



URBAN DESIGN COMMISSION APPLICATION CITY OF MADISON

This form may also be completed online at:
<http://www.cityofmadison.com/planning/documents/UDCapplication.pdf>

215 Martin Luther King Jr. Blvd; Room LL-100
PO Box 2985; Madison, Wisconsin 53701-2985
Phone: 608.266.4635 | Facsimile: 608.267.8739

Please complete all sections of the application, including the desired meeting date and the type of action requested.

Date Submitted: <u>June 15, 2016</u>	<input type="checkbox"/> Informational Presentation
UDC Meeting Date: <u>July 27, 2016</u>	<input type="checkbox"/> Initial Approval
Combined Schedule Plan Commission Date (if applicable): _____	<input checked="" type="checkbox"/> Final Approval

1. Project Address: 702 North Midvale Boulevard
Project Title (if any): Hilldale Shopping Center Renovations (Phase 2)

2. This is an application for (Check all that apply to this UDC application):

New Development Alteration to an Existing or Previously-Approved Development

A. Project Type:

- Project in an Urban Design District* (public hearing-\$300 fee)
- Project in the Downtown Core District (DC) or Urban Mixed-Use District (UMX) (\$150 fee, Minor Exterior Alterations)
- Suburban Employment Center (SEC) or Campus Institutional District (CI) or Employment Campus District (EC)
- Planned Development (PD)
 - General Development Plan (GDP)
 - Specific Implementation Plan (SIP)
- Planned Multi-Use Site or Planned Residential Complex

B. Signage:

- Comprehensive Design Review* (public hearing-\$300 fee) Street Graphics Variance* (public hearing-\$300 fee)
- Signage Exception(s) in an Urban Design District (public hearing-\$300 fee)

C. Other:

Please specify: _____

3. Applicant, Agent & Property Owner Information:

Applicant Name: Alexandra Patterson
Street Address: 33 Boylston Street
Telephone: (617) 646-3224 Fax: ()

Company: Hilldale Shopping Center, LLC
City/State: Chestnut Hill, MA Zip: 02467
Email: Alexandra.Patterson@wsdevelopment.com

Project Contact Person: Cliff Goodhart
Street Address: 309 West Johnson Street
Telephone: (608) 442-6684 Fax: ()

Company: Eppstein Uhen Architects
City/State: Madison, WI Zip: 53703
Email: cliffg@eua.com

Project Owner (if not applicant) : _____
Street Address: _____
Telephone: () Fax: ()

City/State: _____ Zip: _____
Email: _____

4. Applicant Declarations:

A. Prior to submitting this application, the applicant is required to discuss the proposed project with Urban Design Commission staff. This application was discussed with Al Martin on April 19, 2016.
(name of staff person) (date of meeting)

B. The applicant attests that all required materials are included in this submittal and understands that if any required information is not provided by the application deadline, the application will not be placed on an Urban Design Commission agenda for consideration.

Name of Applicant Cliff Goodhart
Authorized Signature

Relationship to Property Architect
Date June 15, 2016



HILLDALE SHOPPING CENTER - SEPTEMBER 1966

SHEET INDEX

L100	OVERALL SITE PLAN
L101	SITE PLAN / LANDSCAPE PLAN
C200	EXISTING SITE AND DEMOLITION PLAN
C300	UTILITY PLAN
C400	SITE PLAN
C500	GRADING PLAN
C700	DETAILS
C701	DETAILS
FP100	FIRE DEPARTMENT ACCESS PLAN
A001	FIRST FLOOR PLAN - EXISTING
A101	FIRST FLOOR PLAN - PROPOSED
A200	EXTERIOR ELEVATIONS
A901	PERSPECTIVE RENDERINGS
A902	PERSPECTIVE RENDERINGS
A903	PERSPECTIVE RENDERINGS
A904	PERSPECTIVE RENDERINGS
A905	PERSPECTIVE RENDERINGS
A906	PERSPECTIVE RENDERINGS
ES001	SITE LIGHTING PLAN
ES002	EXTERIOR LIGHT FIXTURES

Hilldale Shopping Center Phase 2

702 N Midvale Blvd Madison, WI 53705

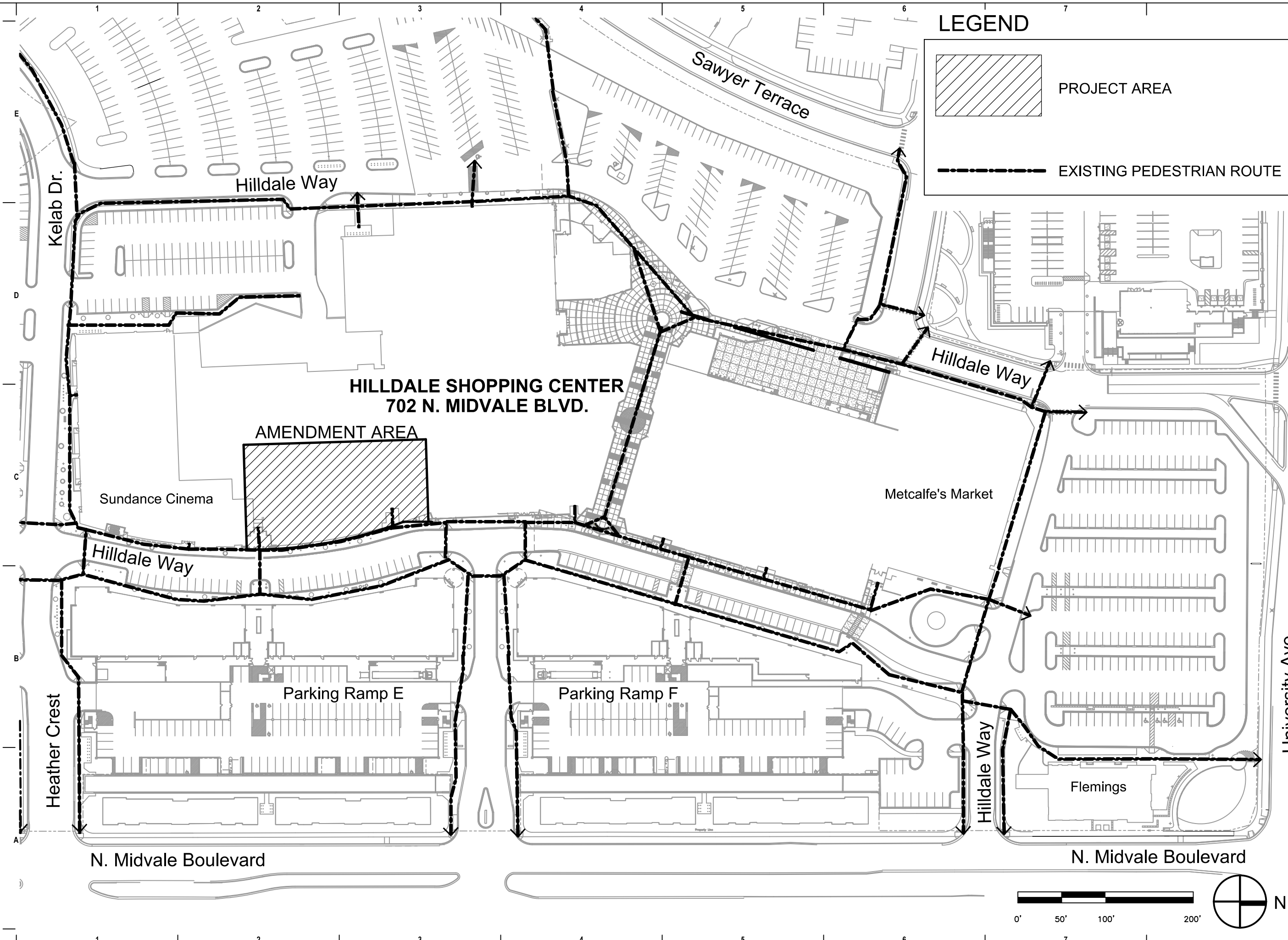


eppstein uhen : architects

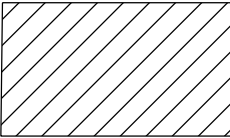

Combined Plan Commission, Urban Design Commission Submittal

06/15/2016

PROJECT NUMBER: 716013



LEGEND

 PROJECT AREA
 EXISTING PEDESTRIAN ROUTE

**HILLDALE SHOPPING CENTER
702 N. MIDVALE BLVD.**

AMENDMENT AREA

eua
 epstein uhen : architects
 milwaukee 333 East Chicago Street
 Milwaukee, Wisconsin 53202
 telephone 414.271.5255
 madison 309 West Johnson Street, Suite 202
 Madison, Wisconsin 53703
 telephone 608.442.5355

PROJECT INFORMATION
 Hilldale Shopping Center Phase 2

702 N Midvale Blvd
 Madison, WI 53705


HILLDALE


WS DEVELOPMENT
 33 BOYLSTON ST. STE 3000
 CHESTNUT HILL, MA 02467
 P 617.233.8900

ISSUANCE AND REVISIONS

Combined Plan Commission,
 Urban Design Commission
 Submittal

#	DATE	DESCRIPTION

KEY PLAN

SHEET INFORMATION

**PROGRESS DOCUMENTS
 NOT FOR CONSTRUCTION**

These documents reflect progress and intent and may be subject to change, including additional detail. These are not final construction documents and should not be used for final bidding or construction-related purposes.

PROJECT MANAGER	CG
PROJECT NUMBER	716013
DATE	05/15/2016

Overall Site Plan

L-100



PROJECT INFORMATION

Hilldale Shopping
 Center Phase 2

702 N Midvale Blvd
 Madison, WI 53705



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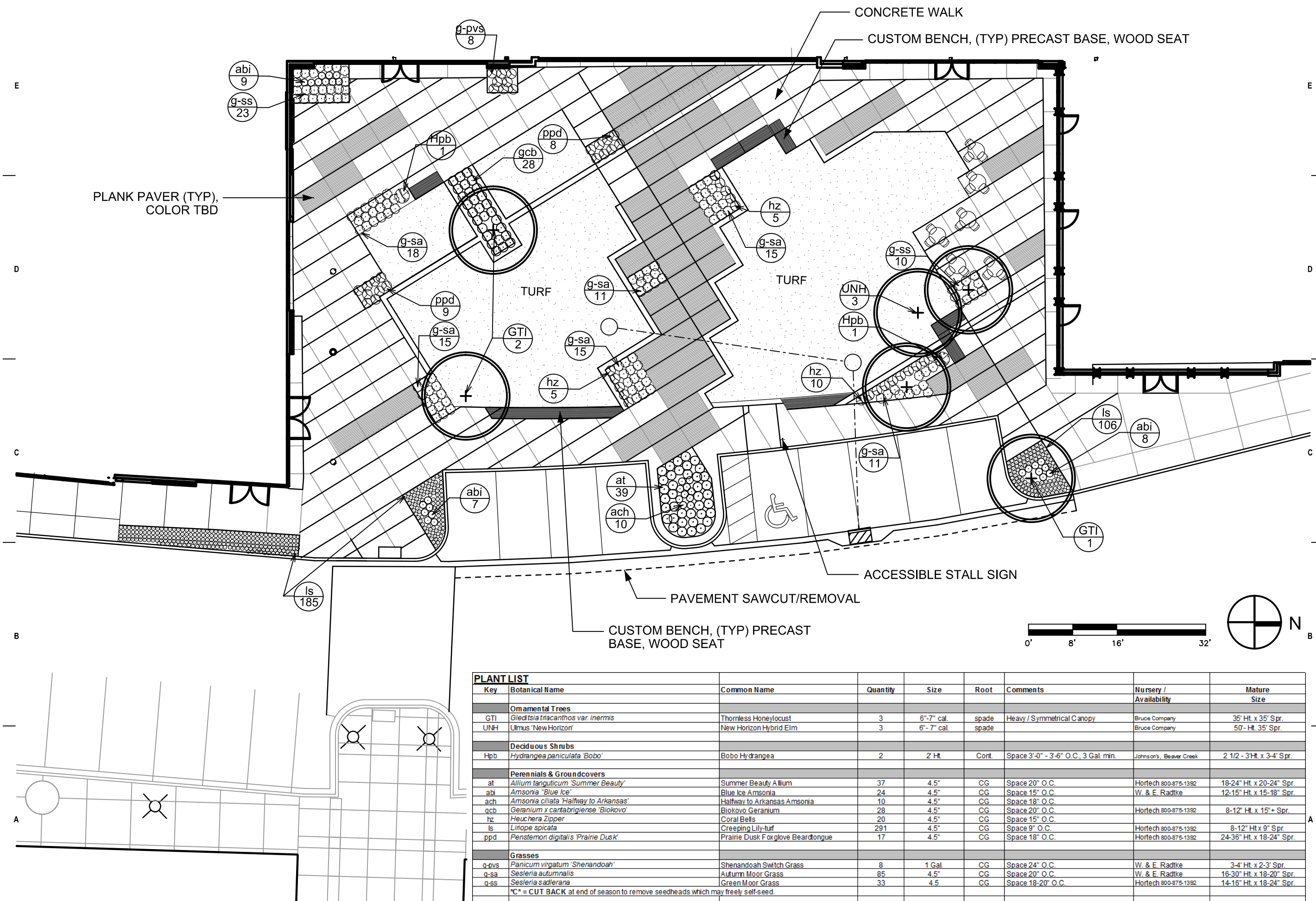
PROJECT MANAGER CG

PROJECT NUMBER 716013

DATE 06/15/2016

Site and Landscape
 Plan

L-101



Key	Botanical Name	Common Name	Quantity	Size	Root	Comments	Nursery / Availability	Mature Size
Ornamental Trees								
GTI	<i>Gleditsia triacanthos var. inermis</i>	Thornless Honeylocust	3	6"-7" cal.	spade	Heavy / Symmetrical Canopy	Bruce Company	35' Ht. x 35' Spr.
UNH	<i>Ulmus 'New Horizon'</i>	New Horizon Hybrid Elm	3	6"-7" cal.	spade		Bruce Company	50'- Ht. 35' Spr.
Deciduous Shrubs								
Hpb	<i>Hydrangea paniculata 'Bobo'</i>	Bobo Hydrangea	2	2' Ht.	Cont.	Space 3'-0" - 3'-6" O.C., 3 Gal. min.	Johnson's, Beaver Creek	2 1/2 - 3'Ht. x 3'-4' Spr.
Perennials & Groundcovers								
at	<i>Allium tanguticum 'Summer Beauty'</i>	Summer Beauty Allium	37	4.5"	CG	Space 20" O.C.	Hortech 800-875-1392	18-24" Ht. x 20-24" Spr.
abi	<i>Amsonia 'Blue Ice'</i>	Blue Ice Amsonia	24	4.5"	CG	Space 15" O.C.	W. & E. Radtke	12-15" Ht. x 15-18" Spr.
ach	<i>Amsonia ciliata 'Halfway to Arkansas'</i>	Halfway to Arkansas Amsonia	10	4.5"	CG	Space 18" O.C.		
qcb	<i>Geranium x cantabrigiense 'Blokovo'</i>	Biokovo Geranium	28	4.5"	CG	Space 20" O.C.	Hortech 800-875-1392	8-12" Ht. x 15" Spr.
hz	<i>Heuchera Zipper</i>	Coral Bells	20	4.5"	CG	Space 15" O.C.		
ls	<i>Liriope spicata</i>	Creeping Lily-turf	291	4.5"	CG	Space 9" O.C.	Hortech 800-875-1392	8-12" Ht x 9" Spr.
ppd	<i>Penstemon digitalis 'Prairie Dusk'</i>	Prairie Dusk Foxglove Beardtongue	17	4.5"	CG	Space 18" O.C.	Hortech 800-875-1392	24-36" Ht. x 18-24" Spr.
Grasses								
q-pvs	<i>Panicum virgatum 'Shenandoah'</i>	Shenandoah Switch Grass	8	1 Gal.	CG	Space 24" O.C.	W. & E. Radtke	3-4' Ht. x 2-3' Spr.
q-sa	<i>Sesleria autumnalis</i>	Autumn Moor Grass	85	4.5"	CG	Space 20" O.C.	W. & E. Radtke	16-30" Ht. x 18-20" Spr.
q-ss	<i>Sesleria adlerana</i>	Green Moor Grass	33	4.5"	CG	Space 18-20" O.C.	Hortech 800-875-1392	14-16" Ht. x 18-24" Spr.
C = CUT BACK at end of season to remove seedheads which may freely self-seed.								

