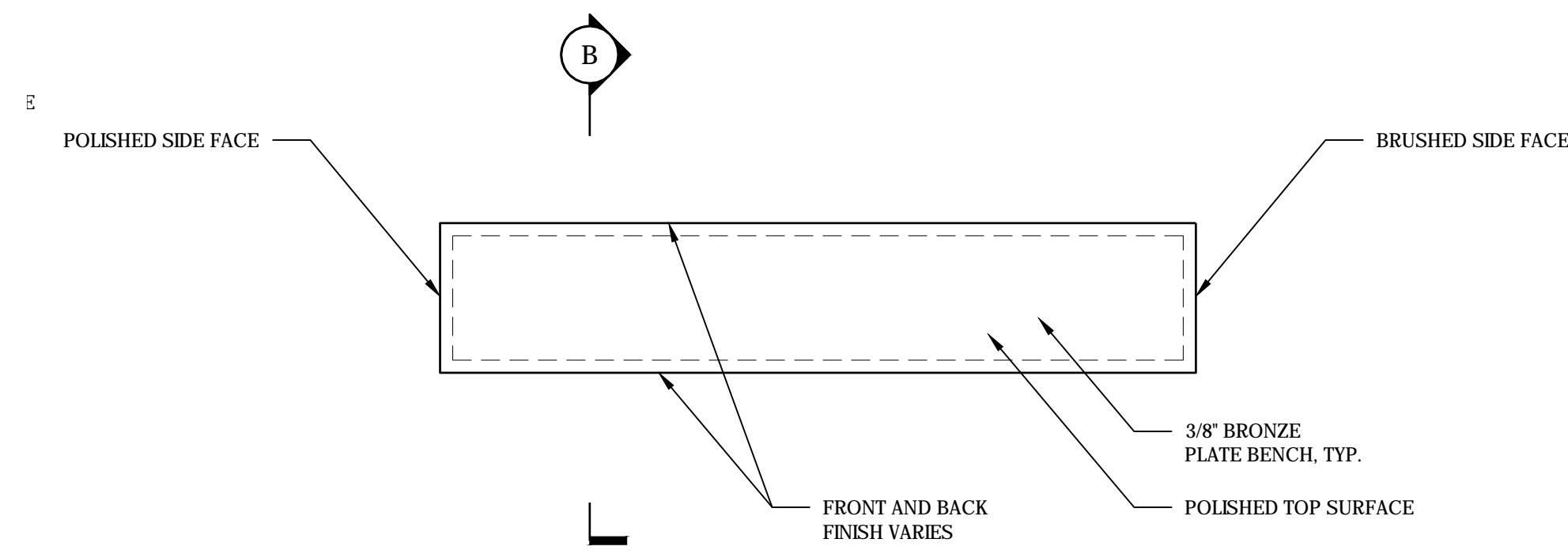
SITE DETAILS - LEVEL 1

DRAWING NUMBER

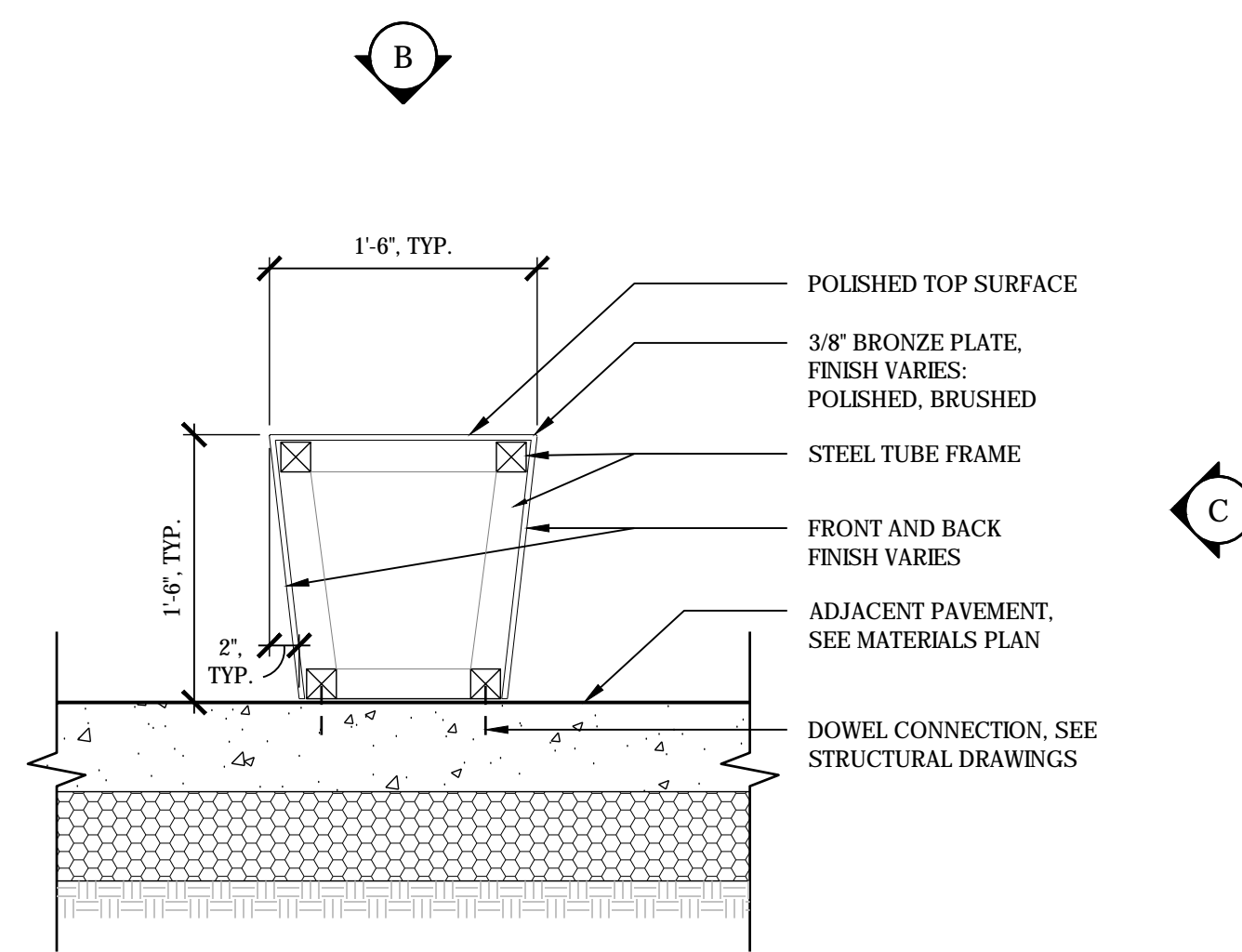
L8.011



C Elevation
1/2" = 1'-0"



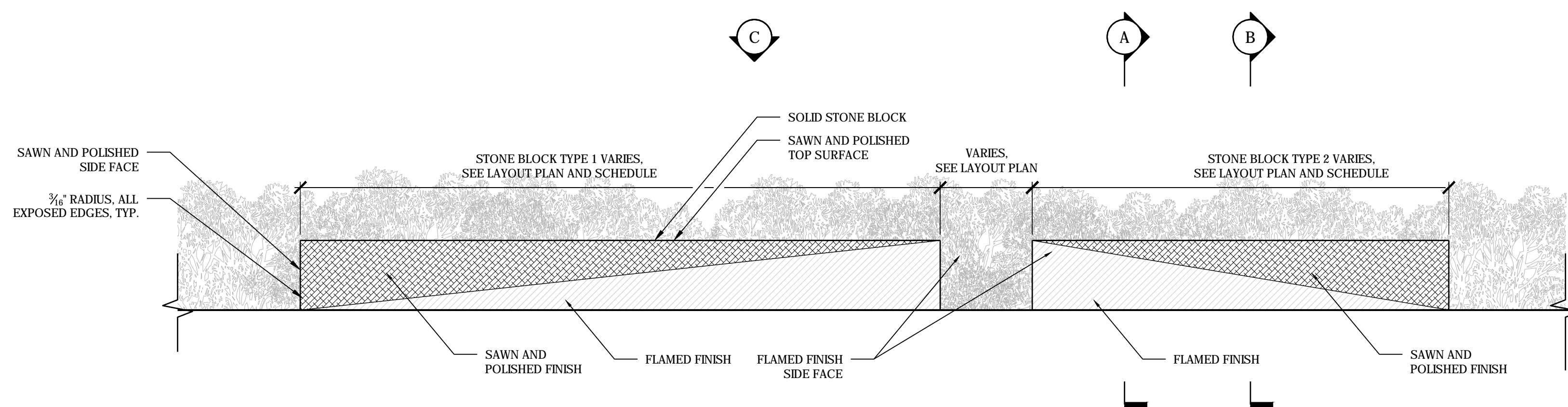
B PLAN
1/2" = 1'-0"



