

SURFACE AREA TAKEOFF SUMMARY:
SUBJECT PROPERTY AREA = 117,428 SF
PROPOSED SITE DISTURBANCE = 98,663 SF

PROPOSED IMPROVEMENTS:

PERMEABLE PAVERS = 50,699 SF
CONCRETE PAVEMENT = 4,321 SF
LANDSCAPING = 43,643 SF

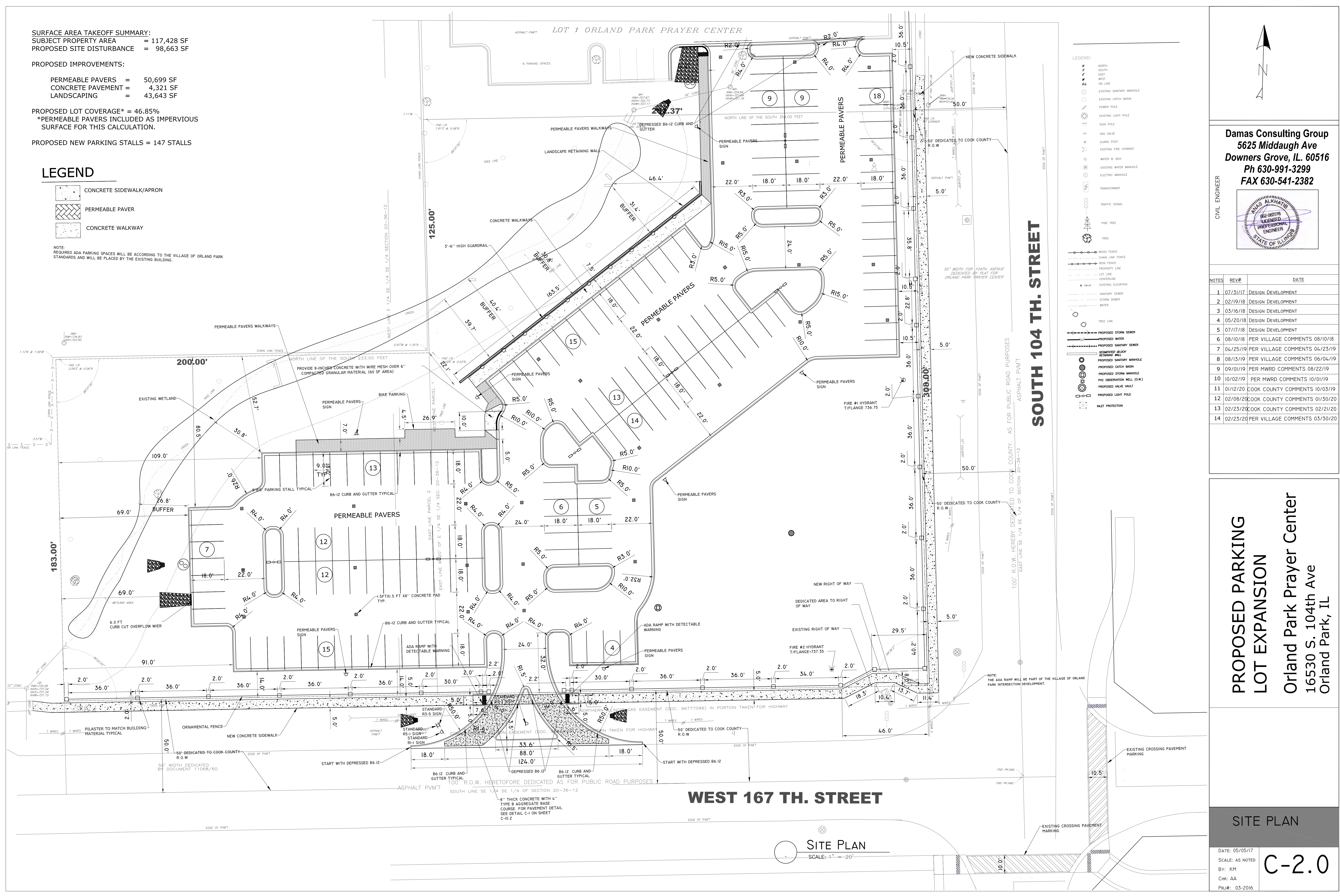
PROPOSED LOT COVERAGE* = 46.85%
*PERMEABLE PAVERS INCLUDED AS IMPERVIOUS SURFACE FOR THIS CALCULATION.