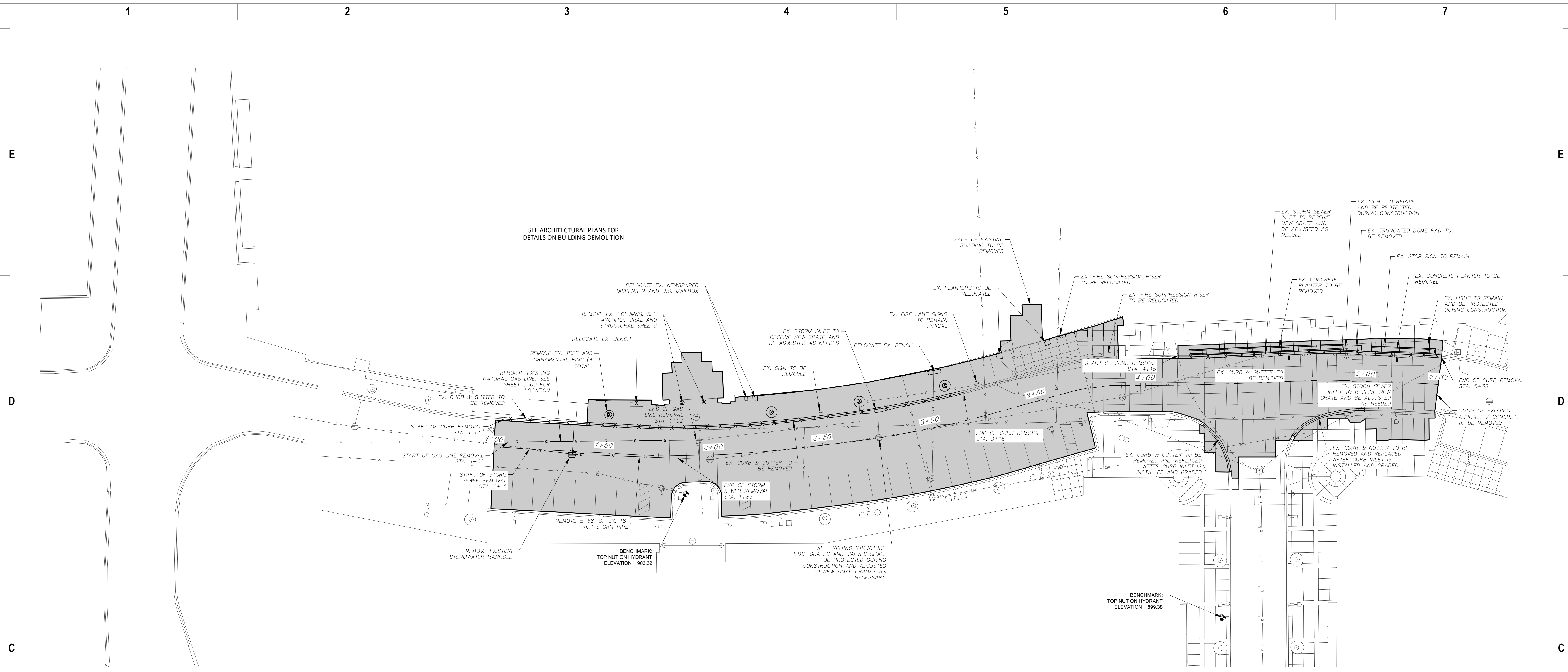


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GENERAL CONDITIONS

1. THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE MUNICIPALITY TWO WORKING DAYS (48 HOURS) PRIOR TO THE START OF CONSTRUCTION.
2. THE CONTRACTOR SHALL INDEMNIFY THE OWNER AND THE ENGINEER, THEIR AGENTS, ETC. FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, AND TESTING OF THE WORK ON THIS PROJECT.
3. SITE SAFETY SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
4. THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR DETERMINING QUANTITIES AND SHALL STATE SUCH QUANTITIES IN HIS PROPOSAL. HE SHALL BASE HIS BID ON HIS OWN ESTIMATE OF THE WORK REQUIRED AND SHALL NOT RELY ON THE ENGINEER'S ESTIMATE.
5. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING SOIL CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
6. THE CONTRACTOR IS RESPONSIBLE FOR EXAMINING ALL SITE CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL COMPARE FIELD CONDITIONS WITH DRAWINGS.
7. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS REQUIRED FOR EXECUTION OF THE WORK. THE CONTRACTOR SHALL CONDUCT HIS WORK ACCORDING TO THE REQUIREMENTS OF THE PERMITS.
8. CONTRACTOR IS ADVISED THAT ALL MUD AND DEBRIS MUST NOT BE DEPOSITED ONTO THE ADJACENT ROADWAYS PER THE REQUIREMENT OF THE MUNICIPALITY OR OTHER APPROPRIATE GOVERNMENT AGENCIES.
9. ANY ADJACENT PROPERTIES OR ROAD RIGHT-OF-WAYS WHICH ARE DAMAGED DURING CONSTRUCTION MUST BE RESTORED BY THE CONTRACTOR. THE COST OF THE RESTORATION IS CONSIDERED INCIDENTAL, AND SHOULD BE INCLUDED IN THE BID PRICES.

UTILITY NOTES

1. EXTREME CAUTION MUST BE EXERCISED BEFORE AN EXCAVATION TAKES PLACE ON OR NEAR THIS SITE.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING ALL EXISTING UTILITIES LOCATED.
3. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY COMPANIES IN MAINTAINING THEIR SERVICE AND/OR RELOCATION OF UTILITIES.
4. THE CONTRACTOR SHALL REPAIR OR REPLACE ANY UTILITIES WHEN DAMAGED DURING CONSTRUCTION AT NO COST TO THE OWNER.

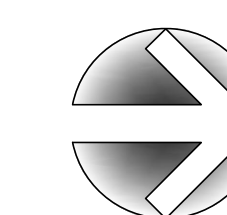
LEGEND

— ST —	STORM SEWER LINE
— W —	WATER MAIN LINE
— SAN —	SANITARY SEWER LINE
— G —	BURIED GAS LINE
— E —	BURIED ELECTRICAL LINE
⊗	SANITARY MANHOLE
⊕	WATER VALVE
⊙	FIRE HYDRANT
⊖	FIRE MAIN HOOKUP
⊗	STORM SEWER MANHOLE
⊙	CIRCULAR INTAKE/INLET
⊕	SQUARE INTAKE/INLET
⊖	H-INLET
⊙	STREET LIGHT
⊕	POWER POLE W/TRANSFORMER
⊙	UTILITY POLE W/LIGHT
⊕	ELECTRIC BOX
⊕	ELECTRIC TRANSFORMER
⊕	ELECTRIC MH OR VAULT
⊕	TRAFFIC SIGN
⊕	GAS VALVE
⊕	GAS METER
⊕	BENCHMARK
⊕	HANDICAP PARKING STALL

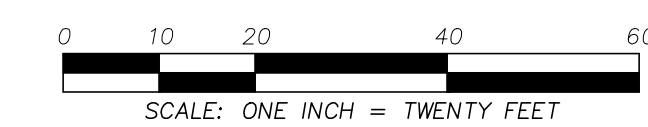


Know what's below.
Call before you dig.

WIS. STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE.



NORTH



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Milwaukee, Wisconsin 53202
telephone 414.271.5390
madison 309 West Johnson Street, Suite 202
Madison, Wisconsin 53703
telephone 608.442.5390



SNYDER & ASSOCIATES
Engineers and Planners

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Center Phase 2

702 N Midvale Blvd
Madison, WI 53705



WS DEVELOPMENT
33 BOYLSTON ST., STE 3000
CHESTNUT HILL, MA 02467
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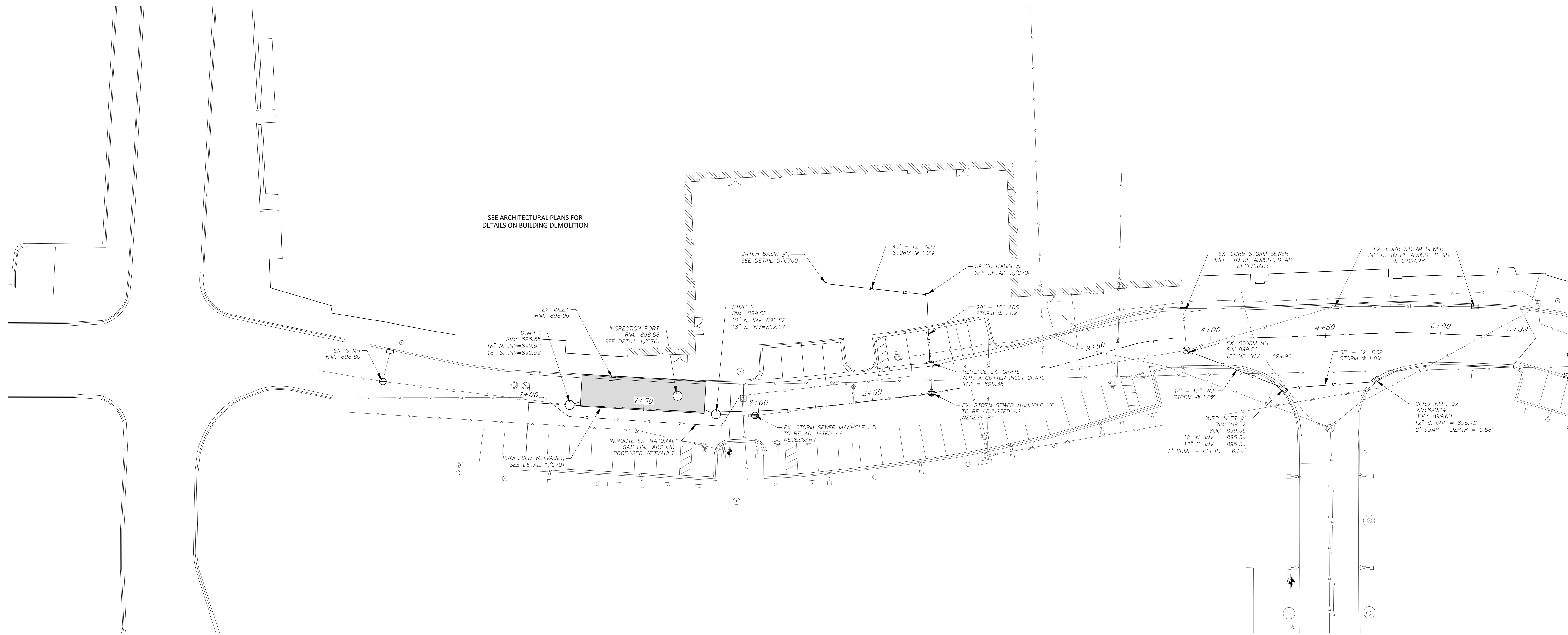
PROJECT NUMBER 716013

DATE 06/15/2016

UTILITY PLAN

C300

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NOTES

- ALL EXISTING UTILITY LOCATIONS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED PRIOR TO THE START OF CONSTRUCTION.

LEGEND

- S1- ST- STORM SEWER LINE
- W- W- WATER MAIN LINE
- SAN- SAN- SANITARY SEWER LINE
- G- G- BURIED GAS LINE
- E- E- BURIED ELECTRICAL LINE
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- ⊕ WATER VALVE
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- ⊕ GAS VALVE
- ⊕ GAS METER
- ⊕ BENCHMARK
- ⊕ HANDICAP PARKING STALL

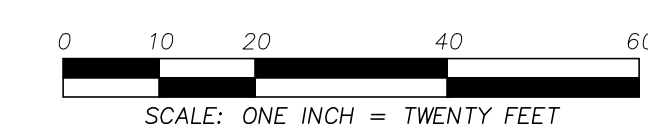


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NORTH



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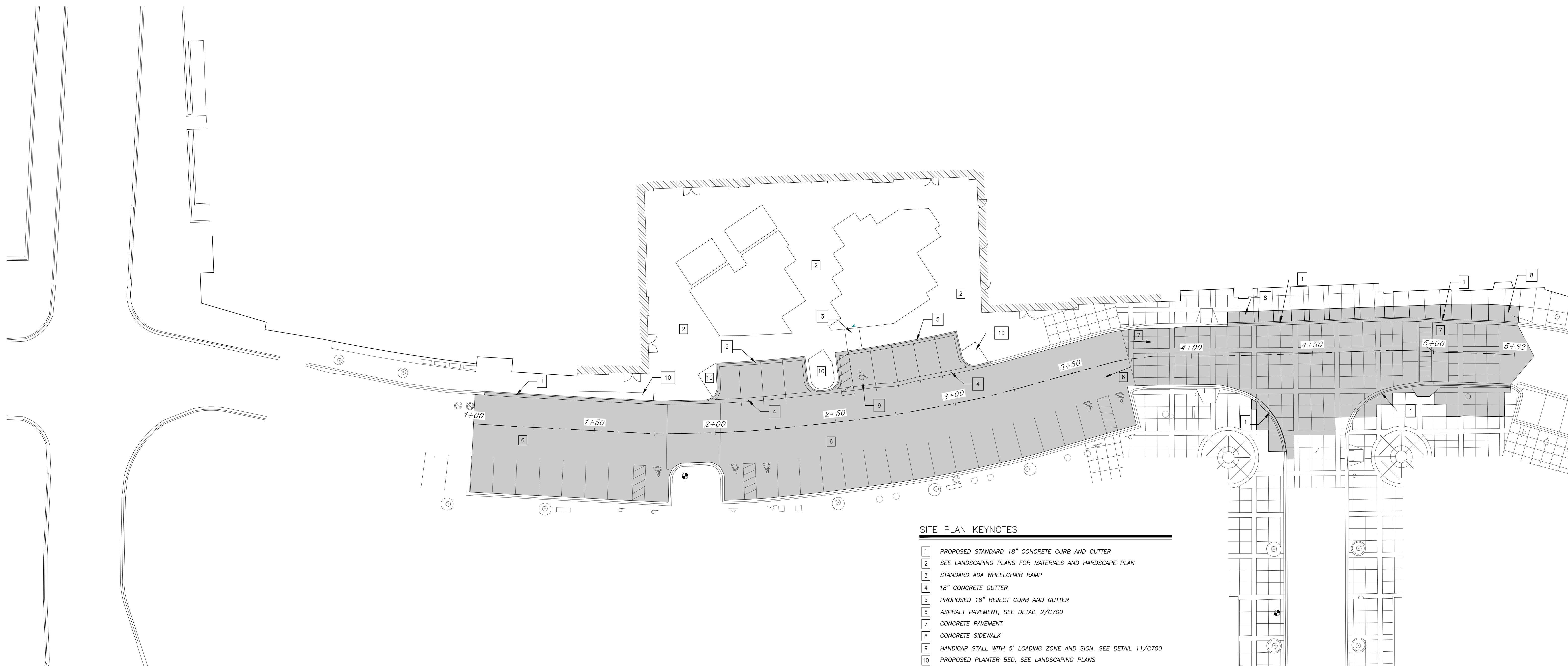
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SITE PLAN KEYNOTES