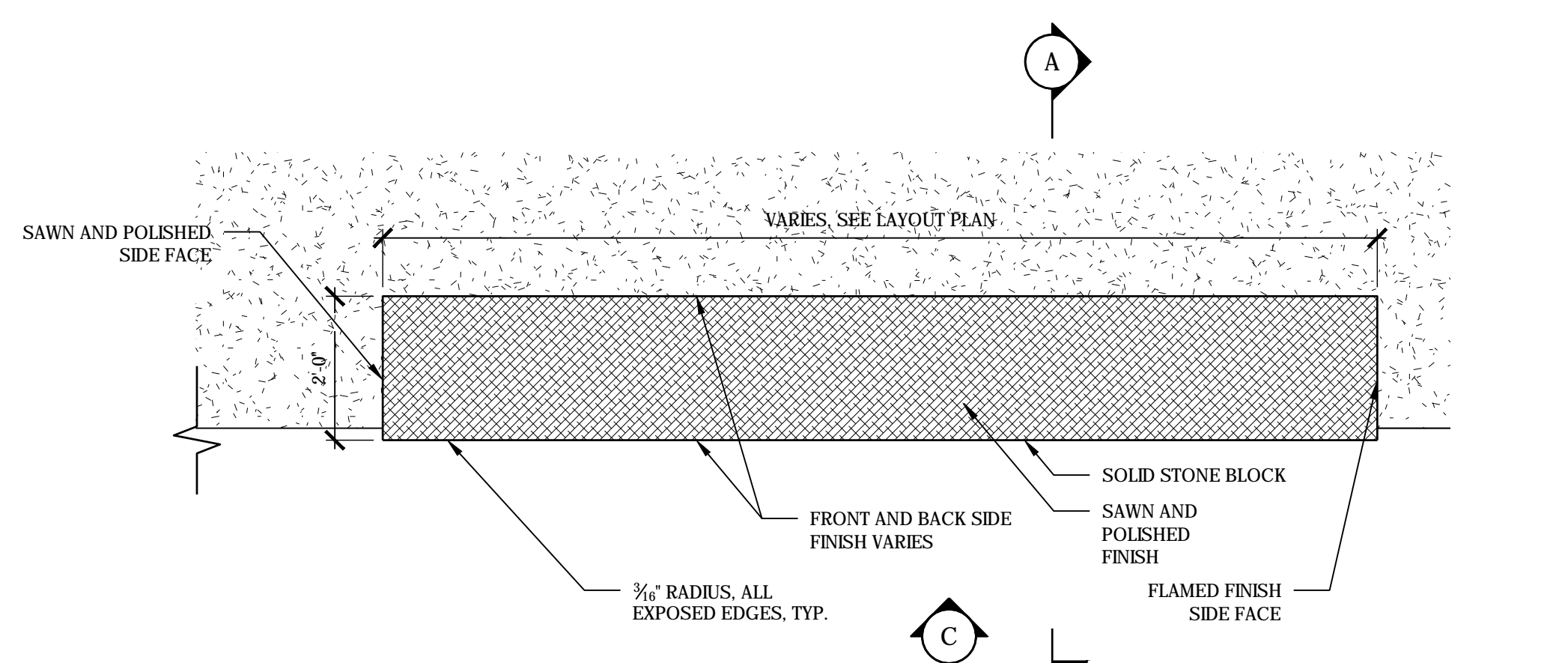
A SECTION 1
1'-1'-0"

METAL BENCHES		
	QUANTITY	LENGTH
	4	10'-0"
TOTAL	4	40'-0"

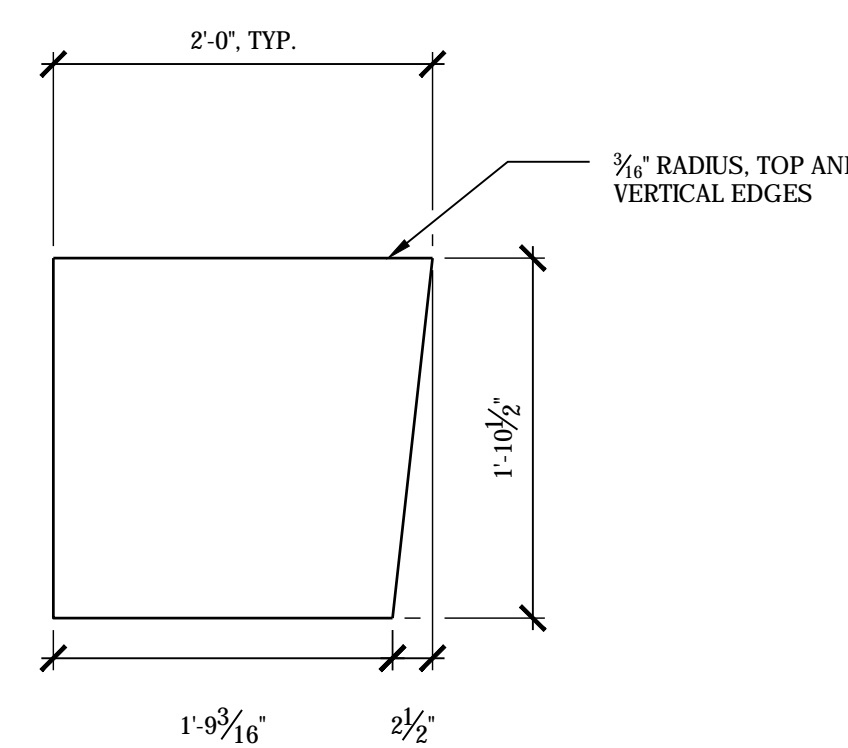
2 METAL BENCH TYPE 1



D TYPICAL ELEVATION
1/2" = 1'-0"