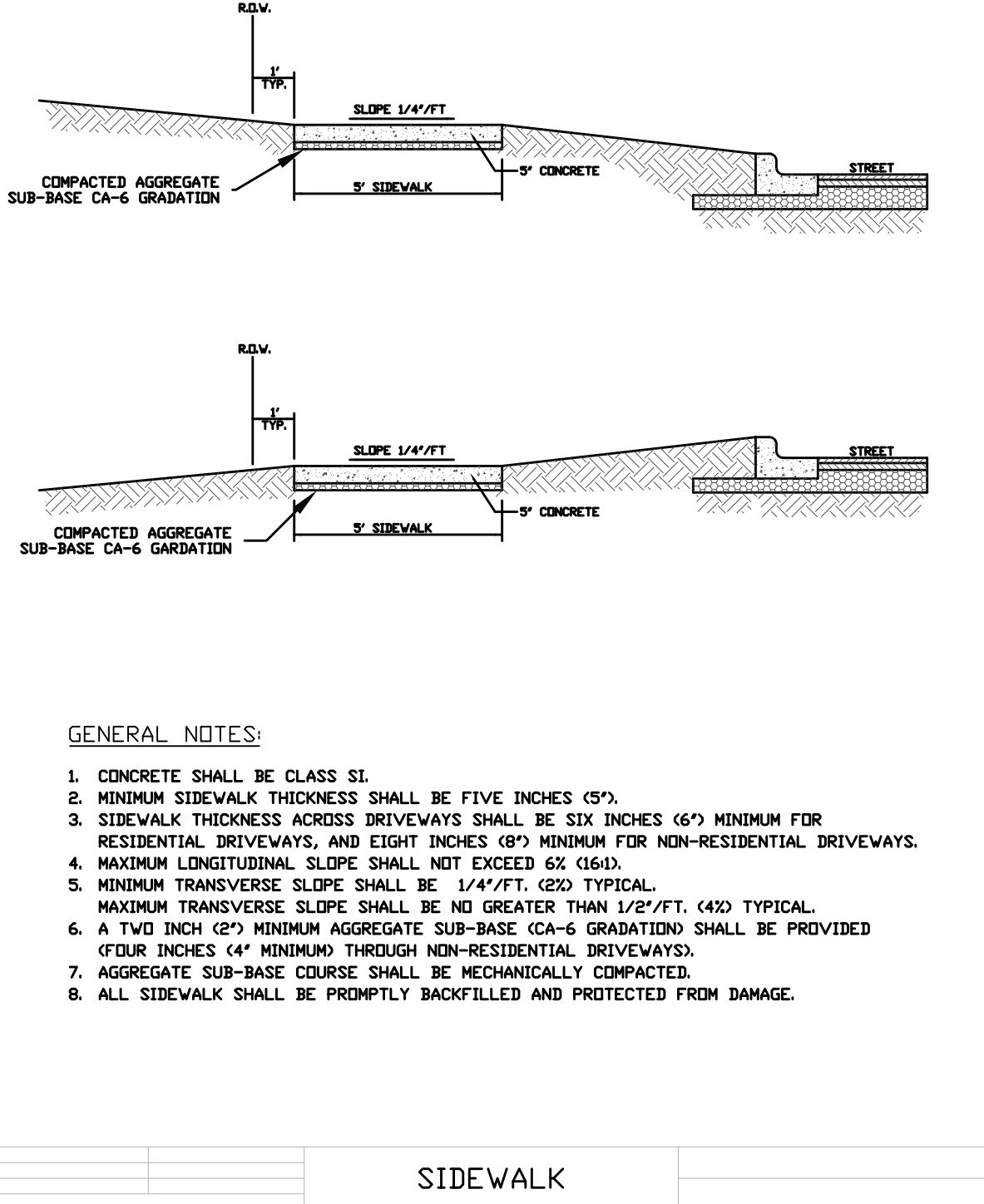
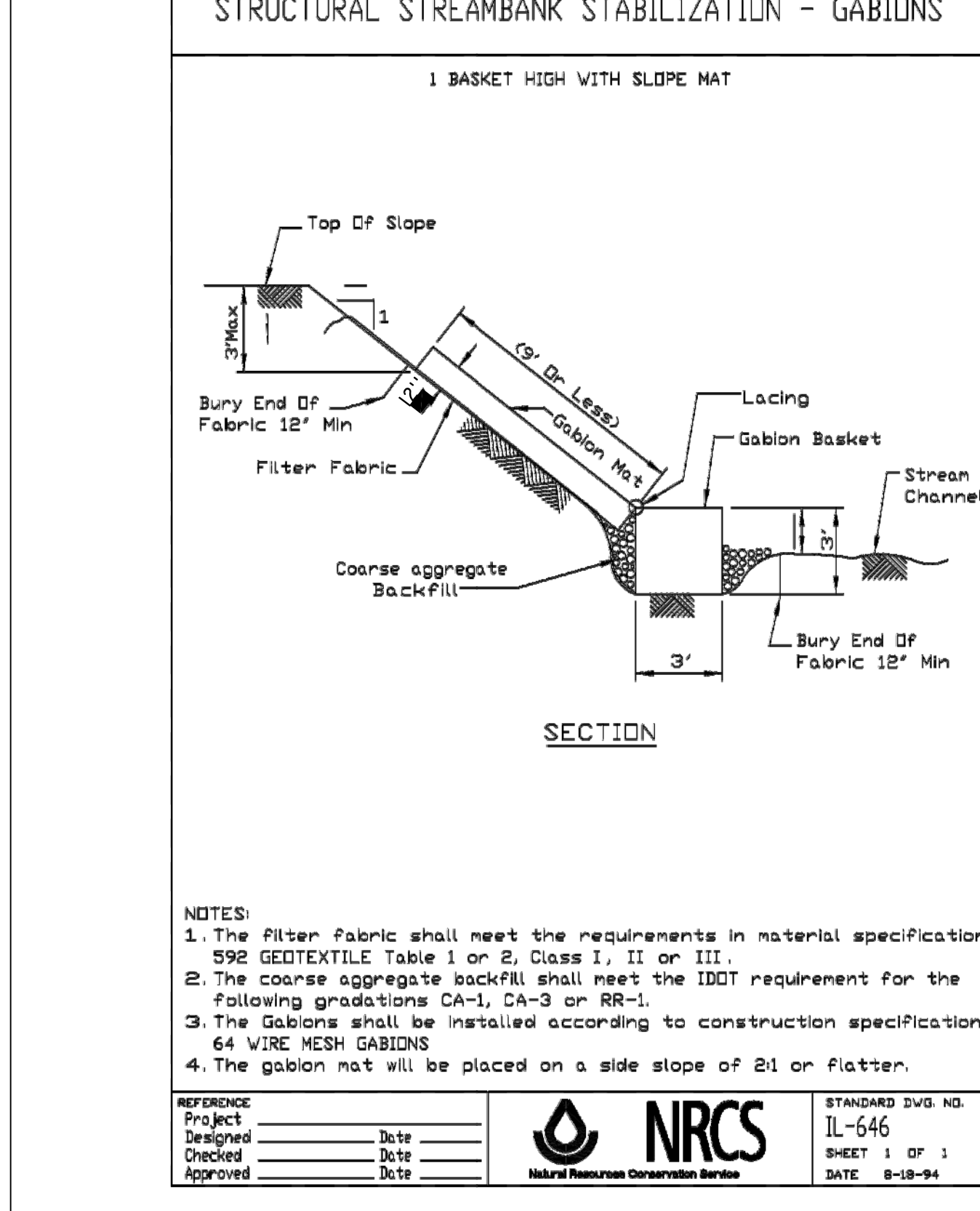
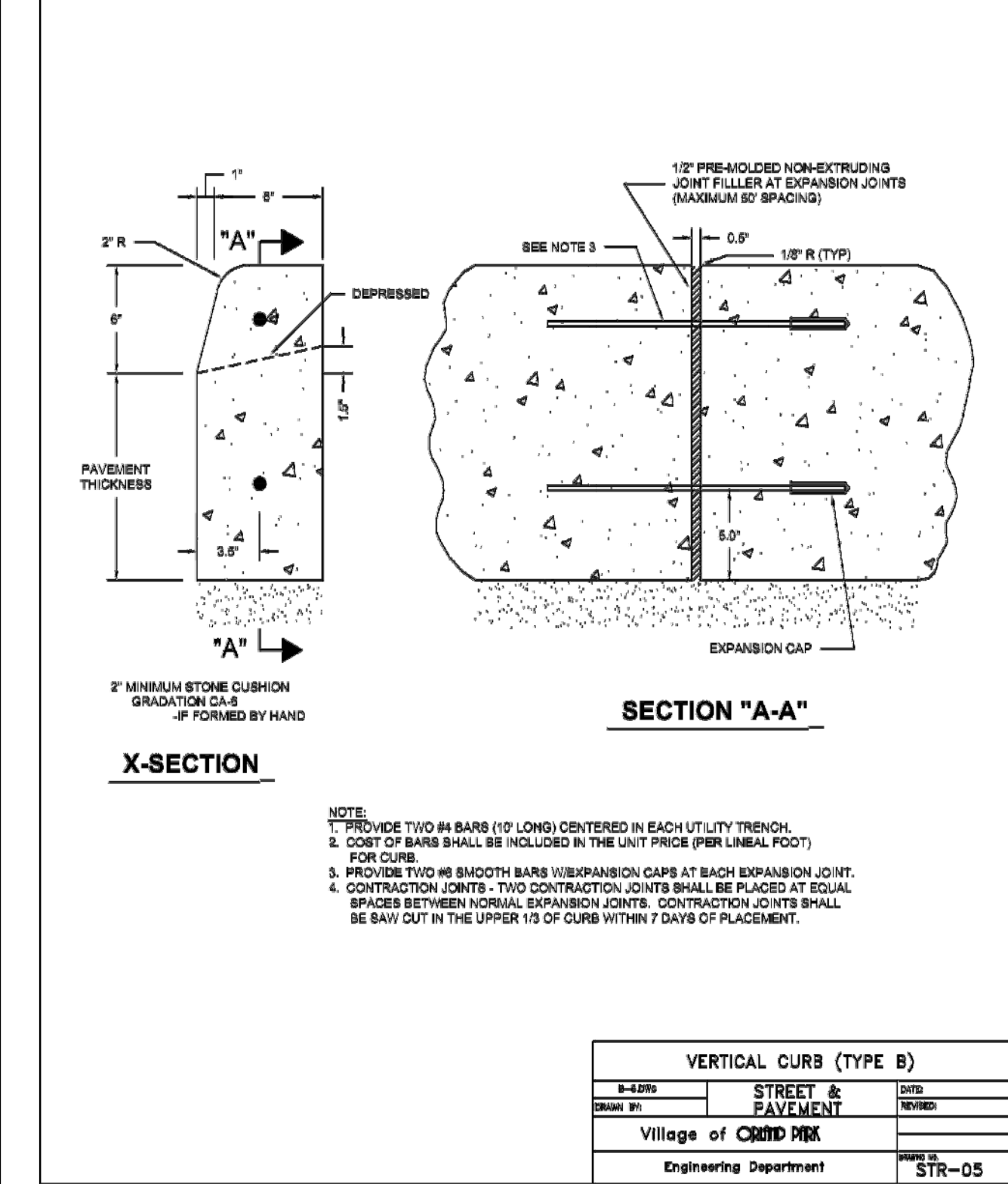
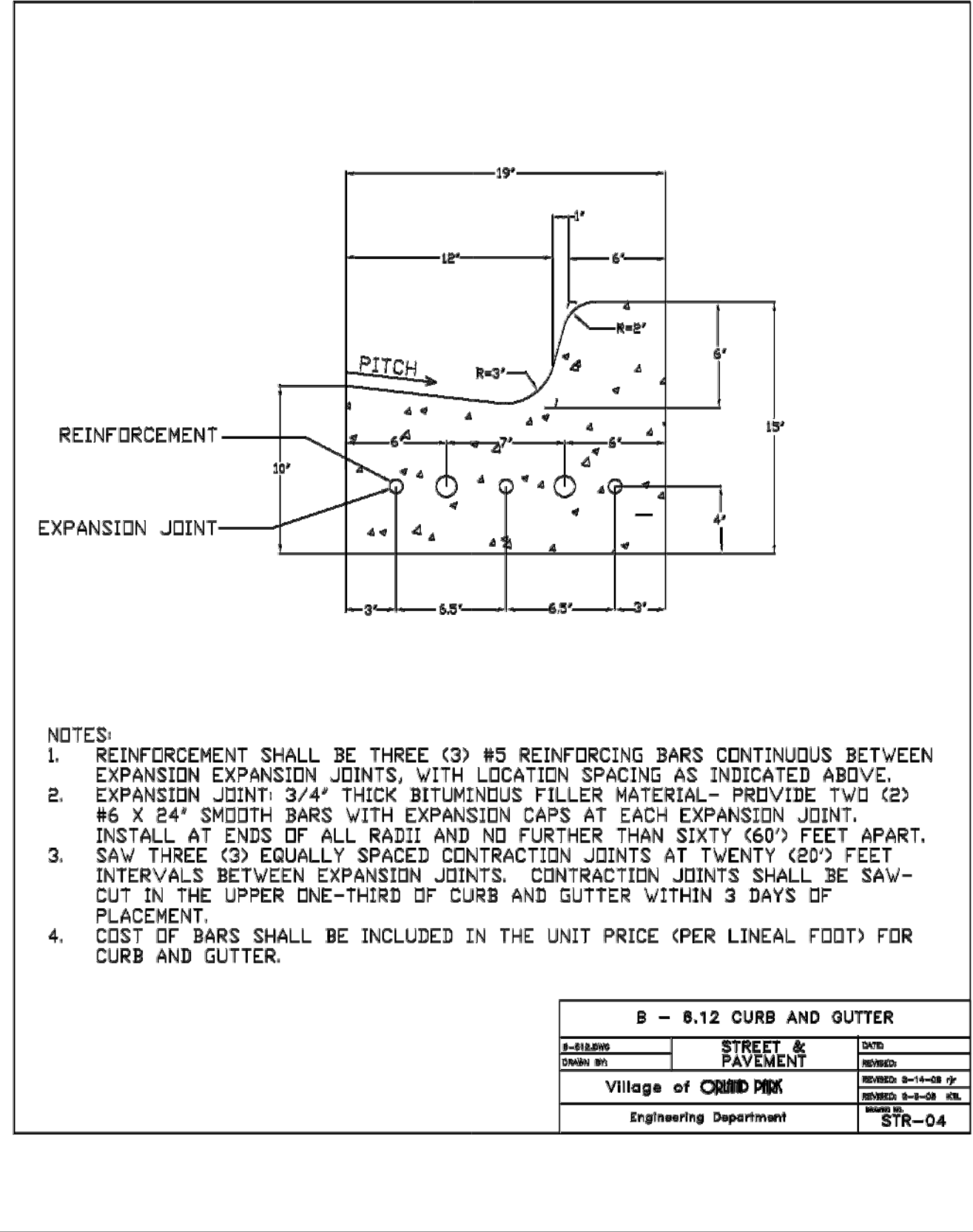
PROPOSED NEW PARKING STALLS = 147 STALLS

LEGEND

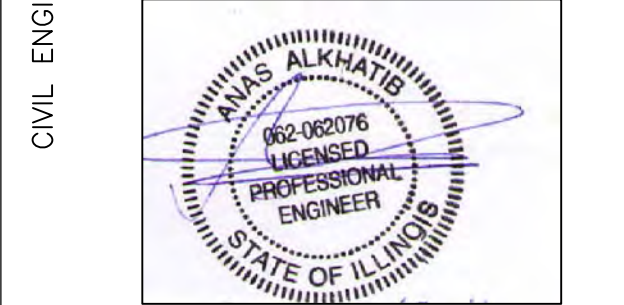
- CONCRETE SIDEWALK/APRON
PERMEABLE PAVER
CONCRETE WALKWAY

NOTE: REQUIRED ADA PARKING SPACES WILL BE ACCORDING TO THE VILLAGE OF ORLAND PARK STANDARDS AND WILL BE PLACED BY THE EXISTING BUILDING.