- 1 PROPOSED STANDARD 18" CONCRETE CURB AND GUTTER
- 2 SEE LANDSCAPING PLANS FOR MATERIALS AND HARDSCAPE PLAN
- 3 STANDARD ADA WHEELCHAIR RAMP
- 4 18" CONCRETE GUTTER
- 5 PROPOSED 18" REJECT CURB AND GUTTER
- 6 ASPHALT PAVEMENT, SEE DETAIL 2/C700
- 7 CONCRETE PAVEMENT
- 8 CONCRETE SIDEWALK
- 9 HANDICAP STALL WITH 5' LOADING ZONE AND SIGN, SEE DETAIL 11/C700
- 10 PROPOSED PLANTER BED, SEE LANDSCAPING PLANS



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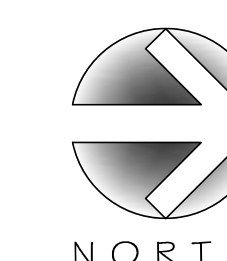
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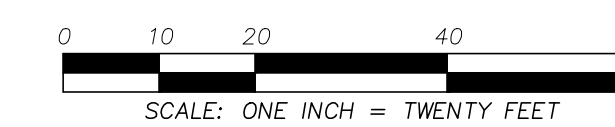


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NORTH



SITE PLAN

C400

INSTALLATION NOTES:

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLower THAN 30" MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OR 3" WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG USING PLASTIC ZIP TIES TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

GENERAL NOTES:

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON MS DOT PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

INLET PROTECTION SHALL BE INSTALLED IN ACCORDANCE WITH HWYR TECHNICAL STANDARDS 1060

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FLAP POCKET SHALL BE LARGE ENOUGH TO ACCEPT A WOOD 2" x 4".

INLET SPECIFICATIONS

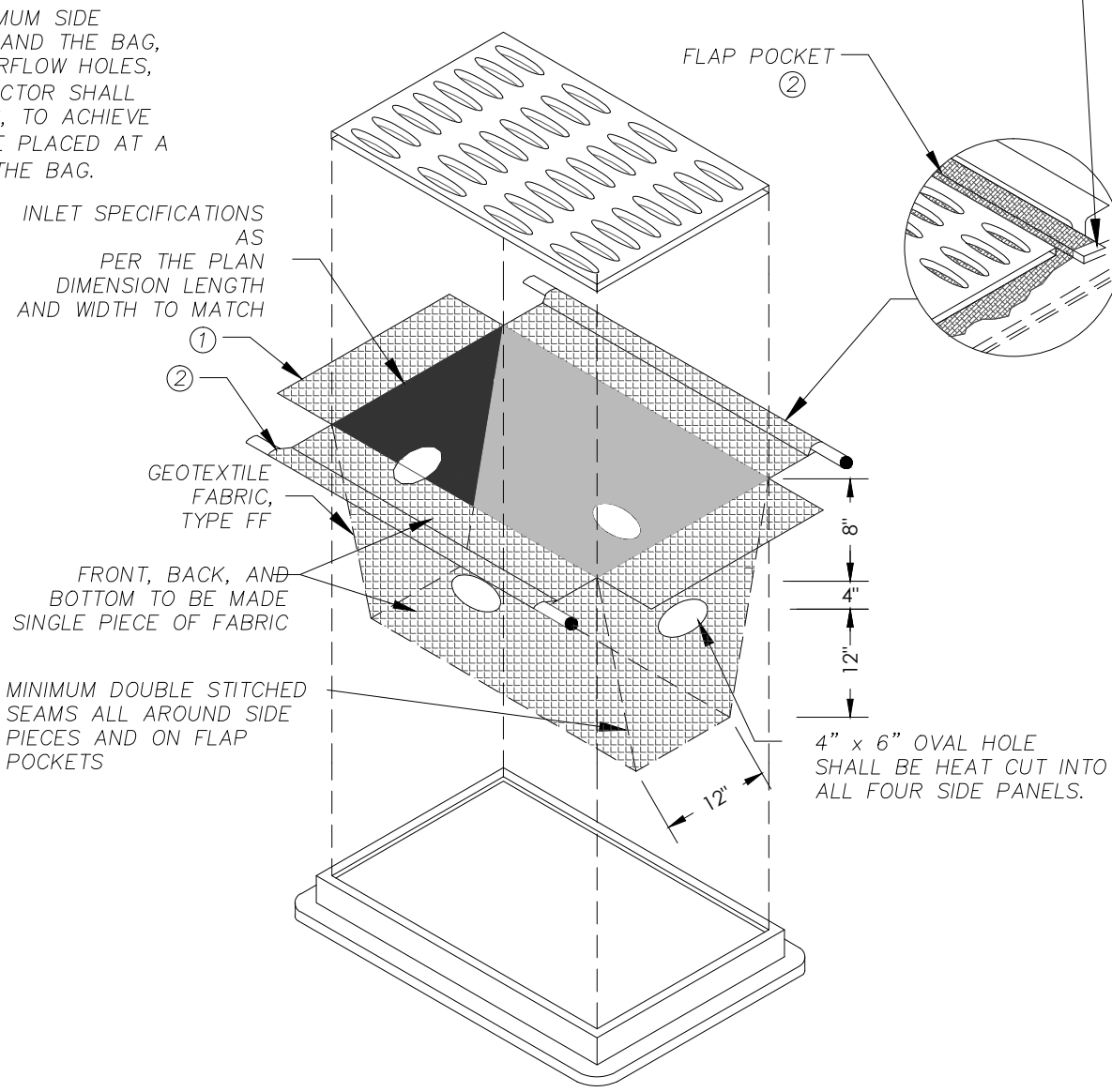
AS PER THE PLAN DIMENSION LENGTH AND WIDTH TO MATCH

GEOTEXTILE FABRIC TYPE FF

FRONT, BACK, AND BOTTOM TO BE MADE SINGLE PIECE OF FABRIC

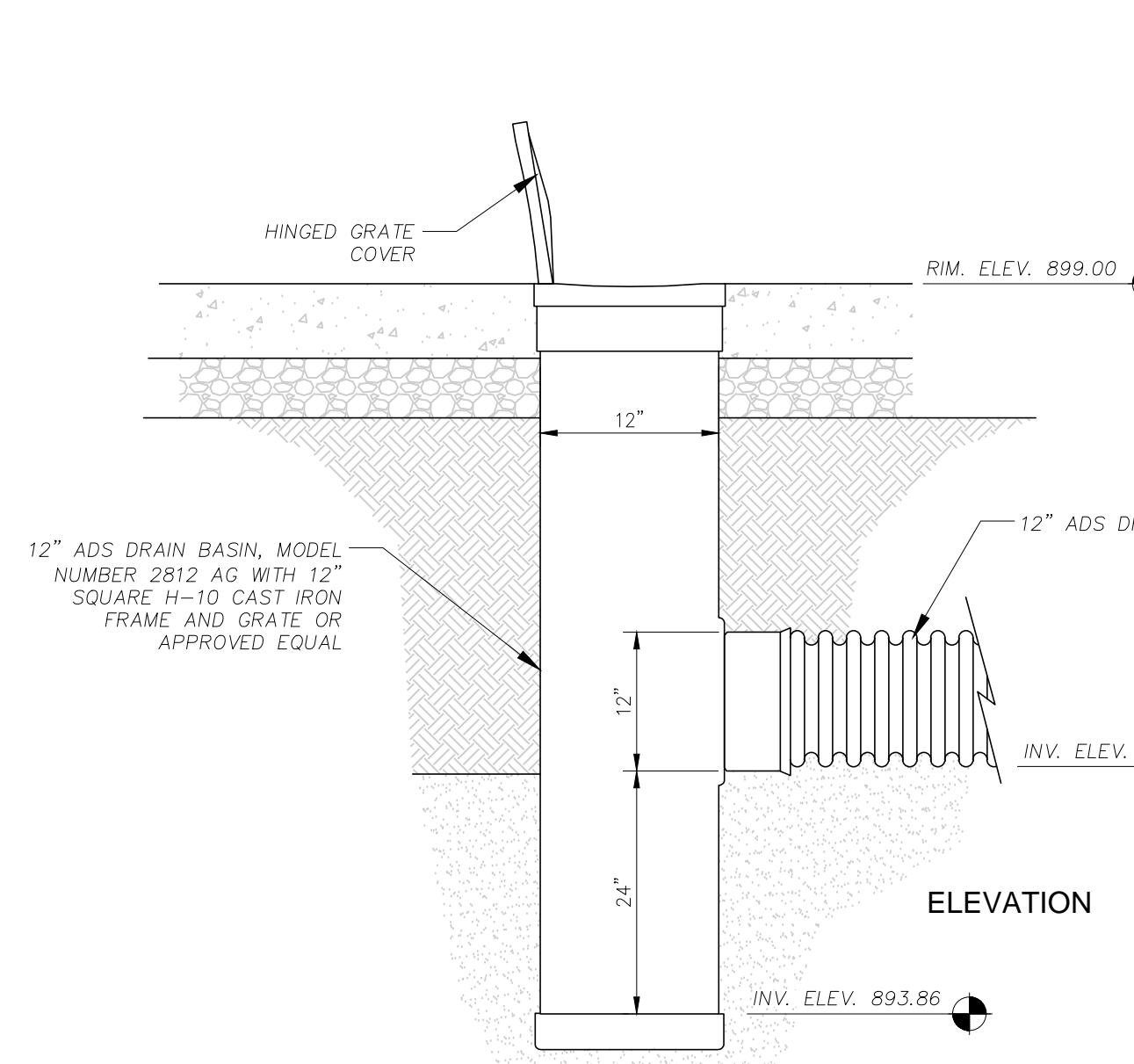
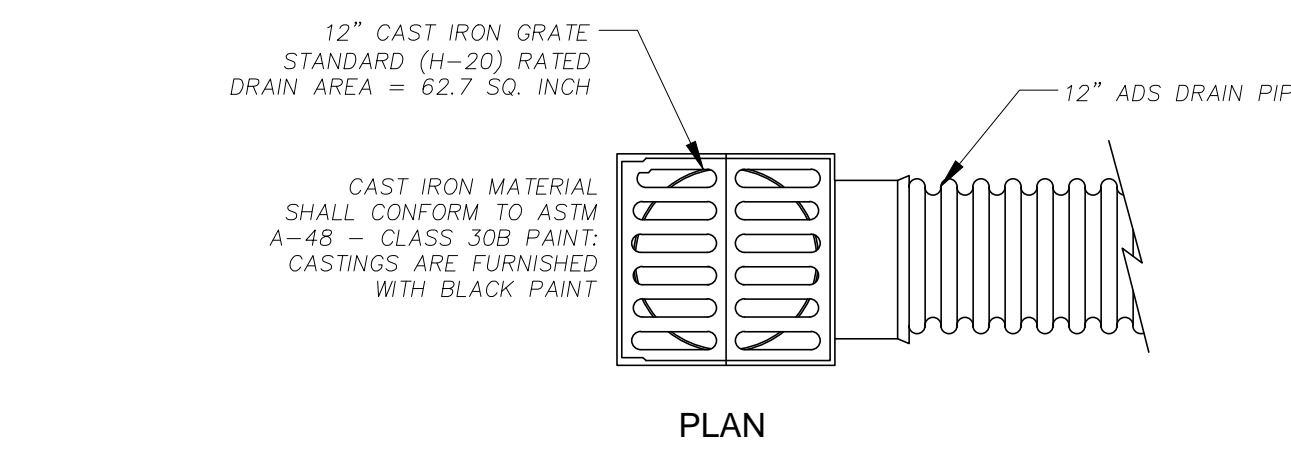
MINIMUM DOUBLE STITCHED SEAMS ALL AROUND SQUARE PIECES AND ON FLAP POCKETS

USE REBAR OR STEEL ROD FOR REMOVAL OR FOR INLETS WITH A CAST CURB BOX; USE A WOOD 2" x 4" EXTENDED 10" BEYOND SIDES OF GRATE, CONNECT 2" x 4" TO GRATE WITH WIRE OR PLASTIC TIES