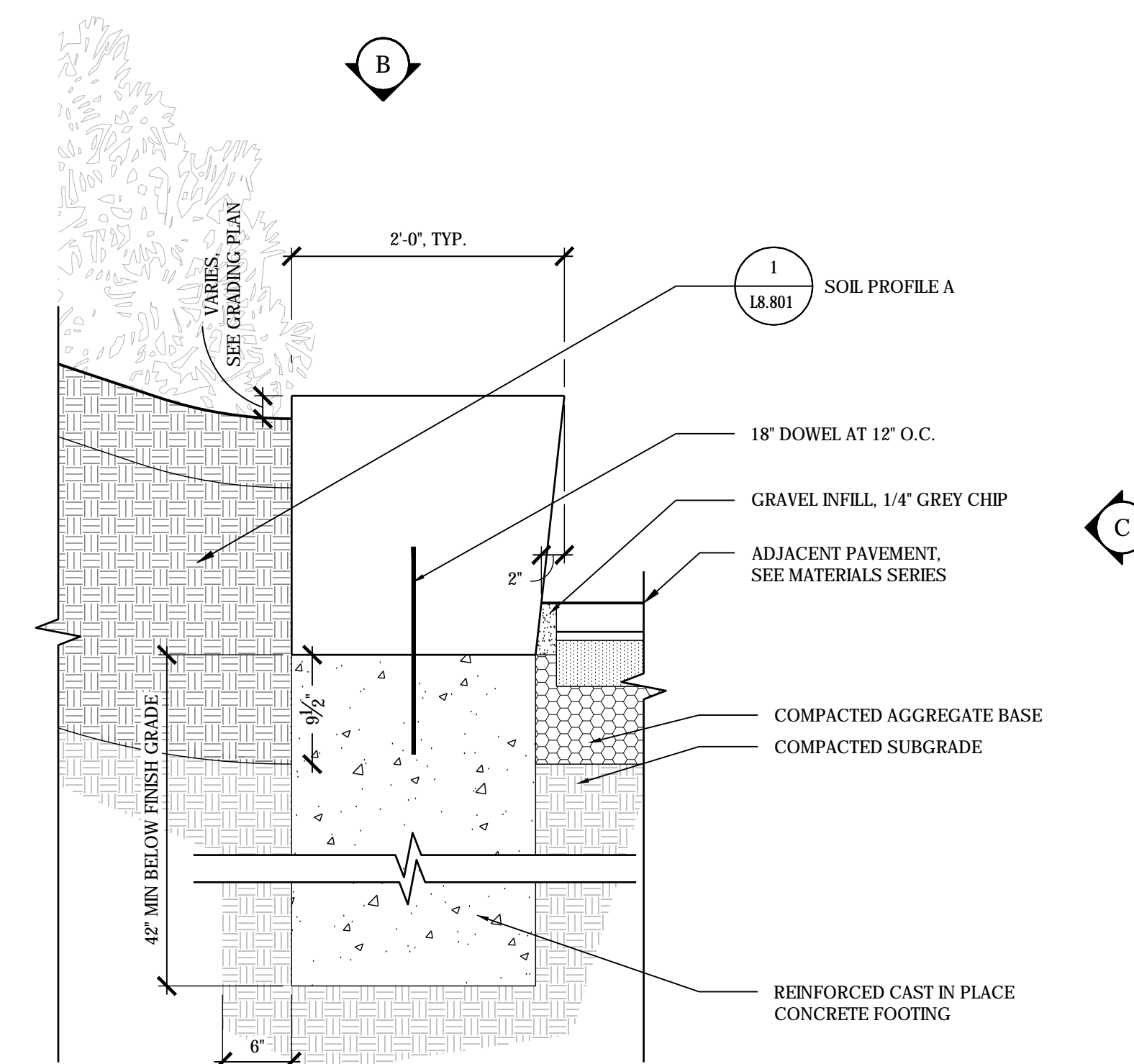


C TYPICAL PLAN
1/2" = 1'-0"



B STONE ELEMENT SECTION
1" = 1'-0"

STONE BLOCK				
	STONE BLOCK TYPE 1		STONE BLOCK TYPE 2	
	QUANTITY	LENGTH	QUANTITY	LENGTH
	1	19'-3"	1	11'-2"
	2	9'-0"	2	13'-10"
	2	10'-0"	1	6'-5"
	1	14'-10"	1	5'-10"
	1	16'-11"	1	9'-0"
			1	23'-2"
TOTAL	7	89'-0"	7	74'-3"



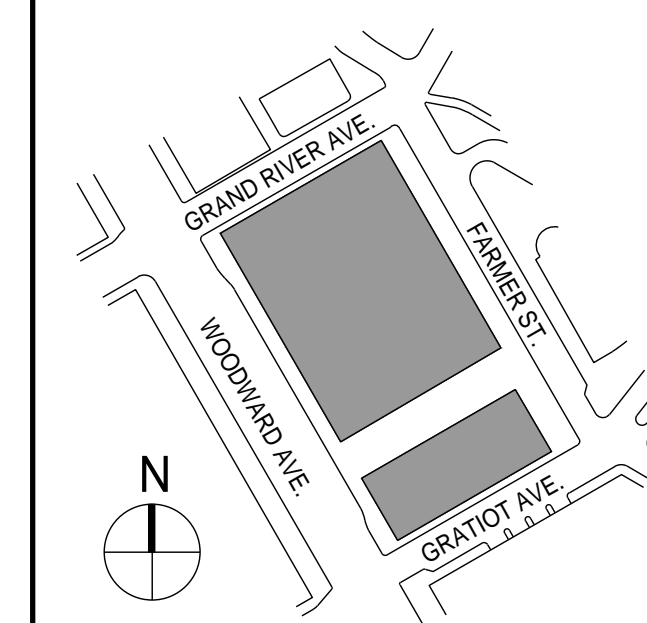
A SECTION 1
1" = 1'-0"

1 STONE BLOCK



HUDSON'S SITE
DETROIT, MICHIGAN

- HUDSON REAL PROPERTY, LLC
Owner
- SHoP ARCHITECTS
Design Architect
- KENDALL HEATON ASSOCIATES, INC.
Architect of Record
- HAMILTON ANDERSON ASSOCIATES
AOR Residential Interiors and Landscape
- SURFACEDSIGN, INC.
Design Landscape Architect
- BURKHAPPOD ENGINEERING
Structural and MEP/TYP Engineer
LEED/WELL and Energy
- GIFFELS WEBSTER, INC.
Civil Engineering
- BARKER MOHANDAS LLC
Vertical Transportation Consultant
- WALKER CONSULTANTS
Parking Consultant
- HEINTGES CONSULTING ARCHITECTS & ENGINEERS P.C.
Facade Systems Consultant
- ARUP GROUP LIMITED
Acoustics, AV, IT & Security Consultant
- THEATRE PROJECTS CONSULTANTS
Theatre And Theatre A/V Consultant
- WC&PARTNERS
Kitchen and Food Service Consultant
- CODE CONSULTANTS, INC.
Code Consultant
- LERCH BATES & ASSOCIATES
Facade Maintenance Consultant
- DOT DASH
Lighting Consultant
- AQUATECTONIC
Pool Consultant
- 2 X 4
Signage Consultant