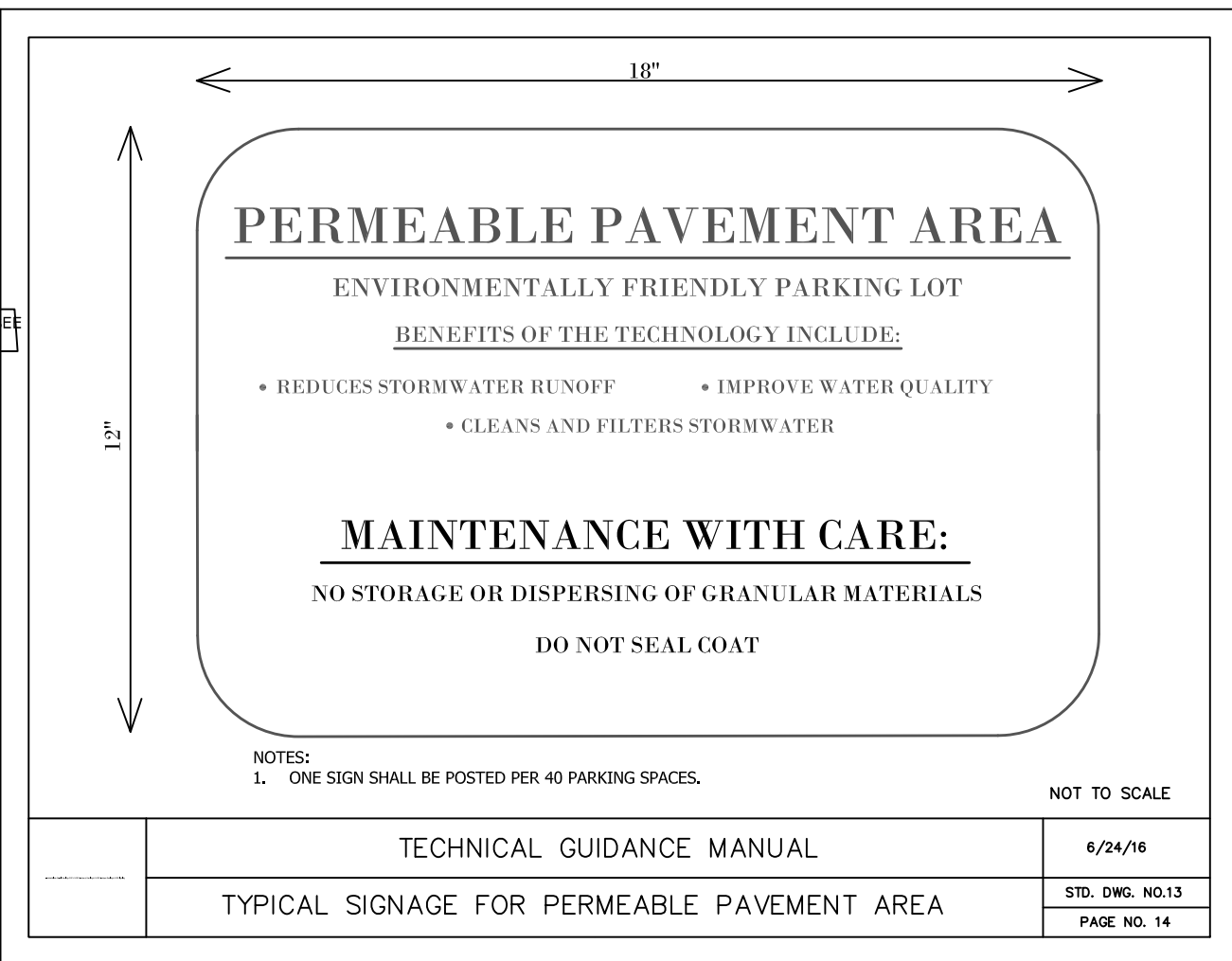
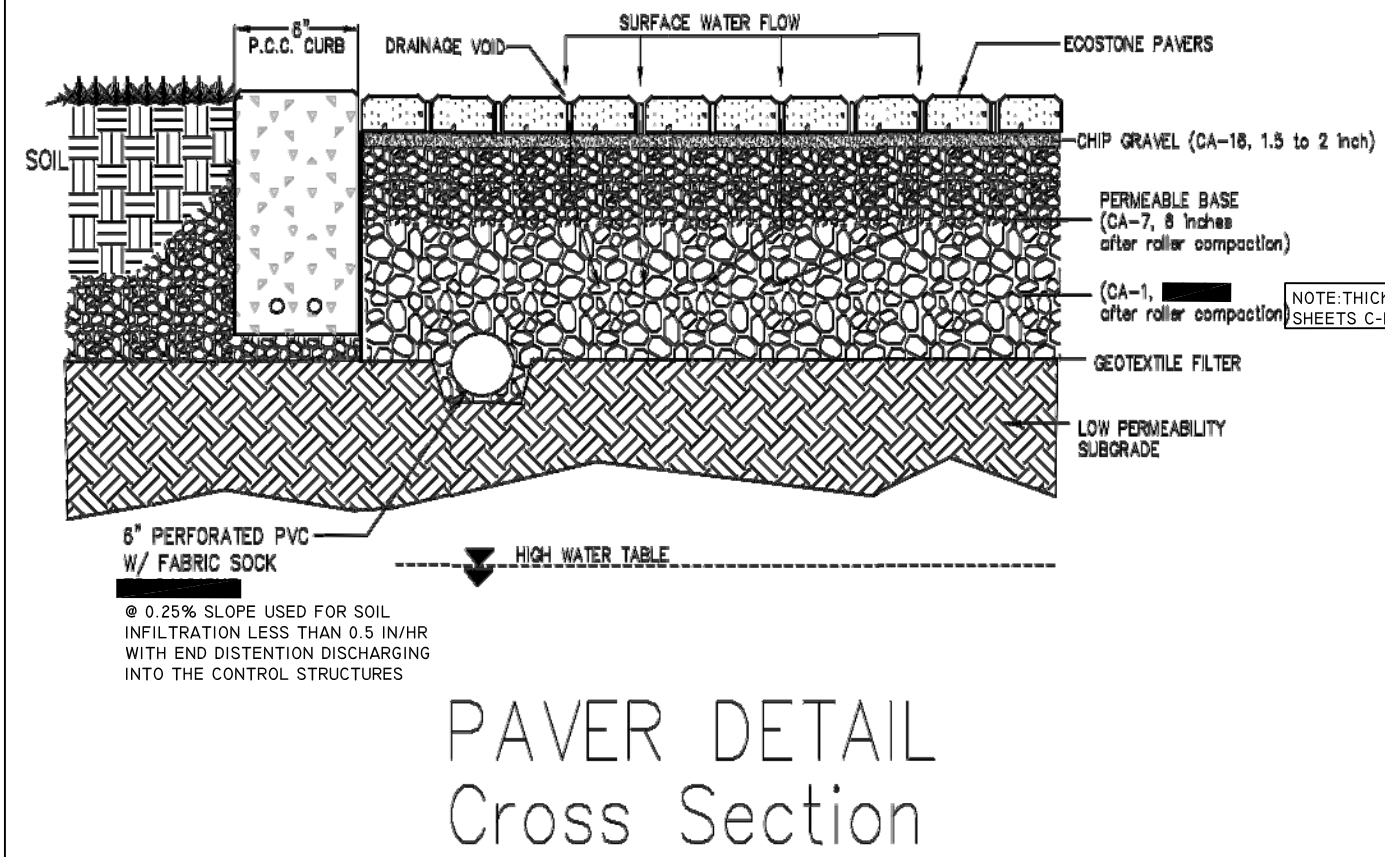
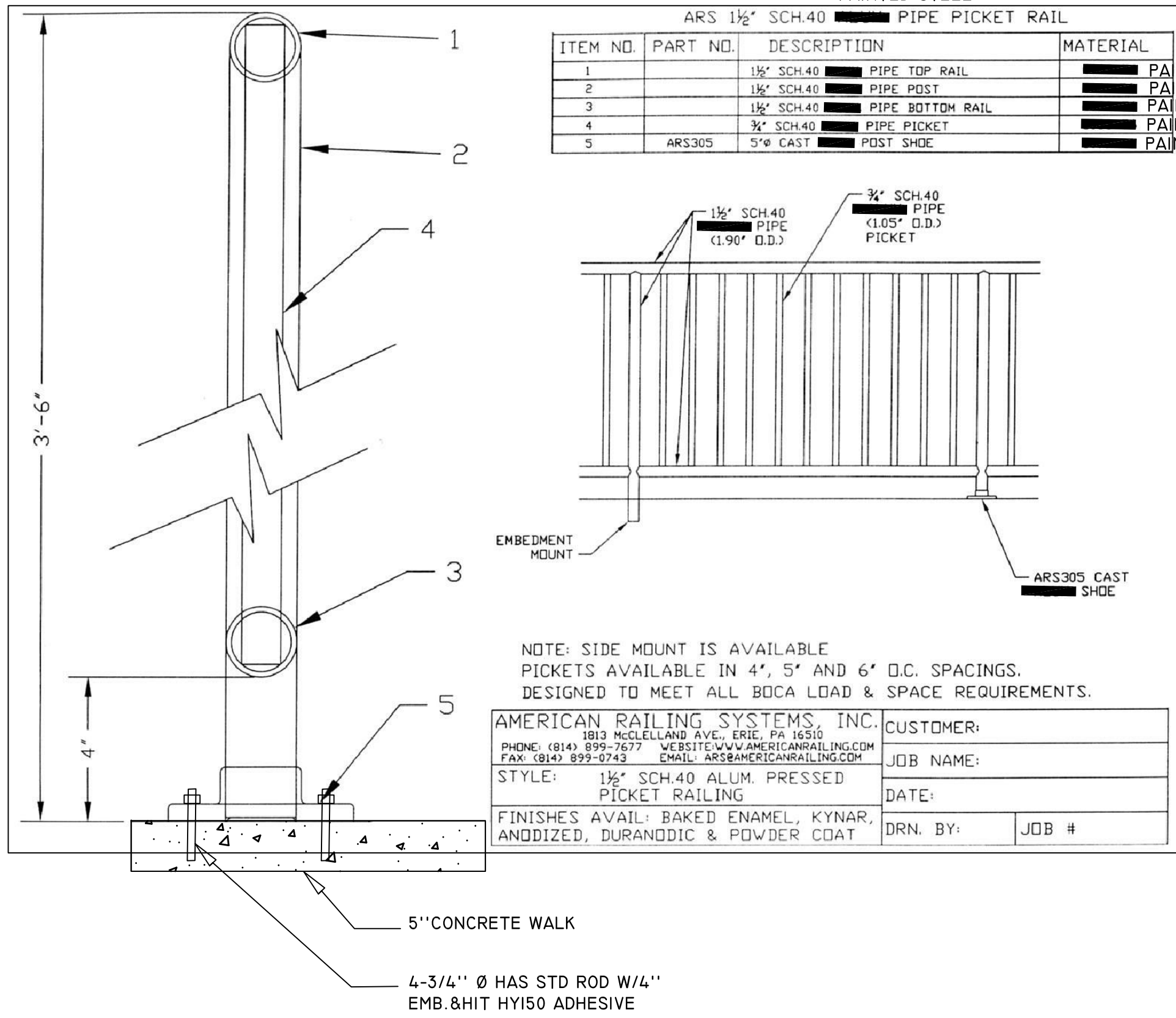
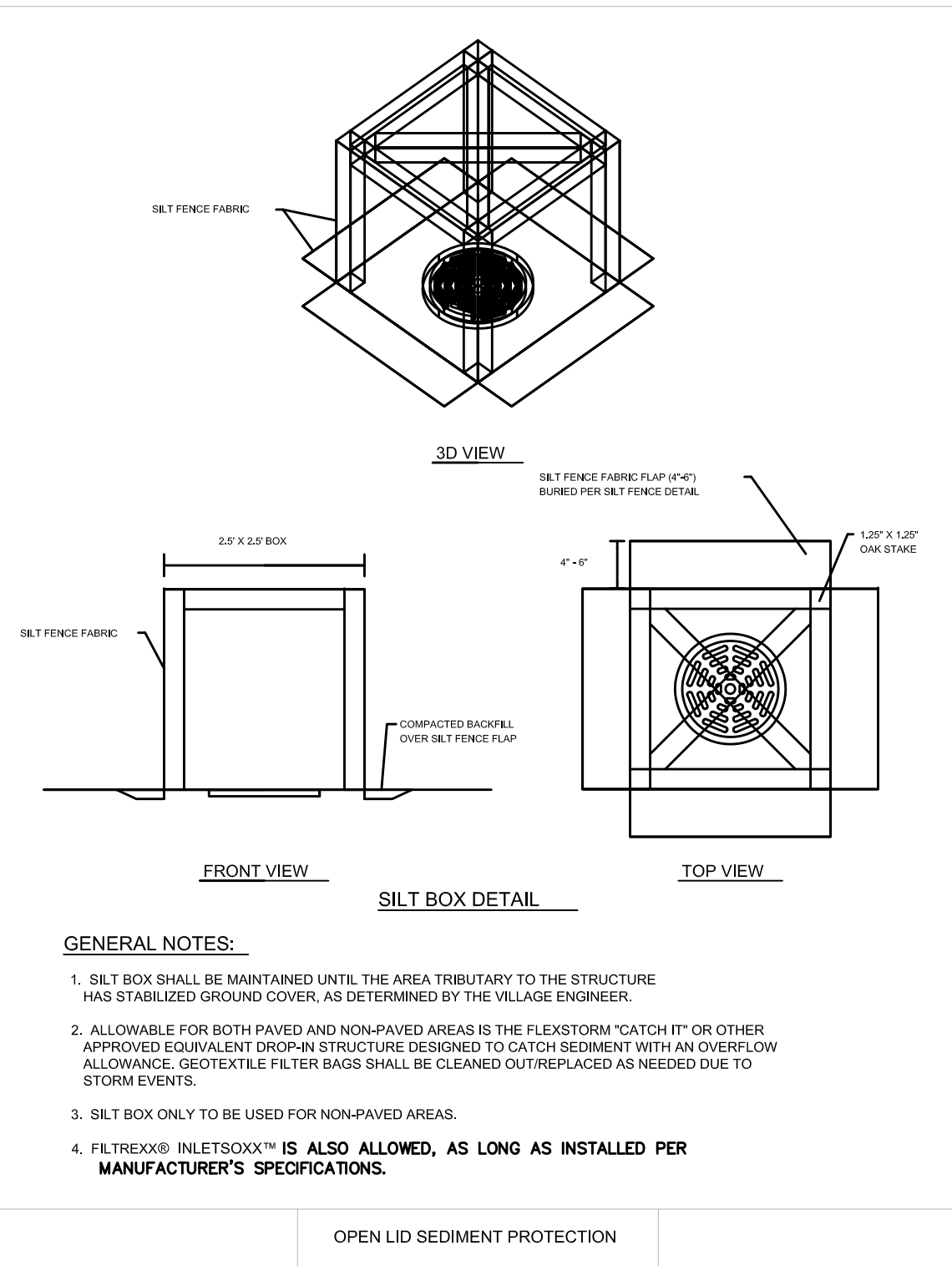
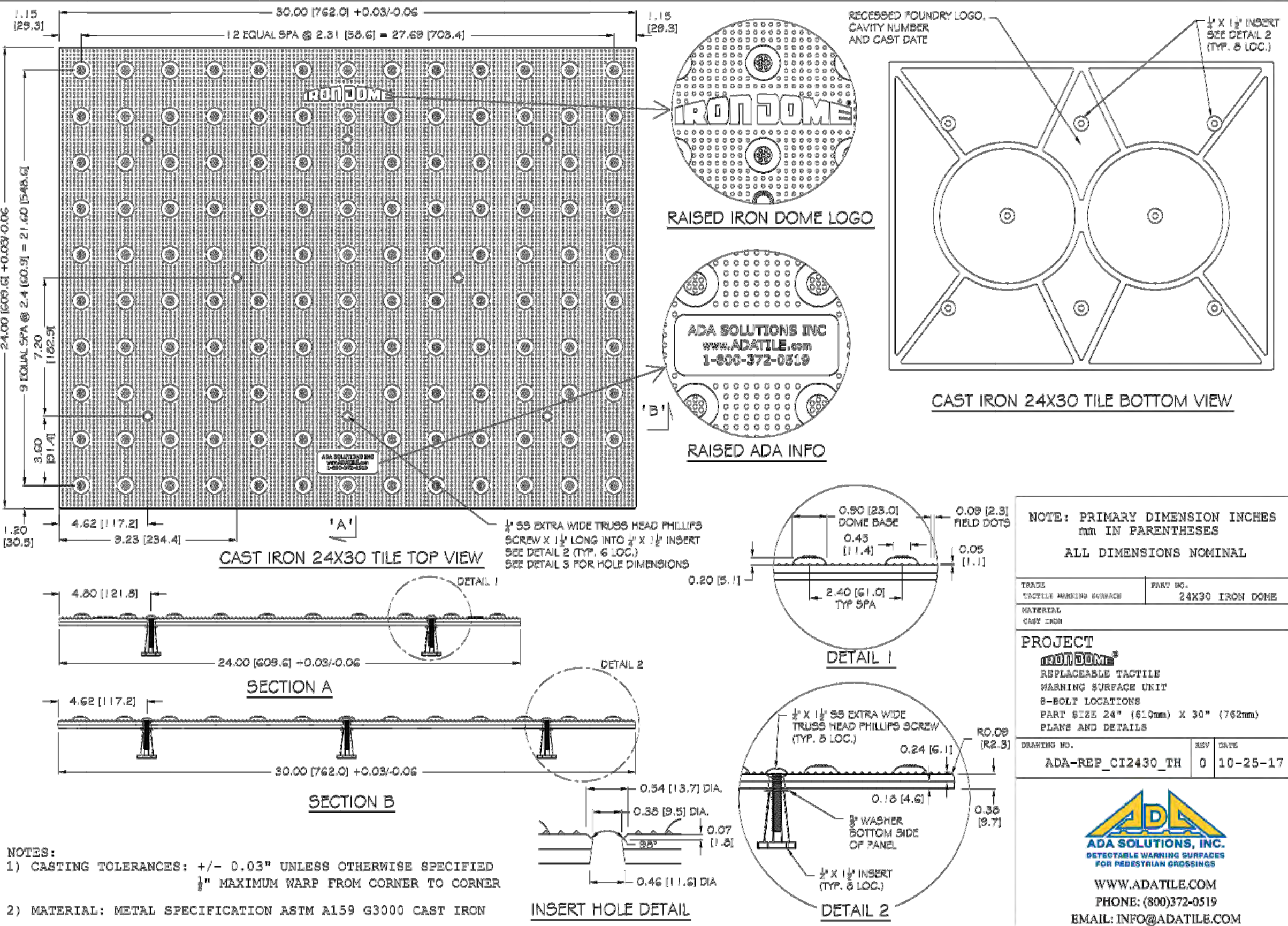