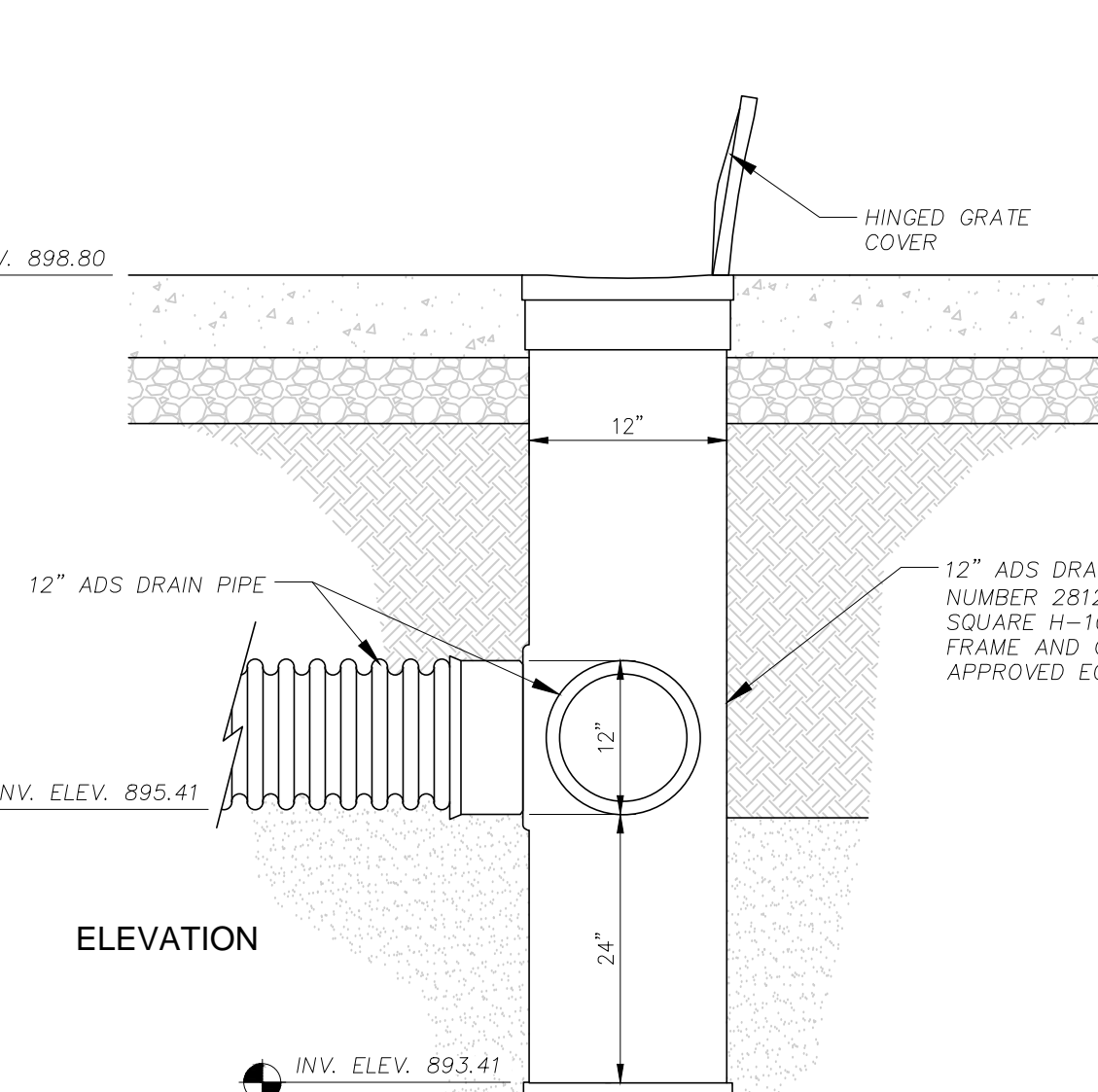
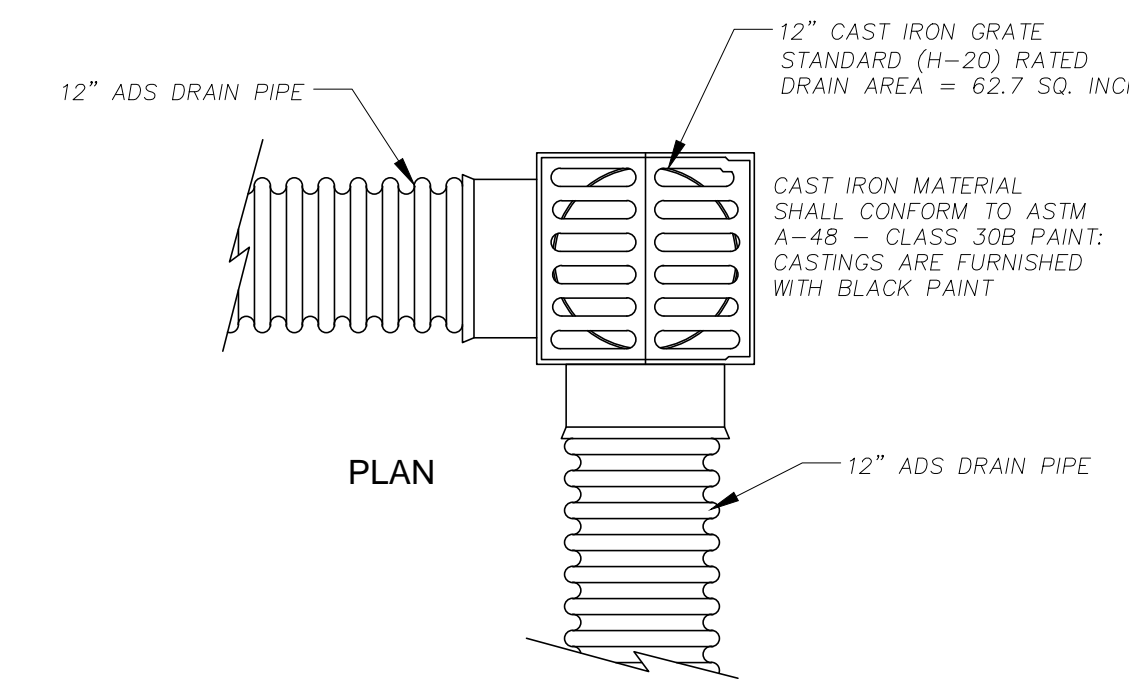