2	28 JUN 20	BULLETIN NO. 13
1	15 MAY 20	BULLETIN NO. 11
NO.	DATE	ISSUE

PROJECT NUMBER KHA-17033

DRAWING TITLE

**SITE FURNISHINGS
DETAILS - LEVEL 1**

DRAWING NUMBER
L8.031



HUDSON'S SITE
DETROIT, MICHIGAN

HUDSON REAL PROPERTY, LLC
Owner

SHoP ARCHITECTS
Design Architect

KENDALL/HEATON ASSOCIATES, INC.
Architect of Record

HAMILTON ANDERSON ASSOCIATES
AOR Residential Interiors and Landscape

SURFACEDESIGN, INC.
Design Landscape Architect

BUROHAPPOID ENGINEERING
Structural and MEP/FF Engineer
LEED/WELL and Energy

GIFFELS WEBSTER, INC.
Civil Engineering

BARKER MOHANDAS LLC
Vertical Transportation Consultant

WALKER CONSULTANTS
Parking Consultant

HEINTGES CONSULTING ARCHITECTS
& ENGINEERS P.C.
Facade Systems Consultant

ARUP GROUP LIMITED
Acoustics, AV, IT & Security Consultant

THEATRE PROJECTS CONSULTANTS
Theatre And Theatre A/V Consultant

WC&PARTNERS
Kitchen and Food Service Consultant

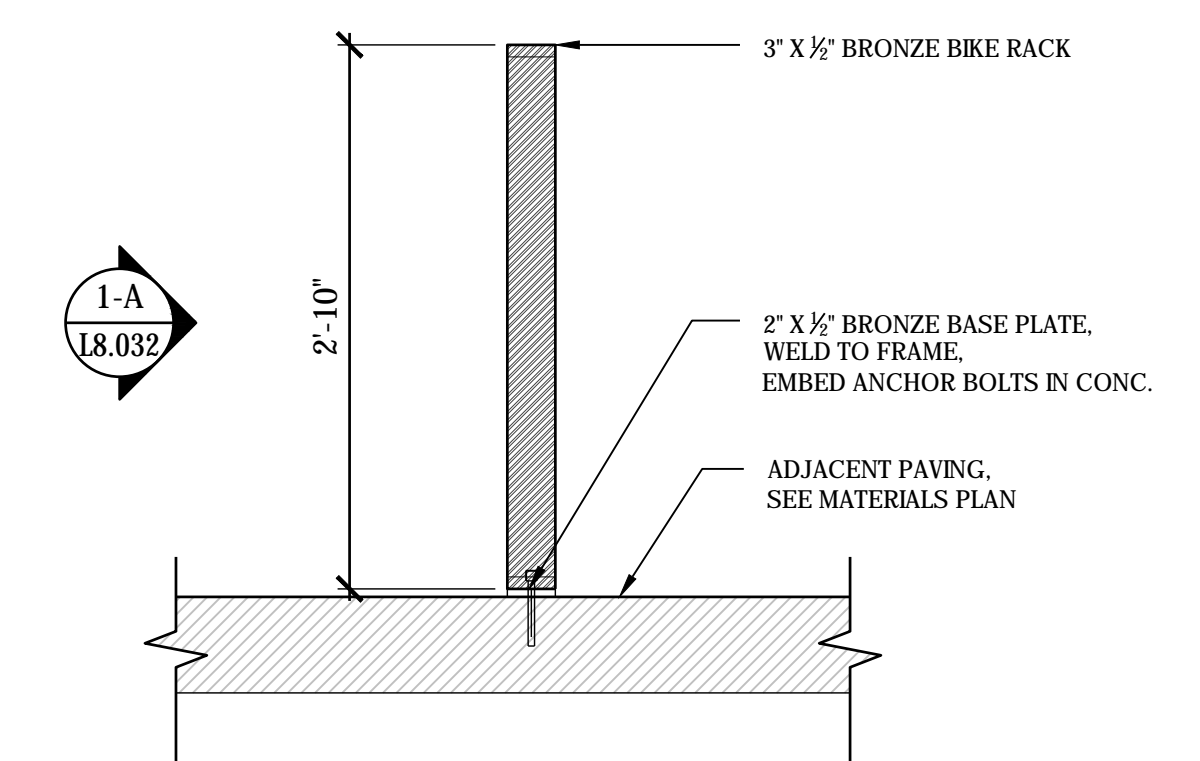
CODE CONSULTANTS, INC.
Code Consultant

LERCH BATES & ASSOCIATES
Facade Maintenance Consultant

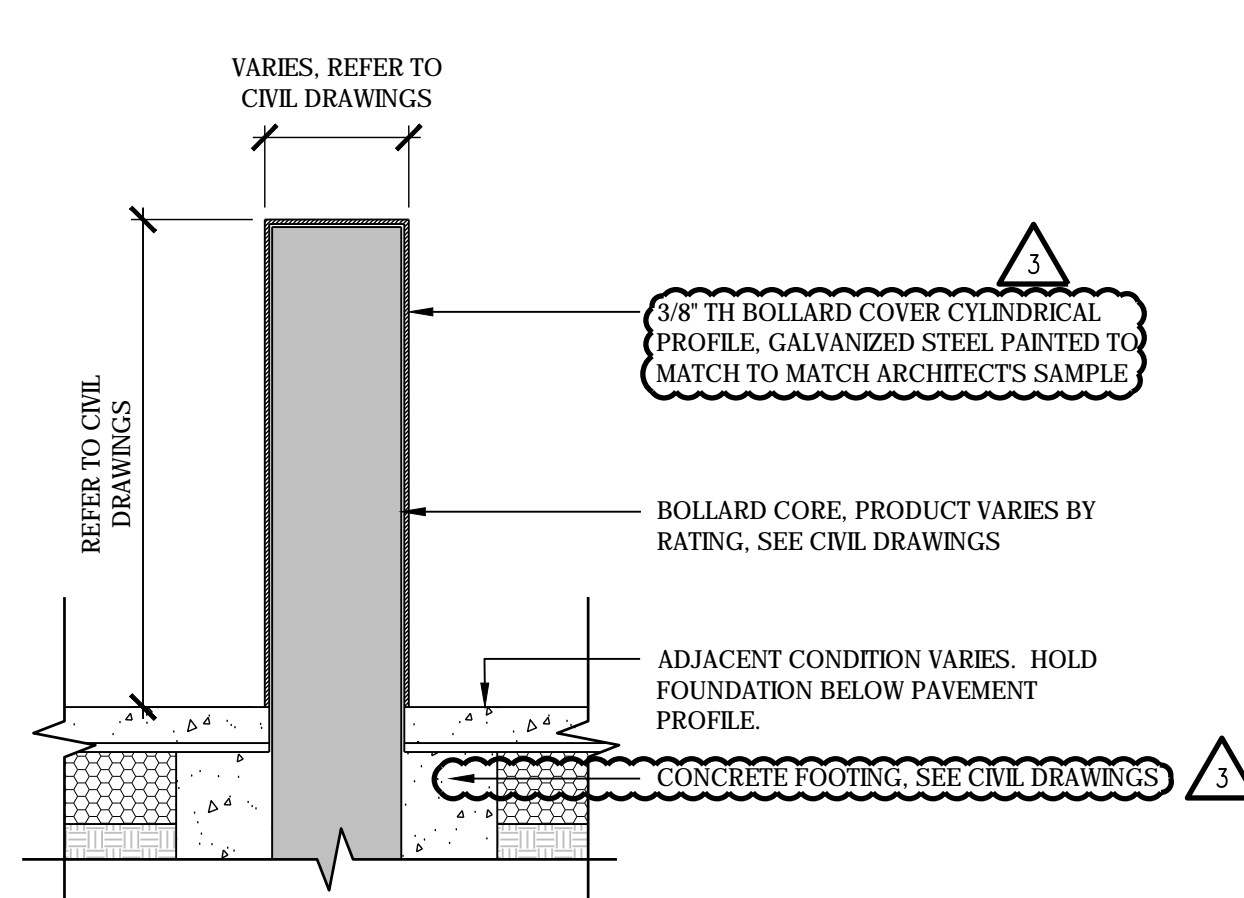
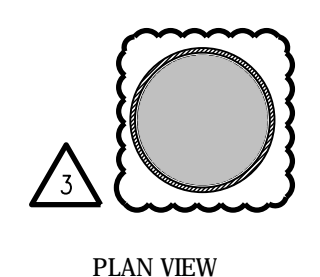
DOT DASH
Lighting Consultant