Damas Consulting Group
5625 Middaugh Ave
Downers Grove, IL. 60516
Ph 630-991-3299
FAX 630-541-2382



NOTES	REV#	DATE
1	07/31/17	DESIGN DEVELOPMENT
2	02/19/18	DESIGN DEVELOPMENT
3	03/16/18	DESIGN DEVELOPMENT
4	05/20/18	DESIGN DEVELOPMENT
5	07/17/18	DESIGN DEVELOPMENT
6	08/10/18	PER VILLAGE COMMENTS 08/10/18
7	04/25/19	PER VILLAGE COMMENTS 04/23/19
8	08/13/19	PER VILLAGE COMMENTS 06/04/19
9	09/01/19	PER MWRD COMMENTS 08/22/19
10	10/02/19	PER MWRD COMMENTS 10/01/19
11	01/12/20	PER VILLAGE COMMENTS 10/03/19
12	02/08/20	COOK COUNTY COMMENTS 01/30/20
13	02/23/20	COOK COUNTY COMMENTS 02/21/20
14	02/23/20	PER VILLAGE COMMENTS 03/30/20

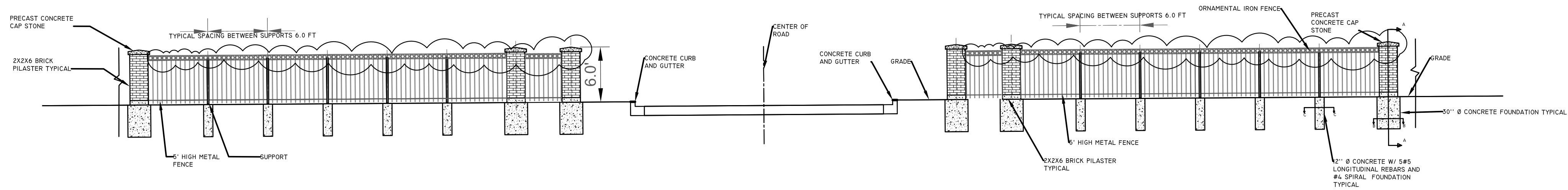


PROPOSED PARKING
LOT EXPANSION
Orland Park Prayer Center
16530 S. 104th Ave
Orland Park, IL