1 INLET PROTECTION TYPE "D" DETAIL

C700 SCALE: NTS



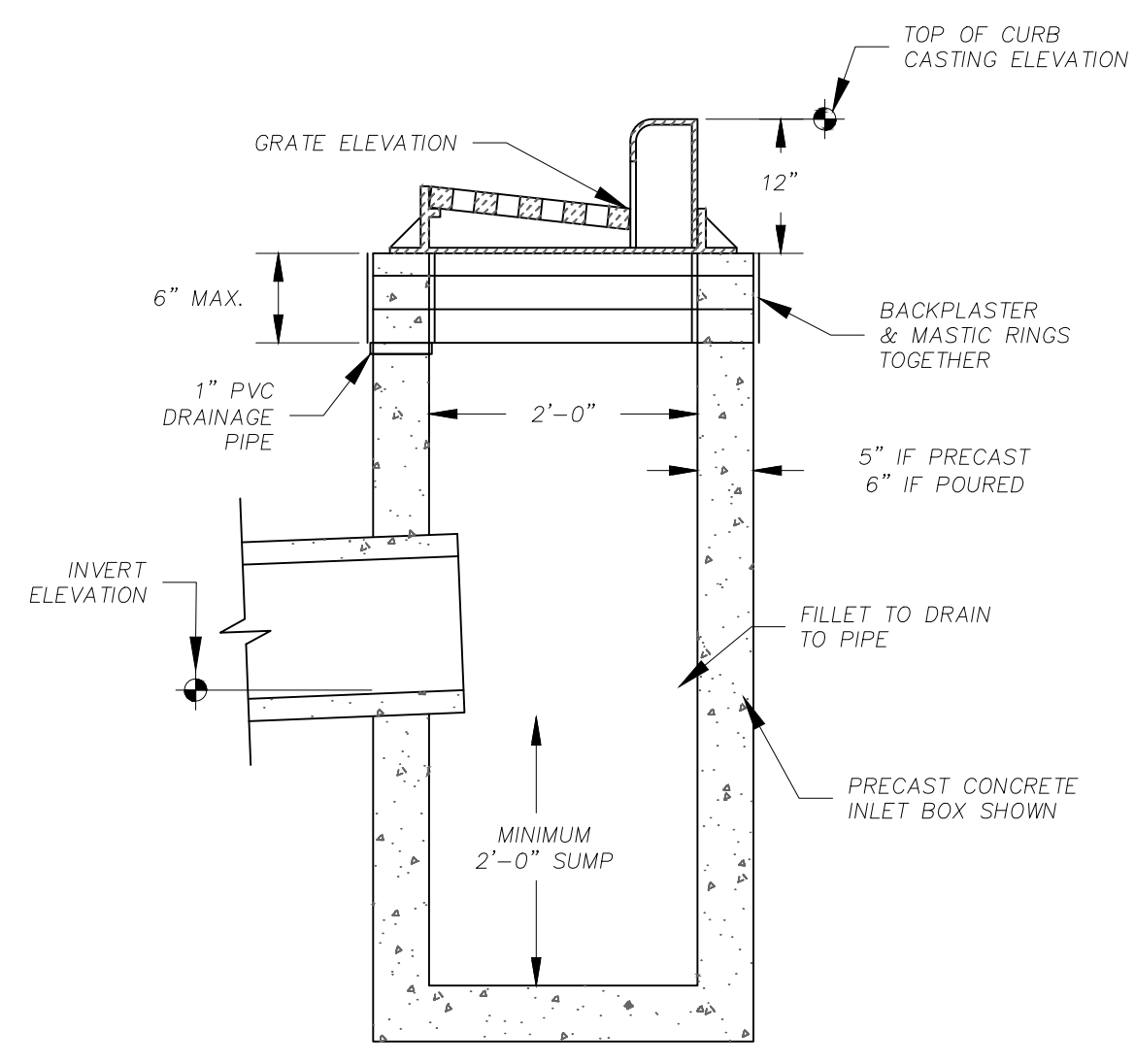
CATCH BASIN #1



CATCH BASIN #2

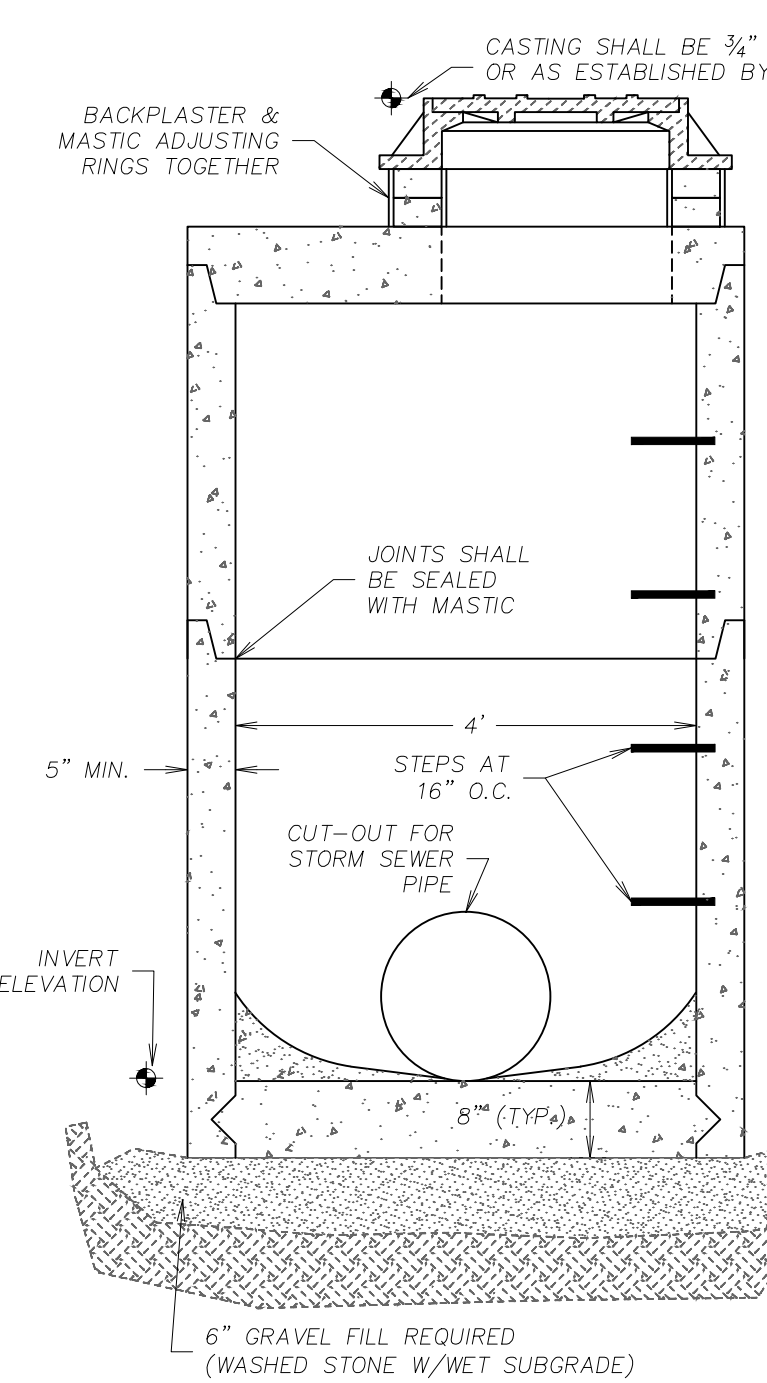
5 GRATED CATCH BASIN

C700 SCALE: NTS



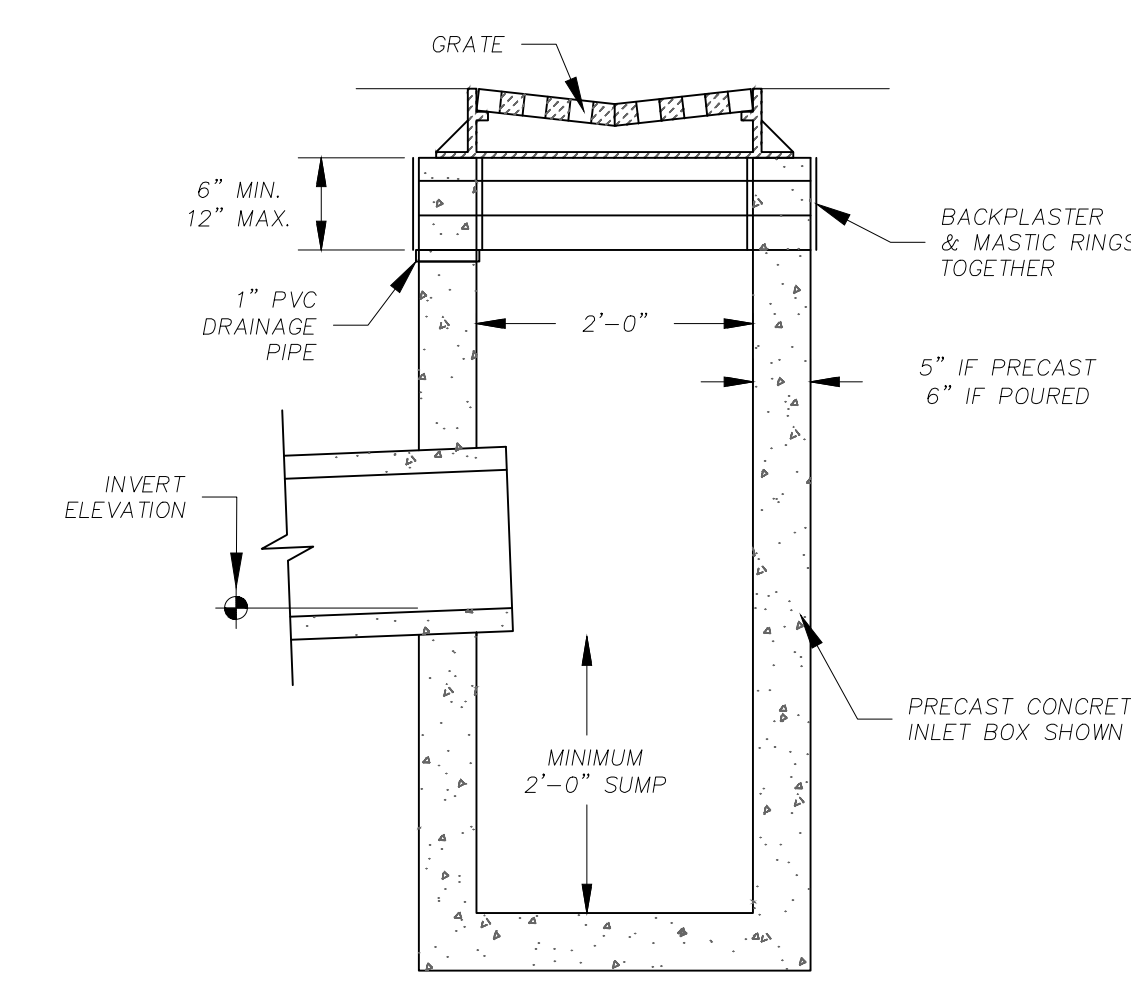
6 STORM SEWER CURB INLET DETAIL

C700 SCALE: NTS



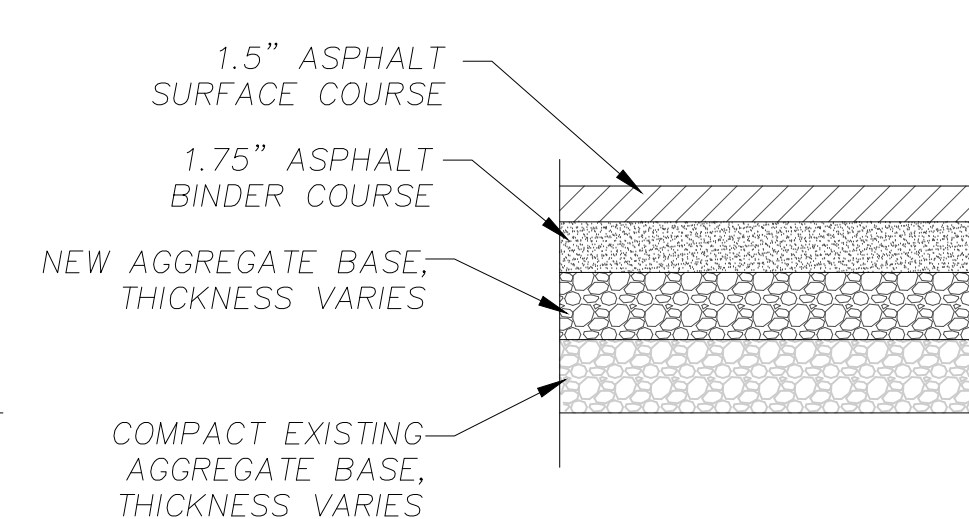
7 STORM SEWER MANHOLE

C700 SCALE: NTS

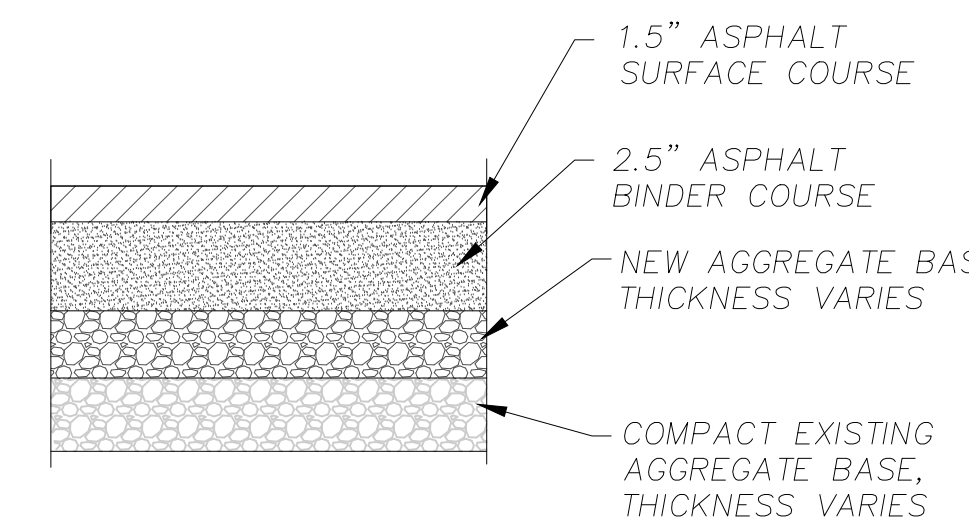


8 STORM SEWER CATCH BASIN

C700 SCALE: NTS



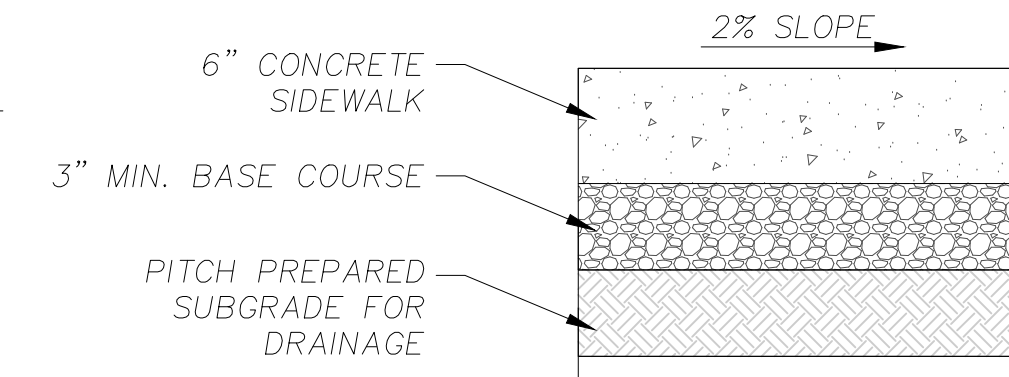
LIGHT DUTY ASPHALT PAVING DETAIL



HEAVY DUTY ASPHALT PAVING DETAIL

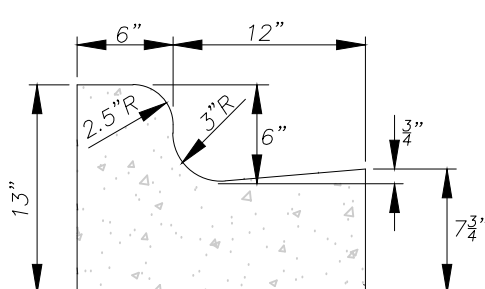
2 TYPICAL PAVEMENT SECTIONS

C700 SCALE: NTS

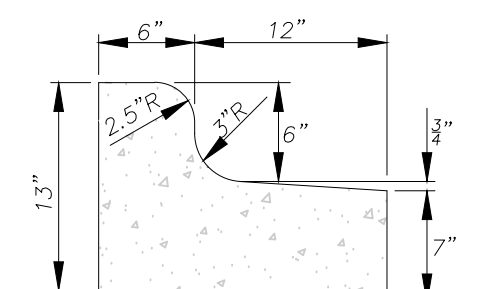


3 TYPICAL SIDEWALK SECTION

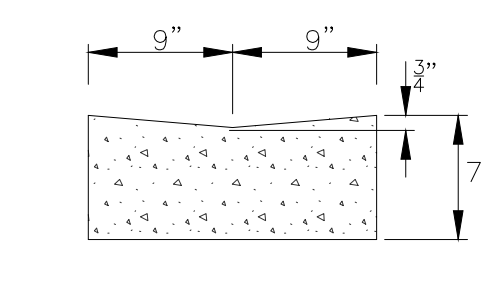
C700 SCALE: NTS



STANDARD CONCRETE CURB & GUTTER



REJECT CONCRETE CURB & GUTTER



VALLEY CONCRETE CURB & GUTTER

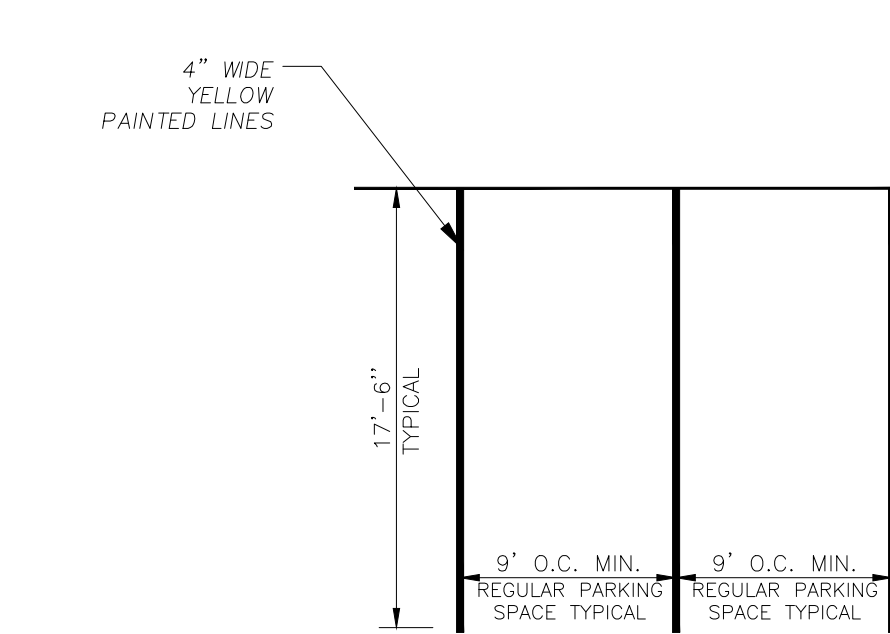
NOTES:

LATERAL CONTRACTION JOINTS SHALL BE PLACED AT INTERVALS OF NOT MORE THAN 15' NOR LESS THAN 6' IN LENGTH. THE JOINTS SHALL BE A MINIMUM OF 3" IN DEPTH. EXPANSION JOINTS SHALL BE PLACED TRANSVERSELY AT RADIUS POINTS ON CURVES OF RADIUS 200' OR LESS, AND AT ANGLE POINTS, OR AS DIRECTED BY THE ENGINEER.

THE EXPANSION JOINT SHALL BE A ONE PIECE ASPHALTIC MATERIAL HAVING THE SAME DIMENSIONS AS CURB & GUTTER AT THAT STATION AND BE 1/2" THICK. IN ALL CASES, CONCRETE CURB & GUTTER SHALL BE PLACED ON THOROUGHLY COMPACTED CRUSHED STONE.

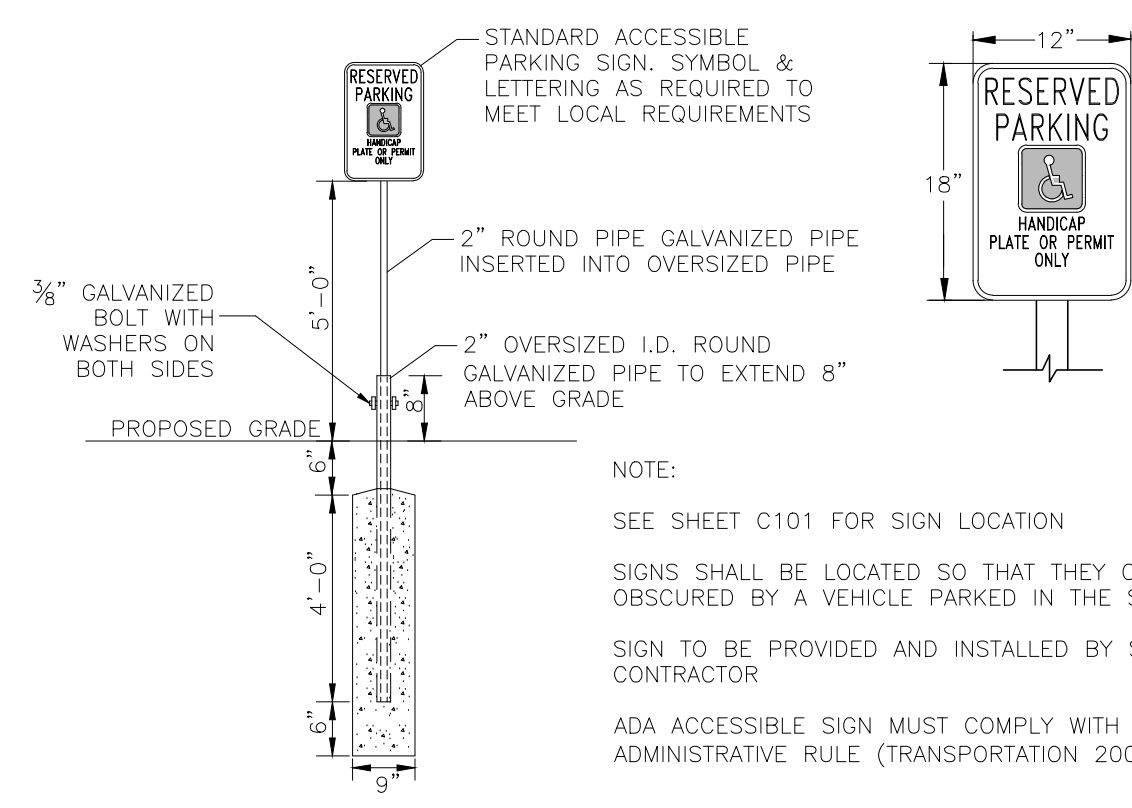
4 TYPICAL CURB SECTIONS

C700 SCALE: NTS



10 PARKING STALL PAINT DETAIL

C700 SCALE: NTS



11 ADA ACCESSIBLE SIGNAGE DETAIL

C700 SCALE: NTS



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madison 309 West Johnson Street, Suite 202
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telephone 608.442.5350



SNYDER & ASSOCIATES
Engineers and Planners

PROJECT INFORMATION

Hilldale Shopping Center Phase 2

702 N Midvale Blvd
Madison, WI 53705



HILLDALE

WS DEVELOPMENT
33 BOYLSTON ST., STE. 3000
CHESTNUT HILL, MA 02467
P 617.232.8900

ISSUANCE AND REVISIONS

SCHEMATIC DESIGN

#	DATE	DESCRIPTION

KEY PLAN

SHEET INFORMATION

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PROJECT MANAGER CG
PROJECT NUMBER 716013-01
DATE 06/03/2016