AQUATECTONIC
Pool Consultant

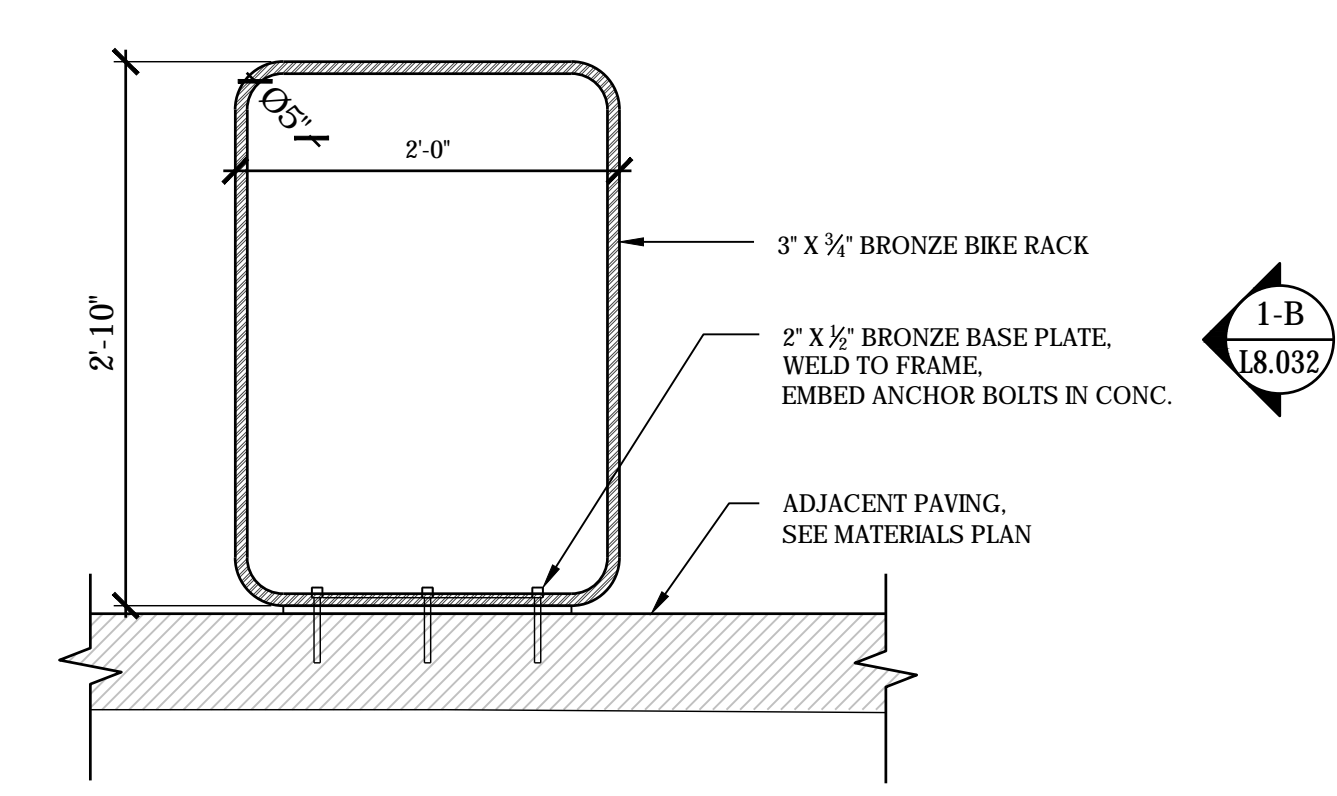
2 X 4
Signage Consultant



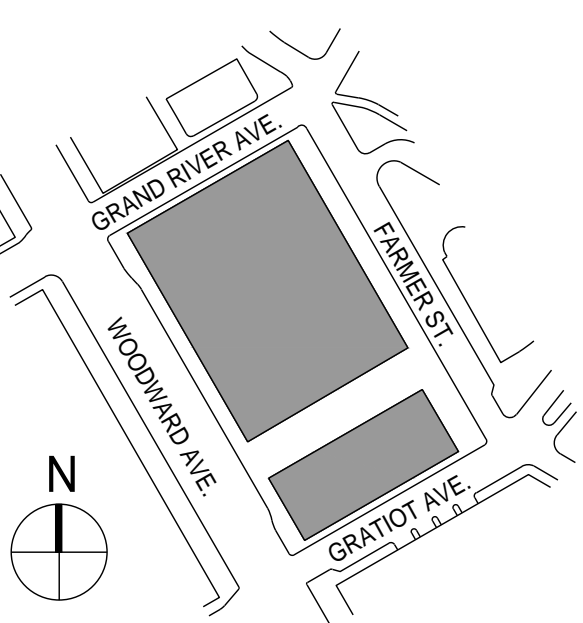
B SECTION B
SCALE: 1" = 1'-0"