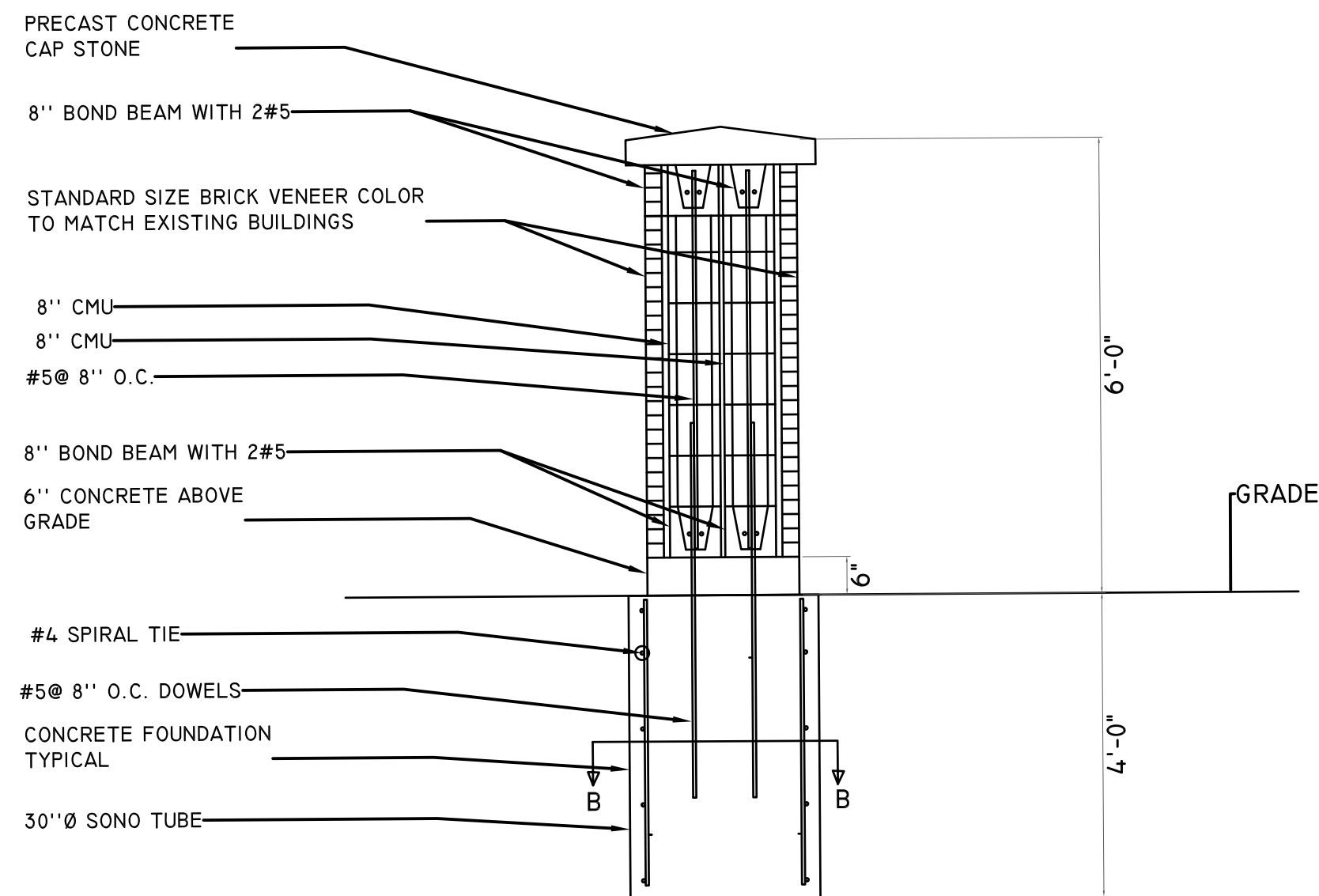
CONSTRUCTION DETAILS-I

DATE: 05/05/17
SCALE: AS NOTED
By: KM
CHK: AA
PRJ#: 03-2016

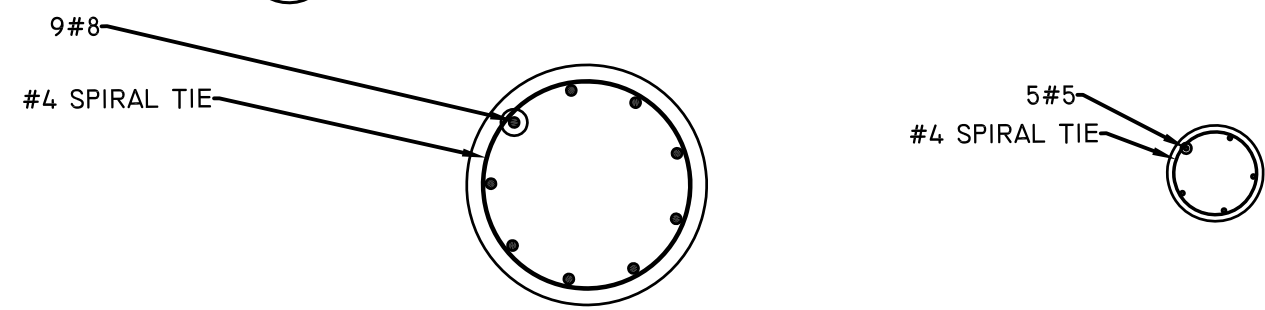
C-5.0



FENCE TYPICAL PARTIAL ELEVATION
SCALE: 1 1/2" = 1'



FENCE TYPICAL SECTION A-A
SCALE: 1 1/2" = 1'

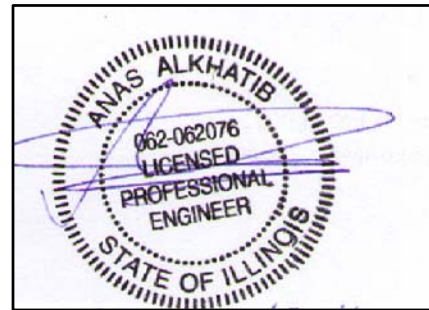


TYPICAL SECTION B-B
SCALE: 1 1/2" = 1'

TYPICAL SECTION C-C
SCALE: 1 1/2" = 1'

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Downers Grove, IL. 60516
Ph 630-991-3299
FAX 630-541-2382

CIVIL ENGINEER



NOTES	REV#	DATE
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3	03/16/18	DESIGN DEVELOPMENT
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12	02/08/20	COOK COUNTY COMMENTS 01/30/20
13	02/23/20	COOK COUNTY COMMENTS 02/21/20
14	02/23/20	PER VILLAGE COMMENTS 03/30/20
15	08/19/20	REVISED GUARD RAIL
16	08/21/20	REVISED ORNAMENTAL FENCE

**PROPOSED PARKING
LOT EXPANSION**
Orland Park Prayer Center
16530 S. 104th Ave
Orland Park, IL

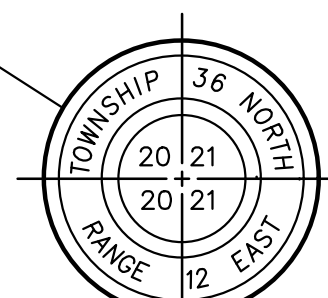
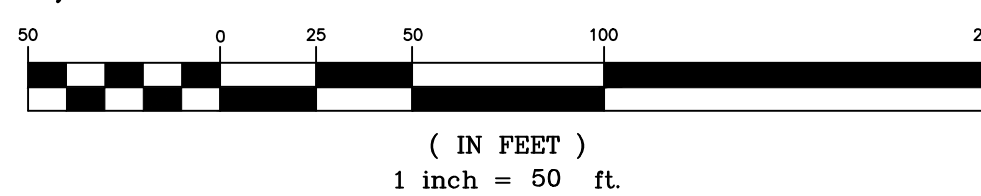
ORNAMENTAL FENCE DETAILS