DETAILS

C700

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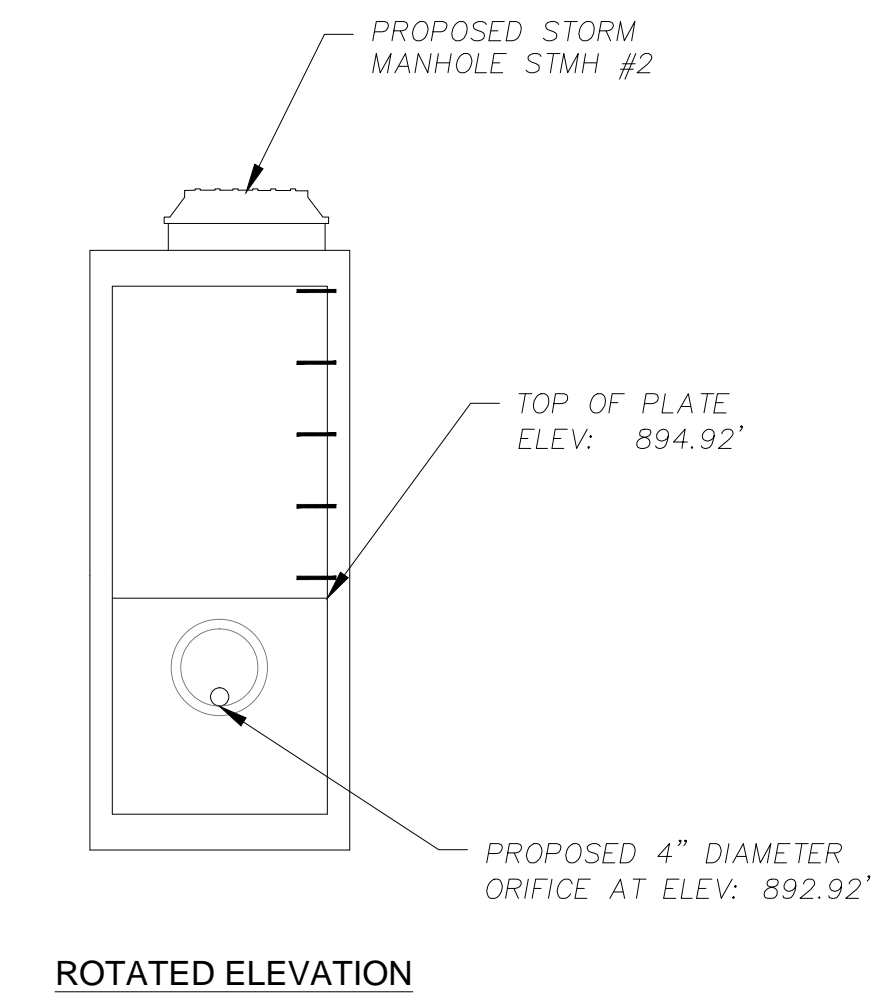
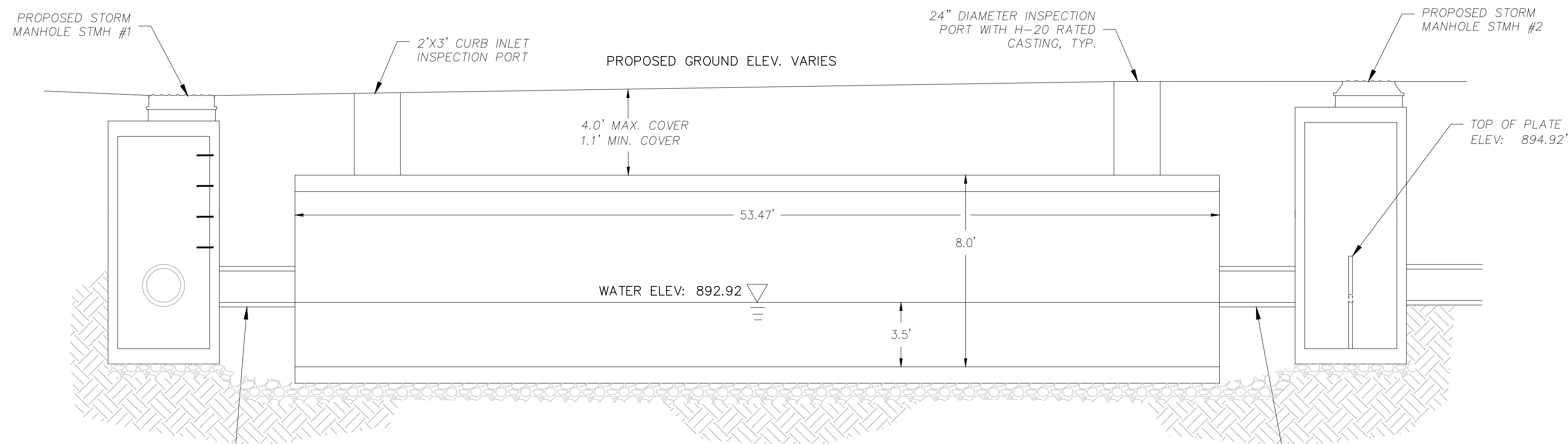
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- NOTES:
1. MINIMUM WATER POOL AREA SHALL BE 623 SQ. FT.
 2. STRUCTURE SHALL HAVE TWO INSPECTION PORTS, ONE ON EACH END FOR VACUUM TRUCK ACCESS AND VISUAL INSPECTION.
 3. METAL WEIR PLATE SHALL BE TREATED TO RESIST CORROSION. PLATE SHALL BE ANCHORED TO SIDE OF MANHOLE VIA ANGLE IRON. ALL GAPS SHALL BE TREATED TO BE WATER TIGHT WITH WATER PROOF EPOXY SEALANT.

1 UNDERGROUND STORM SEWER WETVAULT
SCALE: NTS



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PROJECT INFORMATION
Hilldale Shopping Center Phase 2

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ISSUANCE AND REVISIONS
SCHEMATIC DESIGN

#	DATE	DESCRIPTION
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KEY PLAN

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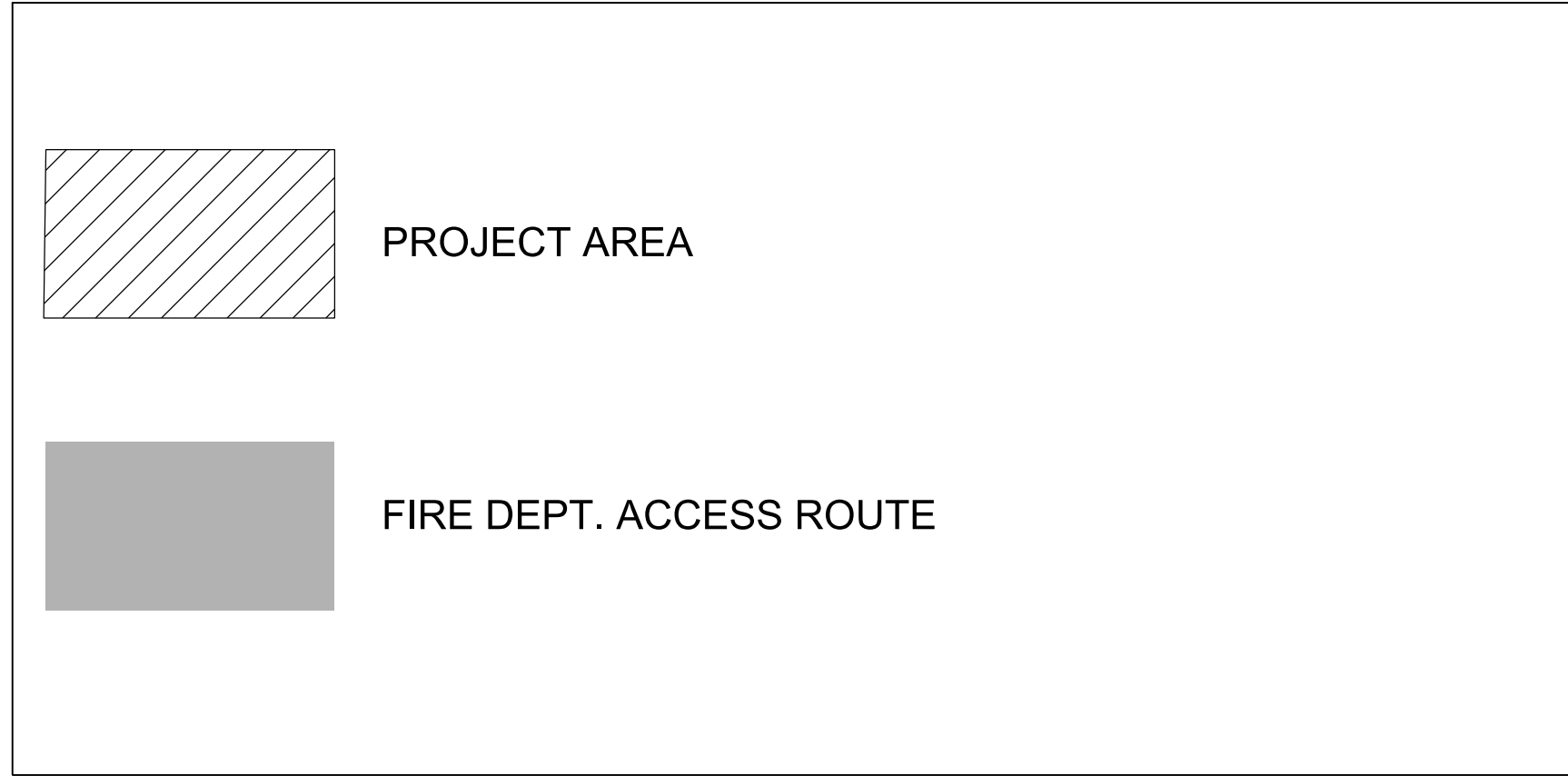
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 PROJECT NUMBER 716013-01
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UNDERGROUND STORM SEWER WETVAULT

C701

LEGEND



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PROJECT INFORMATION

Hilldale Shopping Center Phase 2

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KEY PLAN

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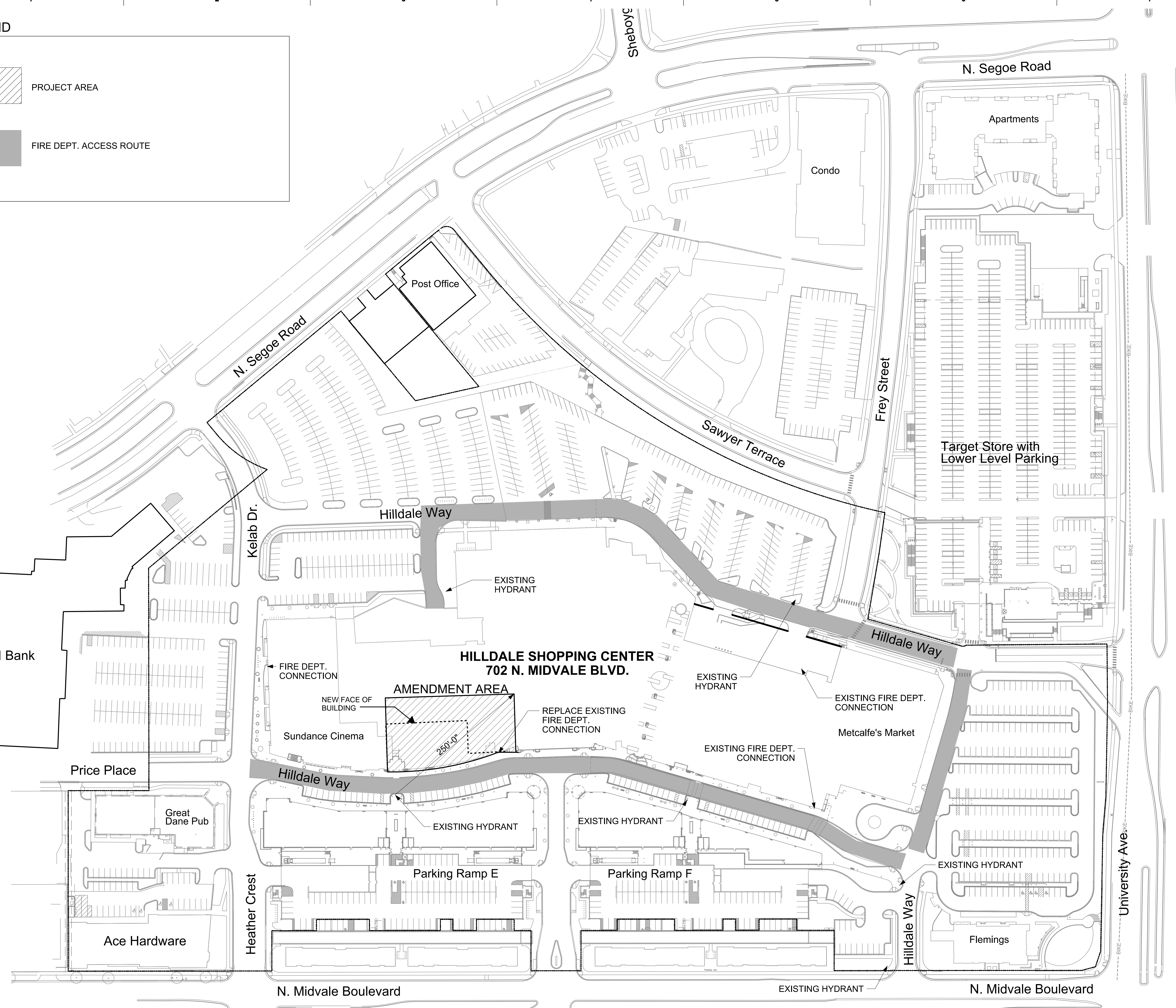
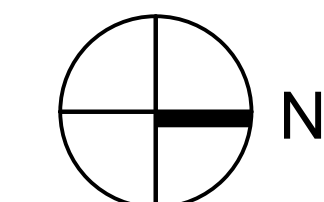
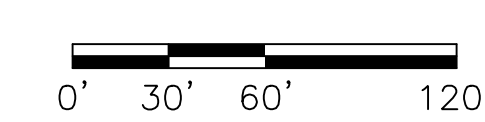
PROJECT MANAGER CG
 PROJECT NUMBER 716013
 DATE 06/15/2016

Fire Dept. Access Plan

FP100

FIRE DEPT. ACCESS PLAN

1
 FP100



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1 2 3 4 5 6 7

E
 D
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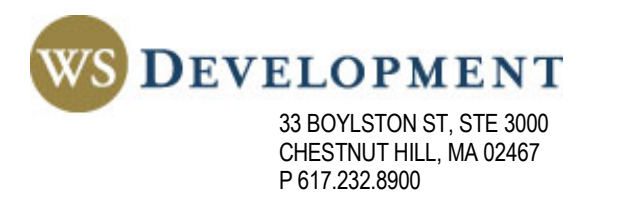
PROJECT INFORMATION

Hilldale Shopping
Center Phase 2

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HILLDALE



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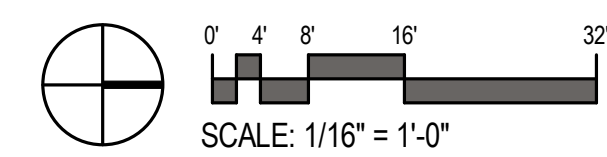
PROJECT MANAGER	CG
PROJECT NUMBER	716013
DATE	06/15/2016

EXISTING FIRST
FLOOR PLAN

A001



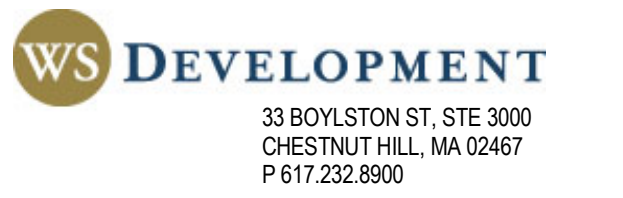
First Floor Existing



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Hilldale Shopping
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#	DATE	DESCRIPTION

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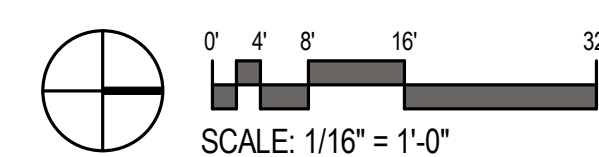
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FIRST FLOOR PLAN

A101



FIRST FLOOR





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GENERAL NOTE:
These building elevations represent a variety of materials, colors and textures that may be possible, but will be further developed as individual tenants are identified.
-Solid wall panel material between and above storefronts will vary from section to section
-Elevations and renderings in this submittal show metal panels (both aluminum composite and steel profiles), masonry, precast concrete, wood and painted PVC trim above and between tenant spaces
-Glazed storefront material will be thermally broken aluminum, painted or anodized, or wood, to complement overall tenant exterior design and signage
Individual building exterior designs, including final materials, signage, and awnings, shall be approved by City staff prior to issuing and building permit

PROJECT INFORMATION

Hilldale Shopping Center Phase 2

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WS DEVELOPMENT
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ISSUANCE AND REVISIONS