5 BOLLARD COVER TYP.
SCALE: 1" = 1'-0"



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



NO.	DATE	ISSUE
3	09 OCT 20	BULLETIN NO. 18
2	28 JUN 20	BULLETIN NO. 13
1	15 MAY 20	BULLETIN NO. 11

PROJECT NUMBER: KHA-17033

DRAWING TITLE

**SITE FURNISHINGS
DETAILS - LEVEL 1**

DRAWING NUMBER

L8.032



HUDSON'S SITE
DETROIT, MICHIGAN

HUDSON REAL PROPERTY, LLC
Owner

SHoP ARCHITECTS
Design Architect

KENDALL/HEATON ASSOCIATES, INC.
Architect of Record

HAMILTON ANDERSON ASSOCIATES
AOR Residential Interiors and Landscape

SURFACEDESIGN, INC.
Design Landscape Architect

BURHAPPOLD ENGINEERING
Structural and MEP/FP Engineer
LEED/WELL and Energy

GIFFELS WEBSTER, INC.
Civil Engineering

BARKER MOHANDAS LLC
Vertical Transportation Consultant

WALKER CONSULTANTS
Parking Consultant

HEINTGES CONSULTING ARCHITECTS
& ENGINEERS P.C.
Facade Systems Consultant

ARUP GROUP LIMITED
Acoustics, AV, IT, & Security Consultant

THEATRE PROJECTS CONSULTANTS
Theatre And Theatre A/V Consultant

WC&PARTNERS
Kitchen and Food Service Consultant

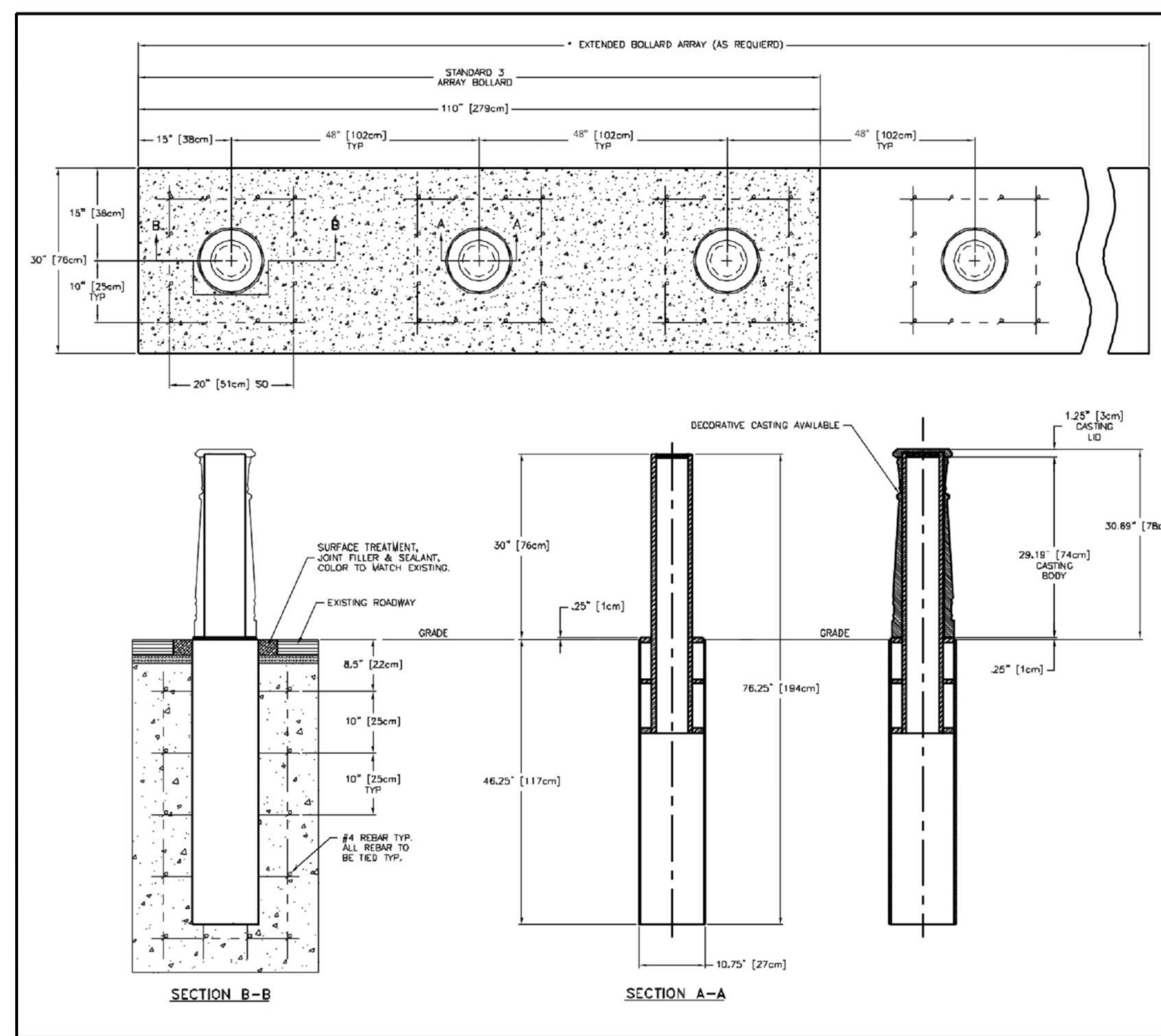
CODE CONSULTANTS, INC.
Code Consultant

LERCH BATES & ASSOCIATES
Facade Maintenance Consultant

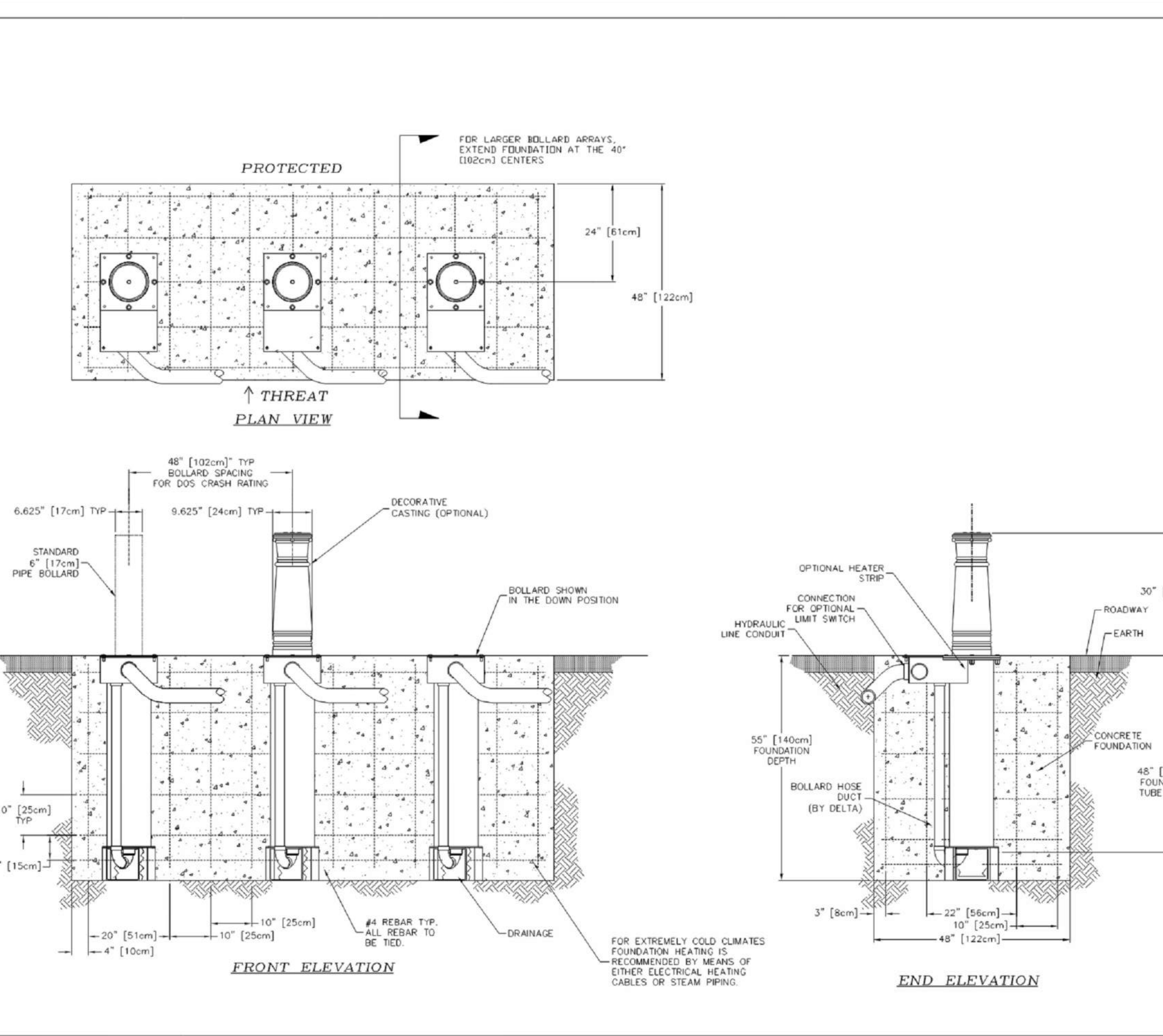
DOT DASH
Lighting Consultant

AQUATECTONIC
Pool Consultant

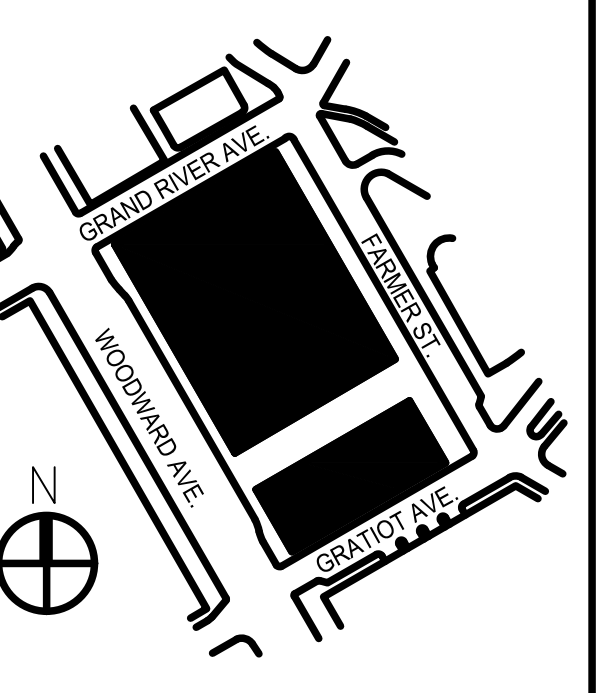
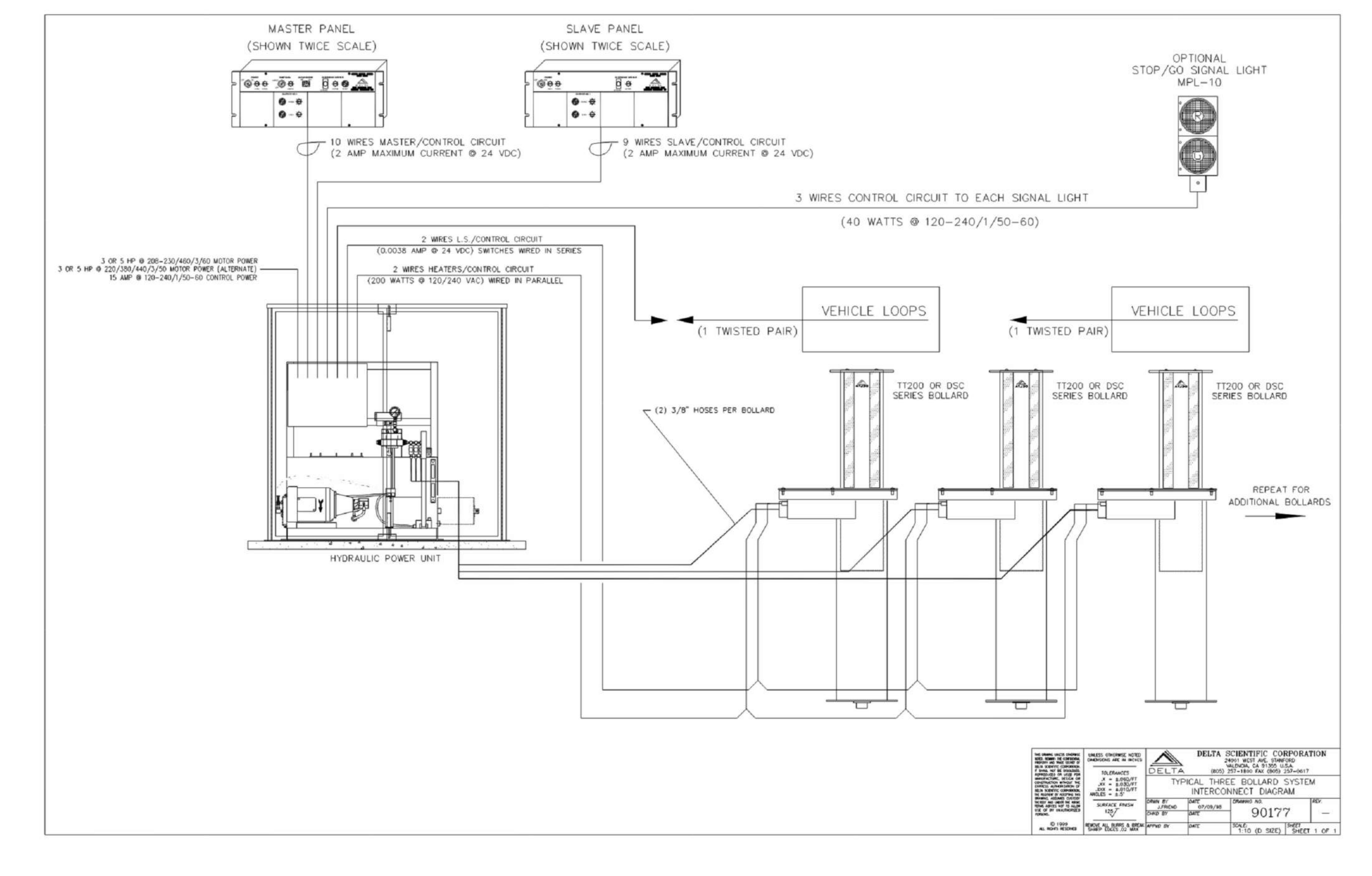
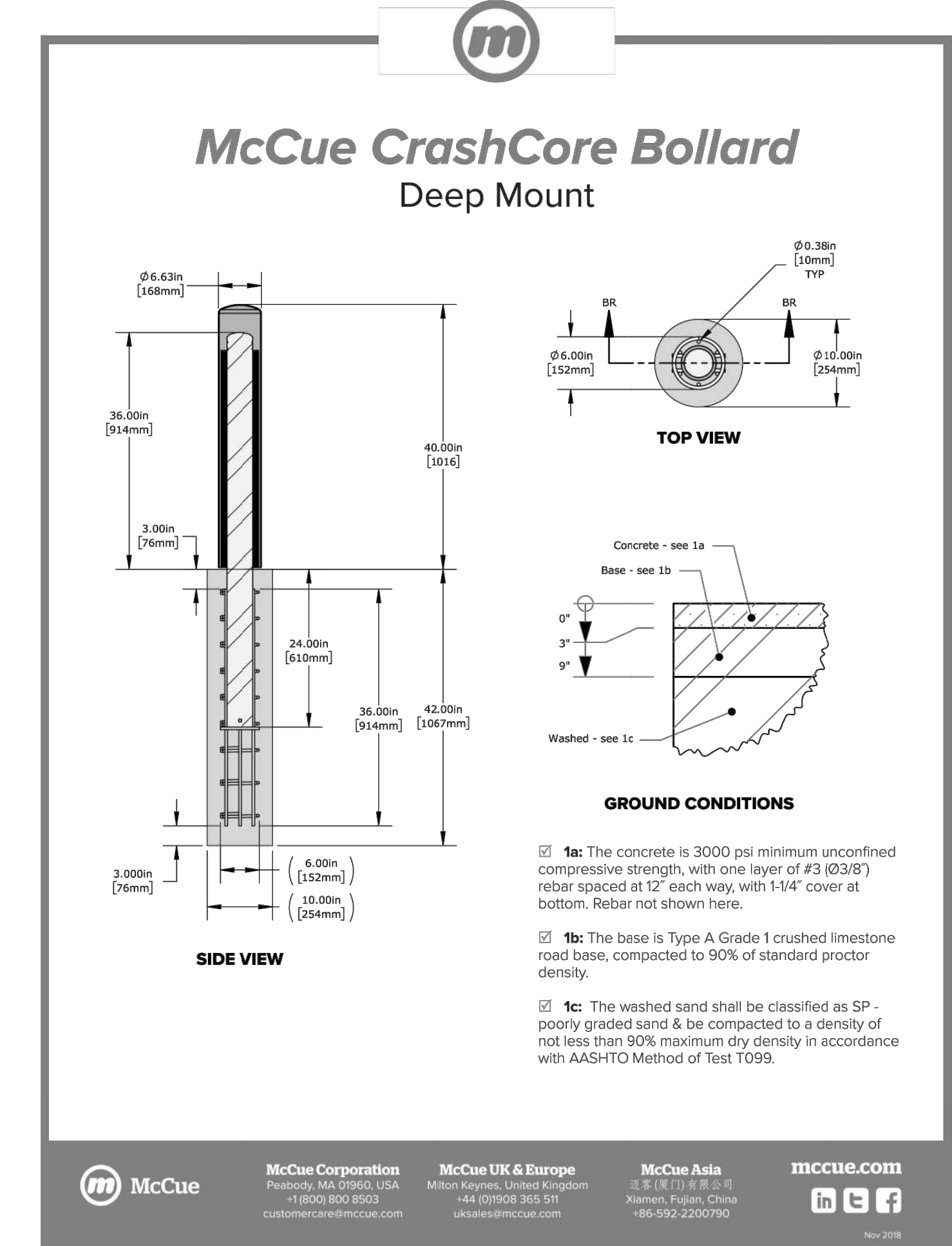
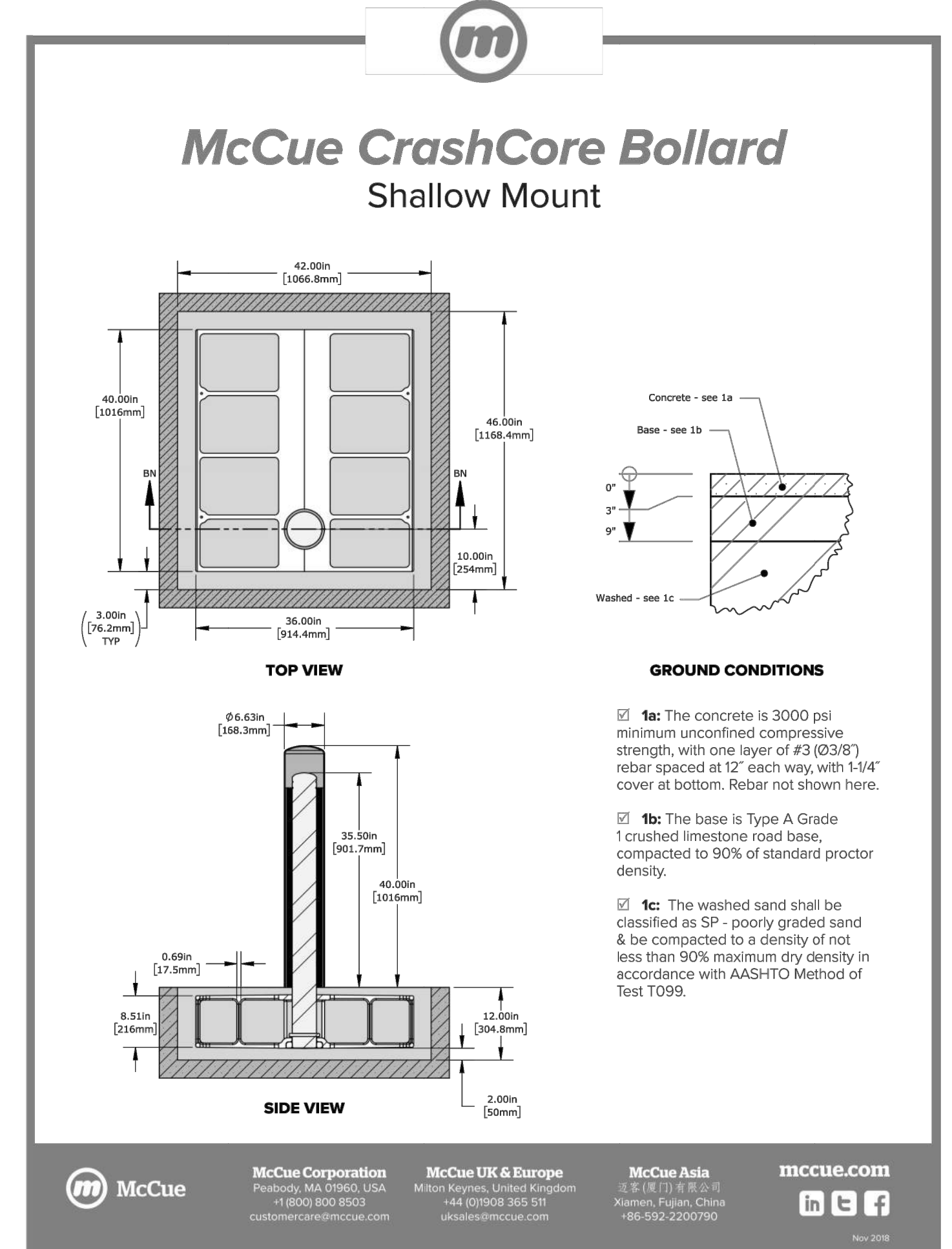
2 X 4
Signage Consultant