DATE: 05/05/17
SCALE: AS NOTED
BY: KM
CHK: AA
PRJ#: 03-2016

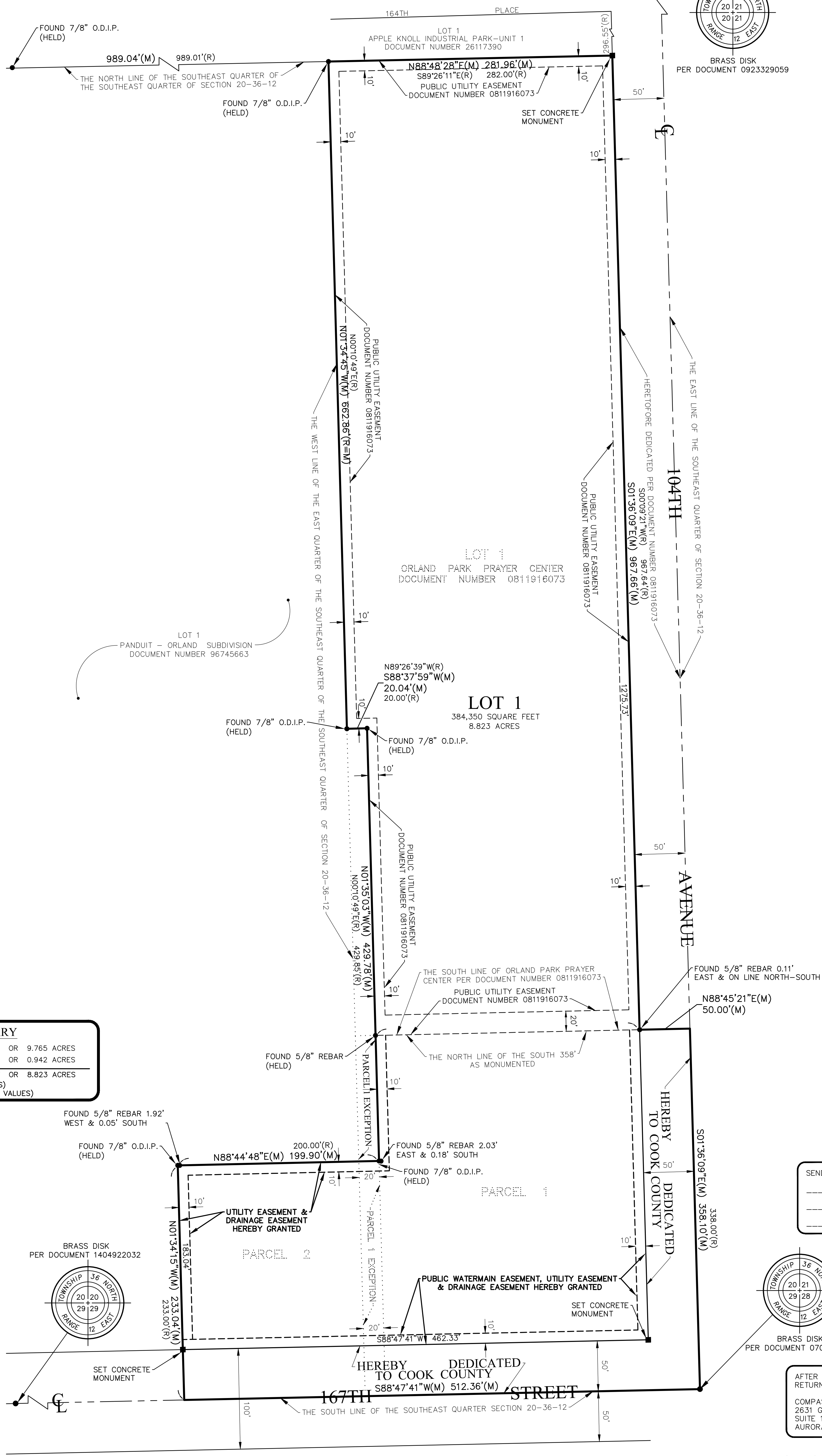
C-14.0

P.I.N. 27-20-403-011
P.I.N. 27-20-403-013
P.I.N. 27-20-403-015
P.I.N. 27-20-403-016

GRAPHIC SCALE



BRASS DISK
PER DOCUMENT 0923329059

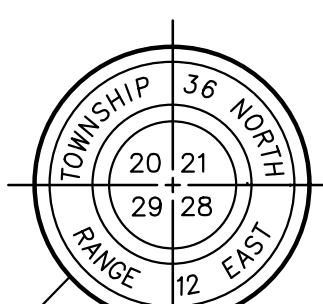
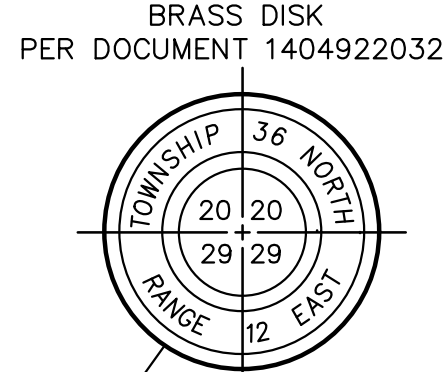


GRASS	425,372 SQUARE FEET	OR	9.765 ACRES
R.O.W. DEDICATION	41,022 SQUARE FEET	OR	0.942 ACRES
NET AREA	384,350 SQUARE FEET	OR	8.823 ACRES
	(TO HEAVY LINES)		
	(BASED ON MEASURED VALUES)		

- SET 7/8" O.D.I.P.
UNLESS OTHERWISE NOTED
- SET CONCRETE MONUMENT
UNLESS OTHERWISE NOTED
- + SET CROSS IN CONCRETE
UNLESS OTHERWISE NOTED

————— SUBDIVISION BOUNDARY LINE
 ————— ADJACENT LAND PARCEL LINE
 ————— LOT LINE
 - - - - - EASEMENT LINE
 - - - - - CENTERLINE
 - - - - - BUILDING SETBACK LINE
 - - - - - SECTION LINE

O.D.I.P. = OUTSIDE DIAMETER IRON PIPE
(R) = RECORD BEARING OR DISTANCE
(M) = MEASURED BEARING OR DISTANCE
(C) = CALCULATED BEARING OR DISTANCE
(D) = DEED BEARING OR DISTANCE
B.S.L. = BUILDING SETBACK LINE
U.E. = UTILITY EASEMENT
D.E. = DRAINAGE EASEMENT
P.U.E. = PUBLIC UTILITY EASEMENT
P.O.C. = POINT OF COMMENCEMENT
P.O.B. = POINT OF BEGINNING
U. & D.E. = UTILITY AND DRAINAGE
EASEMENT



SEND TAX BILL TO:

AFTER RECORDING
RETURN TO:

COMPASS SURVEYING LTD.
2631 GINGER WOODS PARKWAY
SUITE 100
AURORA, IL 60502

G:\PSDATA\2018PROJECTS\18.0043\18.0043SUBPLAT.DWG

FINAL PLAT OF SUBDIVISION
ORLAND PARK PRAYER CENTER
SUBDIVISION NO. 2

IN THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 20, TOWNSHIP 36 NORTH,
RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, ILLINOIS

OWNER'S CERTIFICATE

STATE OF _____) SS
COUNTY OF _____)

THIS IS TO CERTIFY THAT _____, AS TRUSTEE UNDER TRUST AGREEMENT NO. _____, DATED _____, AND NOT PERSONALLY, IS THE OWNER OF PROPERTY DESCRIBED ON THE ATTACHED PLAT, AND HAS CAUSED THE SAME TO BE SURVEYED AND SUBDIVIDED AS INDICATED THEREON, FOR THE USES AND PURPOSES THEREIN SET FORTH, AND DOES HEREBY ACKNOWLEDGE AND ADOPT THE SAME UNDER THE STYLE AND TITLE THEREON INDICATED.

ALSO, THIS IS TO CERTIFY THAT THE PROPERTY BEING SUBDIVIDED AFORESAID AND, TO THE BEST OF OWNER'S KNOWLEDGE AND BELIEF, SAID SUBDIVISION LIES ENTIRELY WITHIN THE LIMITS OF SCHOOL DISTRICT(S) _____

DATED AT _____, THIS _____ DAY
OF _____ A.D., 20 _____.

BY: _____ ATTEST: _____
TITLE: _____ TITLE: _____

NOTARY'S CERTIFICATE

STATE OF _____) SS
COUNTY OF _____)

I, _____, A NOTARY PUBLIC
IN THE COUNTY AND STATE AFORESAID, DO HEREBY CERTIFY THAT

_____,
(TITLE) AND _____,

(TITLE) OF _____ (COMPANY),
WHO ARE PERSONALLY KNOWN TO ME TO BE THE SAME PERSONS WHO ARE SUBSCRIBED TO THE FOREGOING CERTIFICATE OF OWNERSHIP, APPEARED BEFORE ME THIS DAY IN PERSON AND ACKNOWLEDGED THE EXECUTION OF THIS INSTRUMENT IN THEIR CAPACITY FOR THE USES AND PURPOSES THEREIN SET FORTH AS THE FREE AND VOLUNTARY ACT AND DEED OF SAID CORPORATION.

GIVEN UNDER MY HAND AND NOTARIAL SEAL THIS _____ DAY
OF _____ A.D., 20_____.

BY: _____
NOTARY PUBLIC

VILLAGE BOARD CERTIFICATE

STATE OF ILLINOIS)
COUNTY OF COOK)SS

APPROVED BY THE PRESEIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF ORLAND PARK, ILLINOIS ON THE _____ DAY OF _____, 2018.

VILLAGE PRESIDENT

VILLAGE CLERK

CERTIFICATE AS TO SPECIAL ASSESSMENTS

STATE OF ILLINOIS)
COUNTY OF COOK)SS

I CERTIFY THAT THERE ARE NO DELINQUENT OR CURRENT UNPAID SPECIAL ASSESSMENTS ON THE PROPERTY SHOWN ON THIS PLAT. DATED THIS _____ DAY OF _____, 2018.

VILLAGE TREASURER

UTILITY EASEMENT PROVISIONS

A PERMANENT NON-EXCLUSIVE EASEMENT IS HEREBY RESERVED FOR AND GRANTED TO THE VILLAGE OF ORLAND PARK (HEREINAFTER "THE GRANTEE"), AND TO ALL PUBLIC UTILITY AND OTHER COMPANIES OF ANY KIND OPERATING UNDER FRANCHISE, GRANTING THEM RIGHTS FROM THE GRANTEE, INCLUDING, BUT NOT LIMITED TO THE FOLLOWING COMPANIES: AT&T, NICOR, COMCAST, COMMONWEALTH EDISON, AND TO THEIR SUCCESSORS AND ASSIGNS IN, UPON, ACROSS, OVER, UNDER AND THROUGH THE AREAS SHOWN BY DASHED LINES AND LABELED "UTILITY EASEMENT" ON THIS PLAT OF SUBDIVISION, OR WHERE OTHERWISE NOTED FOR THE PURPOSE OF INSTALLATION, CONSTRUCTION, INSPECTION, OPERATION, REPLACEMENT, RENEWAL, ALTERATION, ENLARGEMENT, REMOVAL, REPAIR, CLEANING AND MAINTENANCE, ELECTRICAL, CABLE TELEVISION, COMMUNICATION, GAS, TELEPHONE OR OTHER UTILITY LINES AND APPURTENANCES, AND SUCH OTHER INSTALLATIONS AND SERVICE CONNECTIONS AS MAY BE REQUIRED TO FURNISH PUBLIC UTILITY SERVICES TO ADJACENT AREAS, DEEMED NECESSARY, TOGETHER WITH THE RIGHT OF ACCESS ACROSS THE REAL ESTATE PLATTED HEREON FOR THE NECESSARY PERSONNEL AND EQUIPMENT TO DO ANY OR ALL OF THE ABOVE WORK. NO PERMANENT BUILDINGS OR TREES SHALL BE PLACED ON SAID EASEMENTS, BUT THE PREMISES MAY BE USED FOR GARDENS, SHRUBS, LANDSCAPING, AND OTHER PURPOSES THAT DO NOT THEN OR LATER INTERFERE WITH THE AFORESAID USES AND RIGHTS. FENCES SHALL NOT BE ERECTED UPON SAID EASEMENTS IN ANY WAY WHICH WILL RESTRICT THE USES HEREIN GRANTED EXCEPT WHERE SPECIFICALLY PERMITTED BY WRITTEN AUTHORITY OF THE GRANTEE. THE RIGHT IS ALSO HEREBY GRANTED TO THE GRANTEE TO CUT, TRIM OR REMOVE ANY TREES, FENCES, SHRUBS, OR OTHER PARTS THAT INTERFERE WITH THE OPERATION OF OR ACCESS TO SAID UTILITY INSTALLATION IN, ON, UPON, ACROSS, UNDER OR THROUGH SAID EASEMENTS. THE GRANTEE SHALL NOT BE RESPONSIBLE FOR REPLACEMENT OF ANY SUCH IMPROVEMENTS, FENCES, GARDENS, SHRUBS OR LANDSCAPING REMOVED DURING EXERCISE OF THE HEREIN GIVEN RIGHTS. REPLACEMENT OF ITEMS SO REMOVED SHALL BE THE RESPONSIBILITY OF THE THEN LOT OWNER.