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KEY PLAN

B

SHEET INFORMATION

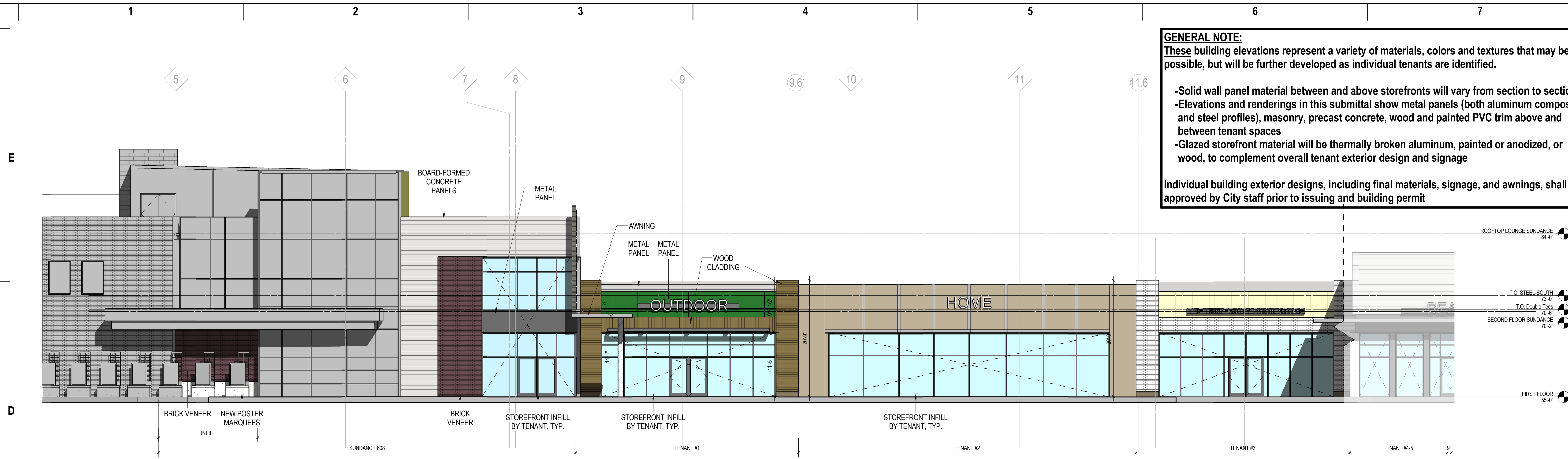
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PROJECT NUMBER 716013
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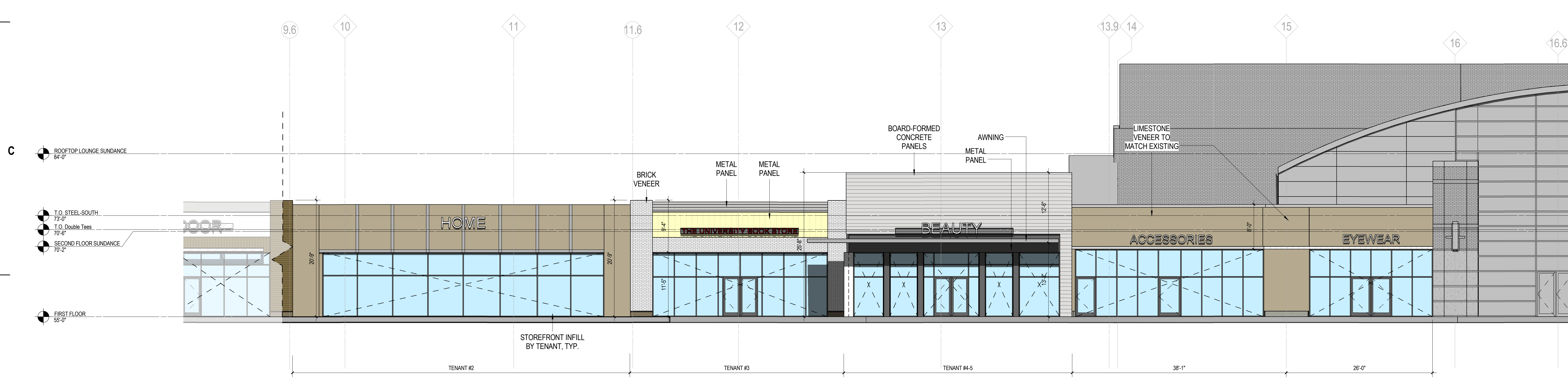
EXTERIOR ELEVATIONS

A200

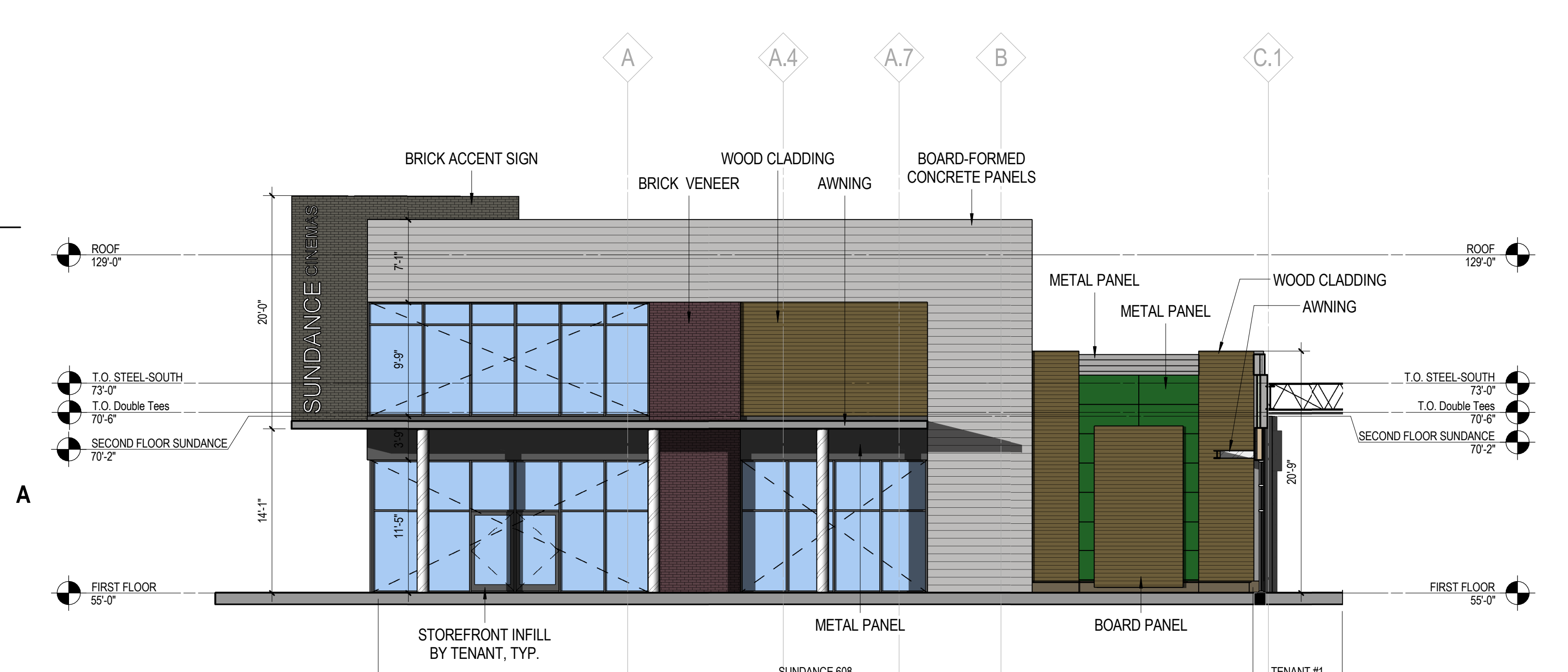
© Eppstein Uhen Architects, Inc.



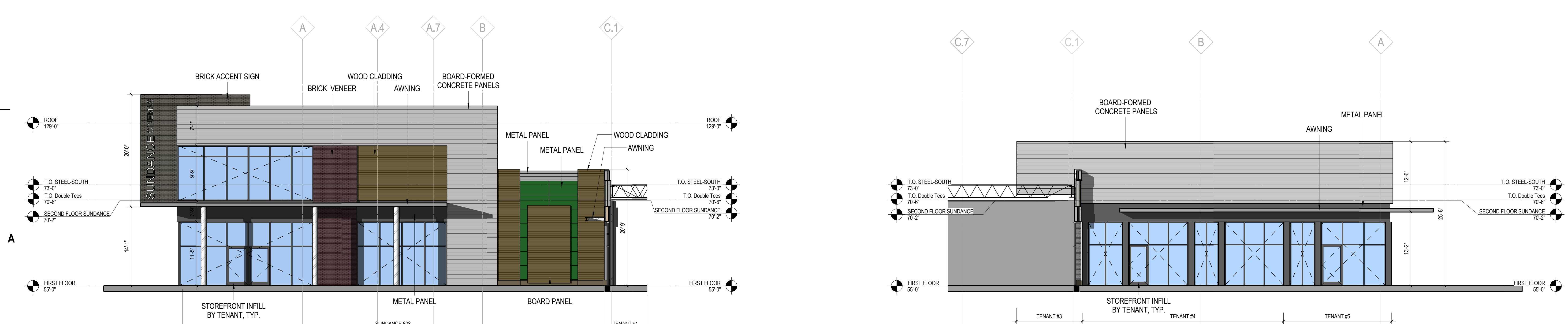
1 WEST ELEVATION
1/8" = 1'-0"



2 WEST ELEVATION, CONTINUED
1/8" = 1'-0"



3 SOUTH ELEVATION
1/8" = 1'-0"

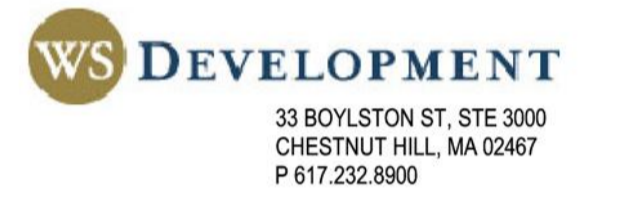


4 NORTH ELEVATION
1/8" = 1'-0"

PROJECT INFORMATION

Hilldale Shopping Center Phase 2

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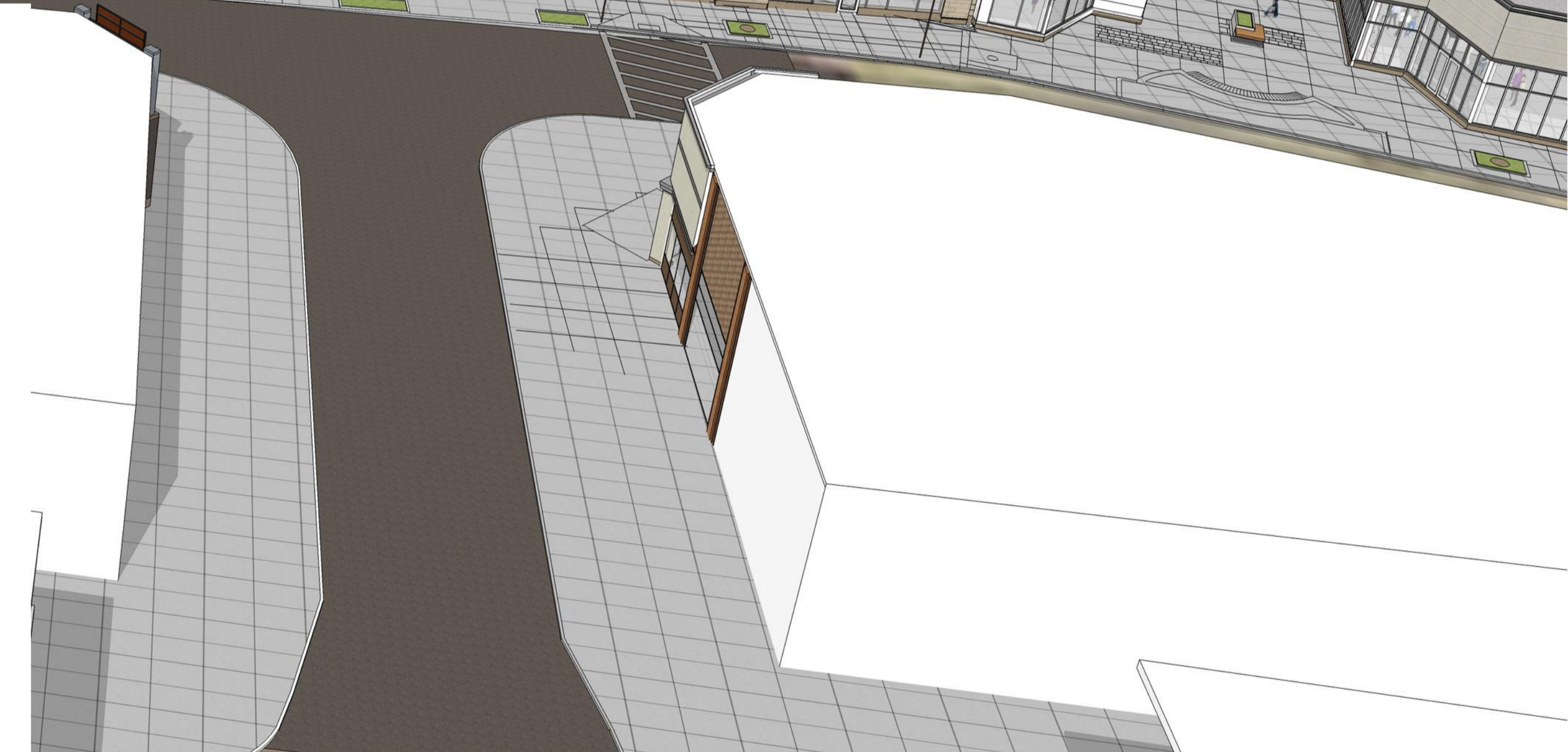
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PROJECT MANAGER	CG
PROJECT NUMBER	716013
DATE	06/15/2016

OVERALL
PERSPECTIVE
VIEW

A901



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E

PROJECT INFORMATION

Hilldale Shopping Center Phase 2

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D



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Submittal

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C

KEY PLAN

B

SHEET INFORMATION

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A

VIEW LOOKING
SOUTH

A902

© Eppstein Uhen Architects, Inc.