- 1. CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE.
- 2. FOUNDATION CONCRETE MAY BE PLACED DIRECTLY INTO NEAR EXISTING FOUNDATION WALLS PROVIDED THAT THE EXISTING WALLS ARE SOUND AND THE METHOD OF PLACEMENT IS APPROVED BY THE ENGINEER.
- 3. THE EXCAVATION SHALL BE KEPT DRY AT ALL TIMES. GROUND WATER IF ENCOUNTERED SHALL BE PUMPED FROM THE EXCAVATION.
- 4. CONCRETE SHALL BE LABORATORY TESTED, MACHINE MIXED, PRODUING 4000 PSI (28 DAYS) AT 28 DAYS.
- 5. CONCRETE SHALL BE TESTED FOR PORTLAND CEMENT CONFORMING TO ASTM C150, TYPE I OR II.
- 6. AGGREGATES SHALL CONFORM TO ASTM C33 & B GRADE FOR STANDARD SPECIFICATIONS. MAXIMUM SIZE OF AGGREGATE SHALL BE 1-1/2 INCHES (38mm).
- 7. REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A618, GRADE 60 (60,000 PSI OR 415 N/MPa).
- 8. HOOPS AND BARS SHALL CONFORM TO 40 STANDARD SIZE LATEST REVISION (SEE NUMBER OF HOOPS AND BARS SHALL BE AT LEAST 5# (8) BAR DIAMETER).
- 9. PROVIDE SPACER BARS, CHAIRS, SPREADERS, BLOCKS, ETC. AS REQUIRED TO PROPERLY HOLD THE STEEL IN PLACE BEFORE CONCRETE IS PLACED.
- 10. CONCRETE SHALL BE CONVEYED FROM THE WATER TO FINAL DESTINY BY METHODS THAT WILL PREVENT SEPARATION OF MATERIALS.
- 11. CONCRETE SHALL BE THOROUGHLY CONSOLIDATED BY VIBRATING BEARS DURING PLACEMENT AND SHALL BE THOROUGHLY CURED AND PROTECTED FROM DRYING AND CURING OF FORMS.
- 12. CONCRETE SHALL BE MAINTAINED ABOVE 50°F (10°C) AND IN A MOIST CONDITION FOR AT LEAST SEVEN (7) DAYS AFTER PLACEMENT. AGGREGATE EQUIPMENT SHALL BE PROVIDED FOR HEATING CONCRETE MATERIALS AND PROTECTING CONCRETE DURING FREEZING OR EARLY FREEZING WEATHER.
- 13. WHERE EXTERIOR WALL FACE REQUIRES SHORING AND/OR FORMING, THE FORMS SHALL BE SUBSTANTIAL AND SUFFICIENTLY RIGID TO PREVENT LEAKAGE. FORMS SHALL NOT BE REMOVED UNTIL THE CONCRETE IS SEVEN (7) DAYS OLD.
- 14. HANDLING SHALL BE DONE BY DEPOSITING AND TAMPING INTO PLACE CLEAN SAND OR FINE LEAN CONCRETE TO SOLE COMPACTION WATER SETTING SHALL NOT BE ALLOWED.
- 15. CONDITIONS AND TYPES OF ALUMINUM SHALL NOT BE ALLOWED.
- 16. CONSTRUCTION JOINTS NOT INDICATED ON THE DRAWINGS SHALL NOT BE ALLOWED. WHEN A CONSTRUCTION JOINT IS REQUIRED, ALL LATHING AND STANDING WATER REMOVED.
- 17. JOINTS SHALL BE REINFORCED FOR THE PROTECTION OF ALL EXISTING WALLS AGAINST DAMAGE AND SHALL BE REINFORCED WITH ALL CHANGES MADE TO MATCH EXISTING APPROXIMATIONS.
- 18. CONTRACTOR SHALL KEEP THE CONSTRUCTION AREA CLEAN AT ALL TIMES AND AT COMPLETION OF WORK, REMOVE ALL SURPLUS MATERIAL, EQUIPMENT AND DEBRIS AND LEAVE THE PREMISES IN A CLEAN CONDITION ACCEPTABLE TO THE OWNER OR OWNER'S REPRESENTATIVE.



- 1. CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE.
- 2. FOUNDATION CONCRETE MAY BE PLACED DIRECTLY INTO NEAR EXISTING FOUNDATION WALLS PROVIDED THAT THE EXISTING WALLS ARE SOUND AND THE METHOD OF PLACEMENT IS APPROVED BY THE ENGINEER.
- 3. THE EXCAVATION SHALL BE KEPT DRY AT ALL TIMES. GROUND WATER IF ENCOUNTERED SHALL BE PUMPED FROM THE EXCAVATION.
- 4. CONCRETE SHALL BE LABORATORY TESTED, MACHINE MIXED, PRODUING 4000 PSI (28 DAYS) AT 28 DAYS.
- 5. CONCRETE SHALL BE TESTED FOR PORTLAND CEMENT CONFORMING TO ASTM C150, TYPE I ONLY.
- 6. AGGREGATES SHALL CONFORM TO ASTM C33 & B GRADE FOR STANDARD SPECIFICATIONS. MAXIMUM SIZE OF AGGREGATE SHALL BE 1-1/2 INCHES (38mm).
- 7. REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A618, GRADE 60 (60,000 PSI OR 415 N/MPa).
- 8. HOOPS AND BARS SHALL CONFORM TO 40 STANDARD SIZE LATEST REVISION (SEE NUMBER OF HOOPS AND BARS SHALL BE AT LEAST 5# (8) BAR DIAMETER).
- 9. PROVIDE SPACER BARS, CHAIRS, SPREADERS, BLOCKS, ETC. AS REQUIRED TO PROPERLY HOLD THE STEEL IN PLACE BEFORE CONCRETE IS PLACED.
- 10. CONCRETE SHALL BE CONVEYED FROM THE WATER TO FINAL DESTINY BY METHODS THAT WILL PREVENT SEPARATION OR LOSS OF MATERIALS.
- 11. CONCRETE SHALL BE THOROUGHLY CONSOLIDATED BY VIBRATING BEARS DURING PLACEMENT AND SHALL BE THOROUGHLY CURED AND PROTECTED FROM DRYING AND CURING OF FORMS.
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4	28 OCT 21	BULLETIN NO.40
3	04 DEC 20	BULLETIN NO.21
2	09 OCT 20	BULLETIN NO.18
1	26 JUN 20	BULLETIN NO.13
NO.	DATE	ISSUE

PROJECT NUMBER KHA 17033
DRAWING TITLE

DETAILS

DRAWING NUMBER C7.103