DRAINAGE EASEMENT PROVISIONS

A PERMANENT NON-EXCLUSIVE EASEMENT IS HEREBY RESERVED FOR AND GRANTED TO THE VILLAGE OF ORLAND PARK (HEREINAFTER "THE GRANTEE"), AND TO ITS SUCCESSORS AND ASSIGNS IN, UPON, ACROSS, OVER, UNDER AND THROUGH THE AREAS SHOWN BY DASHED LINES AND LABELED "DRAINAGE EASEMENT" ON THIS PLAT OF SUBDIVISION, OR WHERE OTHERWISE NOTED FOR THE PURPOSE OF INSTALLATION, CONSTRUCTION, INSPECTION, OPERATION, REPLACEMENT, RENEWAL, ALTERATION, ENLARGEMENT, REMOVAL, REPAIR, CLEANING AND MAINTENANCE OF STORM SEWERS, DRAINAGE WAYS, STORM WATER DETENTION AND RETENTION FACILITIES, SUB-SURFACE DRAINAGE SYSTEMS AND APPURTENANCES AND ANY AND ALL MANHOLES, PIPES, CONNECTIONS, CATCH BASINS, AND WITHOUT LIMITATIONS, SUCH OTHER INSTALLATIONS AS THE GRANTEE MAY DEEM NECESSARY, TOGETHER WITH THE RIGHT OF ACCESS ACROSS THE REAL ESTATE PLATTED HEREON FOR THE NECESSARY PERSONNEL AND EQUIPMENT TO DO ANY OR ALL OF THE ABOVE WORK.

IN FURTHERANCE OF THE FOREGOING AFFIRMATIVE RIGHTS, THE FOLLOWING COVENANTS SHALL RUN WITH SAID LAND IN PERPETUITY:

- NO PERMANENT BUILDINGS SHALL BE PLACED ON SAID DRAINAGE EASEMENTS;
- NO TREES OR OBSTRUCTIVE SHRUBS SHALL BE PLACED ON SAID DRAINAGE EASEMENT. THE PREMISES MAY BE USED FOR LANDSCAPING, AND OTHER PURPOSES THAT DO NOT THEN OR LATER INTERFERE WITH THE AFORESAID USES AND RIGHTS;
- THERE SHALL BE NO EXCAVATED OR IMPORTED FILL MATERIAL PLACED UPON SAID DRAINAGE EASEMENTS
- FENCES SHALL NOT BE ERECTED UPON SAID DRAINAGE EASEMENTS IN ANY WAY WHICH WILL RESTRICT THE USES HEREIN GRANTED.

THE RIGHT IS ALSO HEREBY GRANTED TO THE GRANTEE TO REMOVE ANY BUILDINGS OR STRUCTURES, [OR] TO CUT, TRIM OR REMOVE ANY TREES, FENCES, SHRUBS OR OTHER PLANTS THAT INTERFERE WITH THE OPERATION OF, OR ACCESS TO, SUCH DRAINAGE FACILITIES IN, ON, UPON, ACROSS, UNDER OR THROUGH SAID DRAINAGE EASEMENTS. THE GRANTEE SHALL NOT BE RESPONSIBLE FOR REPLACEMENT OF ANY SUCH BUILDINGS, STRUCTURES, IMPROVEMENTS, FENCES, GARDENS, SHRUBS OR LANDSCAPING REMOVED DURING EXERCISE OF THE HEREIN GIVEN RIGHTS. REPLACEMENT OF ITEMS SO REMOVED SHALL BE THE RESPONSIBILITY OF THE THEN LOT OWNER. WHERE DRAINAGE EASEMENT AREAS ARE ALSO USED FOR ELECTRIC, TELEPHONE, CABLE TV, OR GAS DISTRIBUTION SYSTEMS OR COMPONENTS, SUCH OTHER UTILITY INSTALLATIONS SHALL BE SUBJECT TO THE PRIOR APPROVAL OF THE VILLAGE OF ORLAND PARK SO AS NOT TO INTERFERE WITH THE MAINTENANCE OF STORM WATER DRAINAGE AND THESE INSTALLATIONS SHALL ESTABLISH APPROPRIATE STABILIZED VEGETATIVE GROUND COVER ON THE ABOVE-MENTIONED DRAINAGE FACILITIES.

PUBLIC WATER MAIN EASEMENT PROVISIONS

EASEMENTS ARE HEREBY RESERVED FOR AND GRANTED TO THE VILLAGE OF ORLAND PARK, ILLINOIS AND ASSIGNS OVER ALL OF THE AREAS MARKED "PUBLIC WATER MAIN EASEMENT" ON THE PLAT FOR THE PERPETUAL RIGHT, PRIVILEGE AND AUTHORITY TO SURVEY, CONSTRUCT, RECONSTRUCT, REPAIR, INSPECT, MAINTAIN AND OPERATE THE WATER DISTRIBUTION SYSTEM TOGETHER WITH ANY AND ALL NECESSARY PIPING, VAULTS, VALVES, HYDRANTS, CONNECTIONS, AND OTHER STRUCTURES AND APPURTENANCES AS MAY BE DEEMED NECESSARY BY SAID VILLAGE OVER, UPON, UNDER AND THROUGH SAID INDICATED EASEMENTS TOGETHER WITH RIGHT OF ACCESS ACROSS THE GRANTORS PROPERTY FOR NECESSARY MEN AND EQUIPMENT TO DO ANY OF THE ABOVE WORK. THE RIGHT IS ALSO GRANTED TO TRIM OR REMOVE ANY TREES, SHRUBS OR OTHER PLANTS ON THE EASEMENTS THAT INTERFERE WITH THE OPERATION OF THE UTILITY. NO PERMANENT BUILDINGS SHALL BE PLACED ON SAID EASEMENTS. BUT SAME MAY BE USED FOR SHRUBS, LANDSCAPING AND OTHER PURPOSES THAT DO NOT THEN OR LATER INTERFERE WITH THE AFORESAID USES OR RIGHTS.

COOK COUNTY DEPARTMENT OF TRANSPORTATION

THIS PLAT HAS BEEN APPROVED BY THE COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS WITH RESPECT TO ROADWAY ACCESS PURSUANT TO 765 ILCS 205/2. HOWEVER, A HIGHWAY PERMIT, CONFORMING TO THE STANDARDS OF THE COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS IS REQUIRED BY THE OWNER OF THE PROPERTY FOR THIS ACCESS.

SUPERINTENDENT OF TRANSPORTATION AND HIGHWAYS COOK COUNTY, ILLINOIS

SURFACE WATER STATEMENT

STATE OF _____) SS
COUNTY OF _____)

TO THE BEST OF OUR KNOWLEDGE AND BELIEF THE DRAINAGE OF SURFACE WATERS WILL NOT BE CHANGED BY THE CONSTRUCTION OF SUCH SUBDIVISION OR ANY PART THEREOF, OR, THAT IF SUCH SURFACE WATER DRAINAGE WILL BE CHANGED, REASONABLE PROVISION HAS BEEN MADE FOR COLLECTION AND DIVERSION OF SUCH SURFACE WATERS INTO PUBLIC AREAS, OR DRAINS WHICH THE SUBDIVIDER HAS A RIGHT TO USE, AND THAT SUCH SURFACE WATERS WILL BE PLANNED FOR IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES SO AS TO REDUCE THE LIKELIHOOD OF DAMAGE TO THE ADJOINING PROPERTY BECAUSE OF THE CONSTRUCTION OF THE SUBDIVISION.

DATED THIS _____ DAY OF _____, A.D., 20_____.

ILLINOIS PROFESSIONAL ENGINEER

LICENSE NUMBER

EXPIRATION / RENEWAL DATE

OWNER _____ OWNER _____

SURVEYOR'S AUTHORIZATION TO RECORD

I HEREBY DESIGNATE _____, AND/OR REPRESENTATIVES THEREOF, TO RECORD THIS PLAT, A TRUE COPY OF WHICH HAS BEEN RETAINED BY ME TO ASSURE NO CHANGES HAVE BEEN MADE TO SAID PLAT.

DATED THIS _____ DAY OF _____, 20_____, AT AURORA,
KANE COUNTY, ILLINOIS.

COMPASS SURVEYING LTD
PROFESSIONAL DESIGN FIRM
LAND SURVEYOR CORPORATION NO. 184-002778
LICENSE EXPIRES 4/30/2019

BY: _____
DANIEL W. WALTER
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3585
EXPIRES 11/30/18

SURVEYOR'S CERTIFICATE

STATE OF ILLINOIS)
COUNTY OF KANE)SS

I, DANIEL WALTER, ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3585, HAVE SURVEYED AND SUBDIVIDED THE FOLLOWING PROPERTY:

LOT 1 IN ORLAND PARK PRAYER CENTER, BEING A SUBDIVISION OF PART OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 20, TOWNSHIP 36 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF, RECORDED APRIL 28, 2008, AS DOCUMENT 0811916073 IN COOK COUNTY, ILLINOIS.

TOGETHER WITH:

PARCEL 1:
THE SOUTH 358.0 FEET OF THE SOUTH 1/2 OF THE EAST 1/4 OF THE SOUTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 20, TOWNSHIP 36 NORTH, RANGE 12, EAST OF THE THIRD PRINCIPAL MERIDIAN (EXCEPT THE WEST 20.0 FEET THEREOF), IN COOK COUNTY, ILLINOIS.