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PROJECT INFORMATION

Hilldale Shopping Center Phase 2

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PROJECT MANAGER	CG
PROJECT NUMBER	716013
DATE	06/15/2016

VIEW LOOKING WEST

A903

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PROJECT INFORMATION

Hilldale Shopping Center Phase 2

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D



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ISSUANCE AND REVISIONS

Combined Plan Commission,
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Submittal

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C

KEY PLAN

B

SHEET INFORMATION

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PROJECT MANAGER CG

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DATE 06/15/2016

A

VIEW LOOKING
SOUTHWEST

A904



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E



A

PROJECT INFORMATION

Hilldale Shopping Center Phase 2

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WS DEVELOPMENT
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P 617.232.8900

ISSUANCE AND REVISIONS

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Submittal

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PROJECT MANAGER CG

PROJECT NUMBER 716013

DATE 06/15/2016

VIEW LOOKING
NORTHWEST

A905

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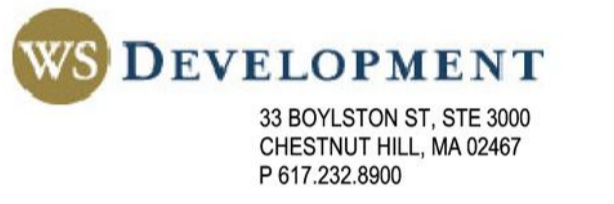
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PROJECT INFORMATION

Hilldale Shopping
Center Phase 2

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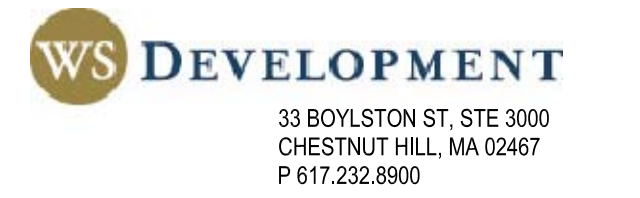
VIEW LOOKING
NORTH

A906

PROJECT INFORMATION

Hilldale Shopping
Center Phase 2

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Madison, WI 53705



ISSUANCE AND REVISIONS

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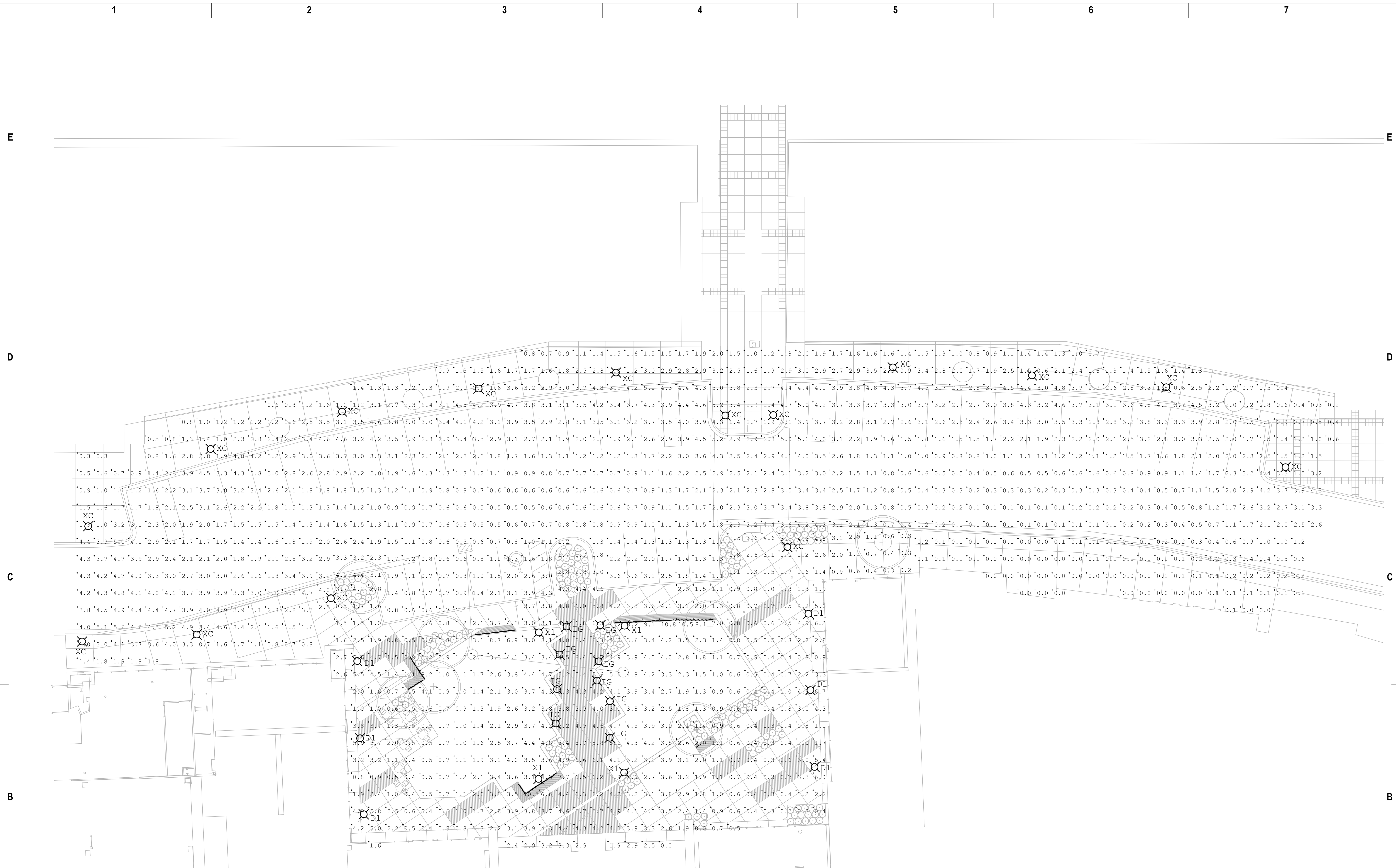
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PROJECT NUMBER 716013

DATE 06/15/2016

SITE -
PHOTOMETRICS

ES001



1 SITE - PHOTOMETRICS
SCALE: NTS

Symbol	Qty	Tag	Label	Description	Lum. Watts	Lum. Lumens	LLF
	15	XC	XC SACL-1-LG3700-R3-35	Selux Saturn Type 3 Distribution	66.99	4164	0.900
	6	D1	PD610ED01G- PDM6A830-61V	6 inch downlight	12.1	993	0.900
	4	X1	ARB-B3-LED-D1-T5-8030	Eaton Invue Arbor Type 5 Distribution	86	7108	0.900
	9	IG	FCD481-4K-120L	In Grade Single Window Pathlight	4	136	0.900
	63		iLight-Plexineon-White-1	Beneath Bench Light	2.59	53	0.900

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Drive and Sidewalk Across	illuminance	Fc	1.98	5.6	0.0	N.A.	N.A.
Plaza	illuminance	Fc	2.63	10.8	0.0	N.A.	N.A.

JDR
ENGINEERING, INC.
5525 NOBEL DRIVE
SUITE 110
MADISON, WI 53711
ph:608.277.1728 fax:608.271.7046
JDR Project No. 160974

TYPE D1

DESCRIPTION
Recessed 6-inch LED lens downlight is available in various distributions, lumen and CRI/CCT options. Suitable for commercial construction and can be used for both new or renovation work. Installation must be kept 3" from top and sides of housing. Use for general area lighting where high efficiency and visual comfort are required.

MECHANICAL FEATURES

Frame
Boat shaped galvanized steel frame with adjustable plaster lip accommodates ceilings up to 1/2" thick. May be used for new construction or remodeling installations. Provided with (2) remold clips to secure frame when installed from below the ceiling.

Mounting Brackets
Bar hanger receivers adjust 2" vertically from above the ceiling or three the aperture. Use with No Fuses™ bar hangers or with 1/2" EMT. Removable to facilitate installation from below the ceiling and TM-21-11.

No Fuses™ Bar Hangers
No fuses™ bar hangers allow locks to tie grid with a screwdriver or pliers. Centering mechanism allows consistent positioning of fixtures.

OPTICAL LED Module
Proximity phosphors over chip on board LEDs provide a uniform source with high efficiency and no flicker. Available in 80 or 90 CRI minimum, accuracy within 3SDCM provides color uniformity.

Emergency Option
See ordering information for available CRI / CCT options. Sensitive thermal management achieves L70 at 50,000 hours in non IC applications. Integral diffuser lens provides visual shielding. Integral connector allows quick connection to housing flex.

Reflector
One piece parabolic aluminum reflector provides cutoff for a visually comfortable optic. Attaches to LED module with (3) speed clamps minimizing light leaks to lens. Self-flanged standard with an optional white painted flange.

Trim Retention
Reflectors are retained with two torsion springs holding the flange tightly to the finished ceiling surface.

ELECTRICAL Junction Box
(6) 1/2" and (2) 3/4" trade size pry outs positioned to allow straight conduit runs. Listed for (12) #12 AWG (in. six out) 90°C conductors and feed thru branch wiring.

Driver
Integral UNV 120V - 277V 50/60 Hz constant current driver provides fine dimming from 100% to 10% with leading or trailing edge phase out at 120V or 0-10V analog control.

Emergency Option
Provides 90 minutes of standby lighting meeting most life safety codes for egress lighting. Available with both integral or remote charge indicator and test switch.

Compliance
- cULus listed for wet location
- IP68 Ingress Protection Rated
- Insulation must be kept 3" from top and sides.
- A-List per ASTM-E283.
- Optional City of Chicago environmental air (CEEA) marking for plenum applications.
- EMI/RFI emissions per FCC 47CFR Part 18 non-consumer limits.
- Contains no mercury or lead and RoHS compliant.
- Photometric testing in accordance with IES LM-79-08 and TM-21-11.
- Can be used to comply with California Title 24 Non-Residential Lighting Controls requirements as a LED Luminaire.

ENERGY STAR® listed for commercial applications. See reference database for current listings.

1000, 1500, 2000 & 3000 Lumen Series

LED 6-Inch Aperture Lens Downlight

THD: < 20%
PF: > 0.90
Temp: Ambient -30 ~ +40°C
Sound Rating: < 22dba

Lumens	1000 Series	Lumens	1500 Series	Lumens	2000 Series	Lumens	3000 Series
Input Voltage	120V 277V	Input Voltage	120V 277V	Input Voltage	120V 277V	Input Voltage	120V 277V
Input Current	1.02A .808A	Input Current	1.46A 1.1A	Input Current	1.95A 1.58A	Input Current	2.99A 2.44A
Input Power	121.2W 113.2W	Input Power	171.1W 117.9W	Input Power	20.78W 21.06W	Input Power	35.72W 36.4W
Efficiency	88 LPW 89 LPW	Efficiency	87 LPW 87 LPW	Efficiency	89 LPW 89 LPW	Efficiency	82 LPW 82 LPW
Inrush Current	.048A .080A	Inrush Current	1.920A 0.960A				



Halo Commercial

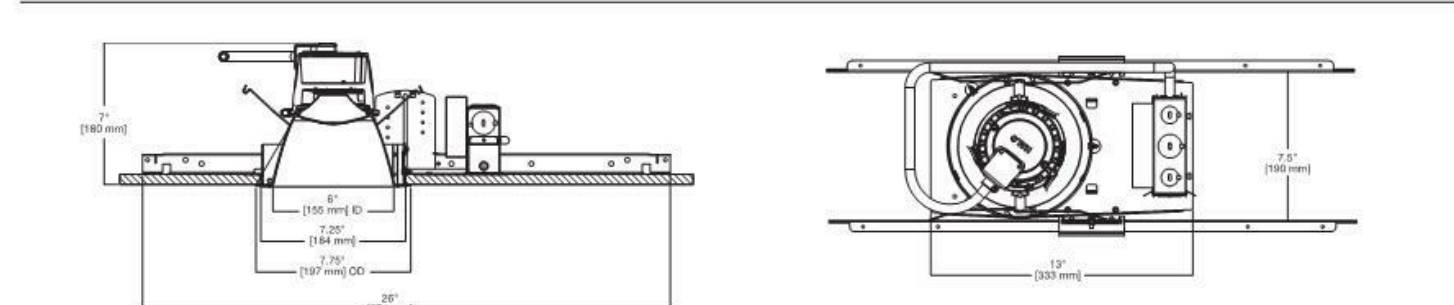
ORDERING INFORMATION

SAMPLE NUMBER: FCD481-120V-LED-4K-240-SL-F-PVC
A complete luminaire consists of a housing, LED module and reflector, order separately.

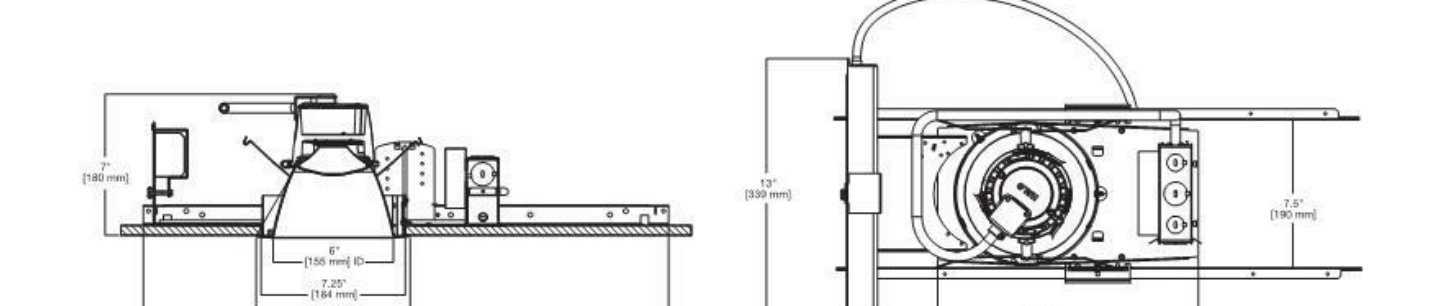
Housing	Lumens	Driver	Options	LED Module	CRI/CCT
PDB - 6" aperture LED downlight PD630 - 6" aperture LED downlight downlight. CEEA listed for City of Chicago, plenum requirements.	10 = 1000 lumens (nominal) 15 = 1500 lumens (nominal) 20 = 2000 lumens (nominal) 30 = 3000 lumens (nominal)	ED09 = 120-277V 50/60Hz, 0-10V dimming LED/TE phase out dimming	REM = Emergency operation with remote indicator and test switch EM = Emergency operation with integral indicator and test switch, 60 for only PEM and EMT does not available with PD630 housing	PDMA = Downlight LED module for F50, housing, provides 1,000, 1,500, 2,000, or 3,000 lumens (nominal) PD60 = 80 CRI, 5000K CCT PD62 = 80 CRI, 5000K CCT PD64 = 80 CRI, 4000K CCT	87 = 80 CRI, 2700K CCT 92 = 90 CRI, 2700K CCT 83 = 80 CRI, 3000K CCT 85 = 80 CRI, 3000K CCT 86 = 80 CRI, 3000K CCT 88 = 80 CRI, 3000K CCT 89 = 80 CRI, 4000K CCT

Reflector	Finish Option	Flange Option	Accessories
6V = 6" vertical parabolic reflector 6VEM = 6" vertical parabolic reflector for EMT for City of Chicago, plenum requirements	C = Specular clear D = Specular clear & UV W = White (white flange) WB = White (white flange)	Blank = Pushed flange standard with C, D, & W W = White flange WB = White flange EM = EMT reflector finish	H5235PK = 1/2" universal hanger bar, 20" H5232 = 27" universal hanger bar, 20" H5231 = 36" universal hanger bar, 20" H5230 = 45" universal hanger bar, 20" H5229 = 54" universal hanger bar, 20" H5228 = 63" universal hanger bar, 20" H5227 = 72" universal hanger bar, 20" H5226 = 81" universal hanger bar, 20" H5225 = 90" universal hanger bar, 20" H5224 = 99" universal hanger bar, 20" H5223 = 108" universal hanger bar, 20" H5222 = 117" universal hanger bar, 20" H5221 = 126" universal hanger bar, 20" H5220 = 135" universal hanger bar, 20" H5219 = 144" universal hanger bar, 20" H5218 = 153" universal hanger bar, 20" H5217 = 162" universal hanger bar, 20" H5216 = 171" universal hanger bar, 20" H5215 = 180" universal hanger bar, 20" H5214 = 189" universal hanger bar, 20" H5213 = 198" universal hanger bar, 20" H5212 = 207" universal hanger bar, 20" H5211 = 216" universal hanger bar, 20" H5210 = 225" universal hanger bar, 20" H5209 = 234" universal hanger bar, 20" H5208 = 243" universal hanger bar, 20" H5207 = 252" universal hanger bar, 20" H5206 = 261" universal hanger bar, 20" H5205 = 270" universal hanger bar, 20" H5204 = 279" universal hanger bar, 20" H5203 = 288" universal hanger bar, 20" H5202 = 297" universal hanger bar, 20" H5201 = 306" universal hanger bar, 20"

DIMENSIONS



ACCESSORIES - PVC Housing



DIMENSIONS



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ORDERING INFORMATION

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DIMENSIONS

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SAMPLE NUMBER: FCD481-120V-LED-4K-24