PARCEL 2:
THE EAST 200 FEET OF THE SOUTH 233 FEET OF THE FOLLOWING DESCRIBED PROPERTY TAKEN AS ONE PARCEL: THE WEST 1/2 OF THE EAST 1/2 OF THE SOUTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 20, ALSO THE WEST 20 FEET OF THE SOUTH 1/2 OF THE EAST QUARTER OF THE SOUTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 20, TOWNSHIP 36 NORTH, RANGE 12, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

AS SHOWN BY THE ANNEXED PLAT WHICH IS A REPRESENTATION OF SAID SURVEY AND SUBDIVISION. ALL DISTANCES ARE SHOWN IN FEET AND DECIMALS THEREOF. THIS SUBDIVISION IS WITHIN THE VILLAGE OF ORLAND PARK WHICH HAS ADOPTED AN OFFICIAL COMPREHENSIVE PLAN AND IS EXERCISING THE SPECIAL POWERS AUTHORIZED BY THE STATE OF ILLINOIS ACCORDING TO 65 ILCS 5/11-12-6 AS HERETOFORE AND HEREAFTER AMENDED, AND THIS SITE FALLS WITHIN "OTHER AREAS: ZONE X" (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN) AS DEFINED BY THE FLOOD INSURANCE RATE MAP, MAP NUMBER 17031C0703J, HAVING A REVISED DATE OF AUGUST 19, 2008.

GIVEN UNDER MY HAND AND SEAL AT AURORA , ILLINOIS THIS _____ DAY OF _____, 20_____.

COMPASS SURVEYING LTD
PROFESSIONAL DESIGN FIRM
LAND SURVEYOR CORPORATION NO. 184-002778
LICENSE EXPIRES 4/30/2019

BY: _____
DANIEL W. WALTER
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3585
LICENSE EXPIRES 11/30/2018

G:\PSDATA\2018PROJECTS\18.0043\18.0043SUBPLAT.DWG

PROJ. NO.: 18.0043

SCALE: NONE

2 OF 2

COMPASS
SURVEYING LTD

ALTA SURVEYS • TOPOGRAPHY • CONSTRUCTION STAKING

2631 GINGER WOODS PARKWAY, STE. 100
AURORA, IL 60502
PHONE: (630) 820-9100 FAX: (630) 820-7030 EMAIL: ADMIN@CLSURVEYING.COM

PROJECT

ORLAND PARK PRAYER CENTER SUBDIVISION NO. 2
16530 S. 104th Avenue
Orland Park, Illinois

CLIENT

BUIKEMA LAW GROUP, LLC
15 Salt Creek Lane, Suite 103
Hinsdale, Illinois 60521

DATE: 2-19-18

PC RWS

DRAWN BY TFS

CHECKED BY DW

BOOK 404 PG 40

NO.

REVISIONS

1. PER EMAIL DATED 8-15-18

Plant List

Shade Trees	Key	Qty.	Size	Botanical Name	Common Name	Remarks
CEO	12	2.5"		<i>Celtis occidentalis</i>	Common Hackberry	BB, (N)
GTS	9	2.5"		<i>Gleditsia triacanthos</i> var. <i>inermis</i> 'Skyline'	Skyline Thornless Honeylocust	BB, (NC)
QTO	6	2.5"		<i>Quercus macrocarpa</i>	Espresso Kentucky Coffee Tree	BB, (NC)
QUB	8	2.5"		<i>Quercus bicolor</i>	Swamp White Oak	BB, (N)
QUM	5	2.5"		<i>Quercus macrocarpa</i>	Bur Oak	BB, (N)(R)
ULM	8	2.5"		<i>Ulmus 'New Horizon'</i>	New Horizon Elm	BB

Ornamental Trees	Key	Qty.	Size	Botanical Name	Common Name	Remarks
AMG	2	2.5"		<i>Amelanchier x grandiflora</i> 'Cole's Select'	Cole's Select Serviceberry	BB, (NC)
AMG	2	6"		<i>Amelanchier x grandiflora</i> 'Cole's Select'	Cole's Select Serviceberry	BB/Clump, (NC)
COI	3	6"		<i>Crataegus crusgalli</i> var. <i>inermis</i>	Thornless Cockspur Hawthorn	BB/Clump, (N)
MLS	3	6"		<i>Malus sargentii</i>	Sargent Crabapple	BB/Clump
MPP	7	2.5"		<i>Malus 'Purple Prince'</i>	Purple Prince Crabapple	BB
STR	7	2.5"		<i>Syringa reticulata</i> 'Ivory Silk'	Ivory Silk Japanese Tree Lilac	BB

Shrubs	Key	Qty.	Size	Botanical Name	Common Name	Remarks
COI	8	3"		<i>Cornus sericea</i> 'Isanti'	Isanti Redosier Dogwood	BB, (NC)
HMV	8	3"		<i>Hamamelis virginiana</i>	Common Witchhazel	BB/Clump, (N)
HTI	31	24"		<i>Hydrangea arborescens</i> 'Incrediball'	Incrediball Hydrangea	BB, (NC)
JCS	24	24"		<i>Juniperus chinensis</i> var. <i>sargentii</i>	Sargent Juniper	BB
JMC	18	24"		<i>Juniperus chinensis</i> 'Nailay's Compacta'	Nailay's Compact Juniper	BB
PIN	17	24"		<i>Pinus mugo</i> 'Encl'	Encl Mugo Pine	BB
PHG	16	24"		<i>Picea pungens</i> 'Gobosa'	Dwarf Globe Blue Spruce	BB, (NC)
PHG	16	24"		<i>Rhus aromatica</i> 'Glo-Low'	Glo-Low Fragrant Sumac	BB, (NC)
SYB	16	24"		<i>Syringa</i> 'Blooming Dark Purple'	Blooming Dark Purple Lilac	BB, (NC)
VUM	22	24"		<i>Viburnum dentatum</i> 'Christom'	Blue Mufin Arrowwood Viburnum	BB, (NC)

Perennials	Key	Qty.	Size	Botanical Name	Common Name	Remarks
ACH	39	#1		<i>Achilles 'Moonshine'</i>	Moonshine Yarrow	Container
ALL	28	#1		<i>Allium 'Summer Beauty'</i>	Summer Beauty Allium	Container
AWB	12	#1		<i>Aster dumosus</i> 'Wood's Blue'	Wood's Blue Aster	Container, (NC)
DIA	20	#1		<i>Dianthus gratiopolitana</i> 'Firewitch'	Firewitch Chebarr Pinks	Container
ECH	16	#1		<i>Echinacea purpurea</i>	Purple Coneflower	Container, (N)
HLG	35	#1		<i>Hemerocallis 'Little Grapette'</i>	Little Grapette Daylily	Container
HRH	13	#1		<i>Hemerocallis 'Happy Returns'</i>	Happy Returns Daylily	Container
UA	10	#1		<i>Liatris spicata</i> 'Kabala'	Kabala Blazing Star	Container, (NC)
RUD	20	#1		<i>Rudbeckia fulgida</i> 'Goldsturm'	Goldsturm Black-Eyed Susan	Container, (NC)

Ornamental Grasses	Key	Qty.	Size	Botanical Name	Common Name	Remarks
AND	21	#1		<i>Andropogon gerardi</i> 'Red October'	Red October Big Bluestem	Container, (NC)
BOU	16	#1		<i>Bouteloua curtipendula</i>	Side Oats Grass	Container, (N)
CAR	18	#1		<i>Carex pensylvanica</i>	Pennsylvania Oak Sedge	Container, (N)
CMK	28	#1		<i>Calamagrostis canadensis</i> 'Karl Foerster'	Karl Foerster Grass	Container
PAN	76	#1		<i>Panicum virgatum</i>	Switch Grass	Container, (N)
PEN	27	#1		<i>Pennisetum alopecuroides</i> 'Hemeln'	Dwarf Fountain Grass	Container
SCH	76	#1		<i>Schizanthus scaberrimus</i>	Little Bluestem	Container, (N)
SPO	44	#1		<i>Sporobolus heterolepis</i>	Prairie Dropseed	Container, (N)

NOTE:

(N) - Native species

(NC) - Native cultivar

(NI) - These plant materials are not included in the Landscape Calculations, but shall be provided and installed by landscape contractor.

(R) - Replacement Trees

Landscape Notes

Size and grading standards of plant materials shall conform to the latest edition of ANSI Z60.1, AMERICAN STANDARD FOR NURSERY STOCK, by the American Nursery & Landscape Association.

All plant materials shall be nursery grown stock and shall be free of any deformities, diseases or insect damage. Any materials with damaged or cracked/deluged leaders, bark abrasions, sunscald, insect damage, etc. are not acceptable and will be rejected.

Trees not exhibiting a central (or single) leader will be rejected unless called out in the Plant Schedule as multi-stem.

Inspection and approval of all plant materials by the Landscape Architect is required prior to installation. Any materials installed without approval may be rejected.

The Village may reject any plant materials that are diseased, deformed, or otherwise not exhibiting superior quality requirements, including those described in the Plant Schedule.

The Contractor is responsible for providing and installing all materials shown on the Plan in accordance with plan design and materials quantities.

The Contractor is responsible for protecting underground utilities, sidewalks and other previously constructed site improvements.

Landscape Calculations

Total lot area:	117,427 sq. ft.
Total area to be developed:	55,492 sq. ft. (47.7%)
Total landscape area:	49,015 sq. ft. (41.7%)
Total parking lot islands required:	134 spaces = 14 islands
Total parking lot islands provided:	15 islands = 3978 sq. ft.

Landscape Parkways: PROVIDED PER HEY AND ASSOCIATES REVIEW, 04.26.18

West 167th Street	Required 40' o.c.	Proposed 10' o.c.	10' o.c.
South 104th Street	Required 40' o.c.	Proposed 10' o.c.	6' o.c.

Landscape Corridors

NOT REQUIRED PER HEY AND ASSOCIATES REVIEW, 04.26.18

ADDED: Per Village of Orland Park email, dated 10.12.18.

Shade trees 3

Shrubs 35

Ornamental grasses 114

North Landscape Bufferyard - Not Applicable

West Landscape Bufferyard (508') - Type 1: ACCEPTABLE PER HEY AND ASSOCIATES REVIEW, 04.26.18

Shade trees	Required 15.24	Proposed 19 shade trees + existing vegetation
Evergreen or ornamental trees	5.08	5 ornamental trees + ex. vegetation
Shrubs	81.26	16 3' int. shrubs + ex. vegetation

Foundation and Interior Landscape: MET PER HEY AND ASSOCIATES REVIEW, 04.26.18

Foundation - Not Applicable	Required	Proposed
Interior Trees	11.7	12 shade trees

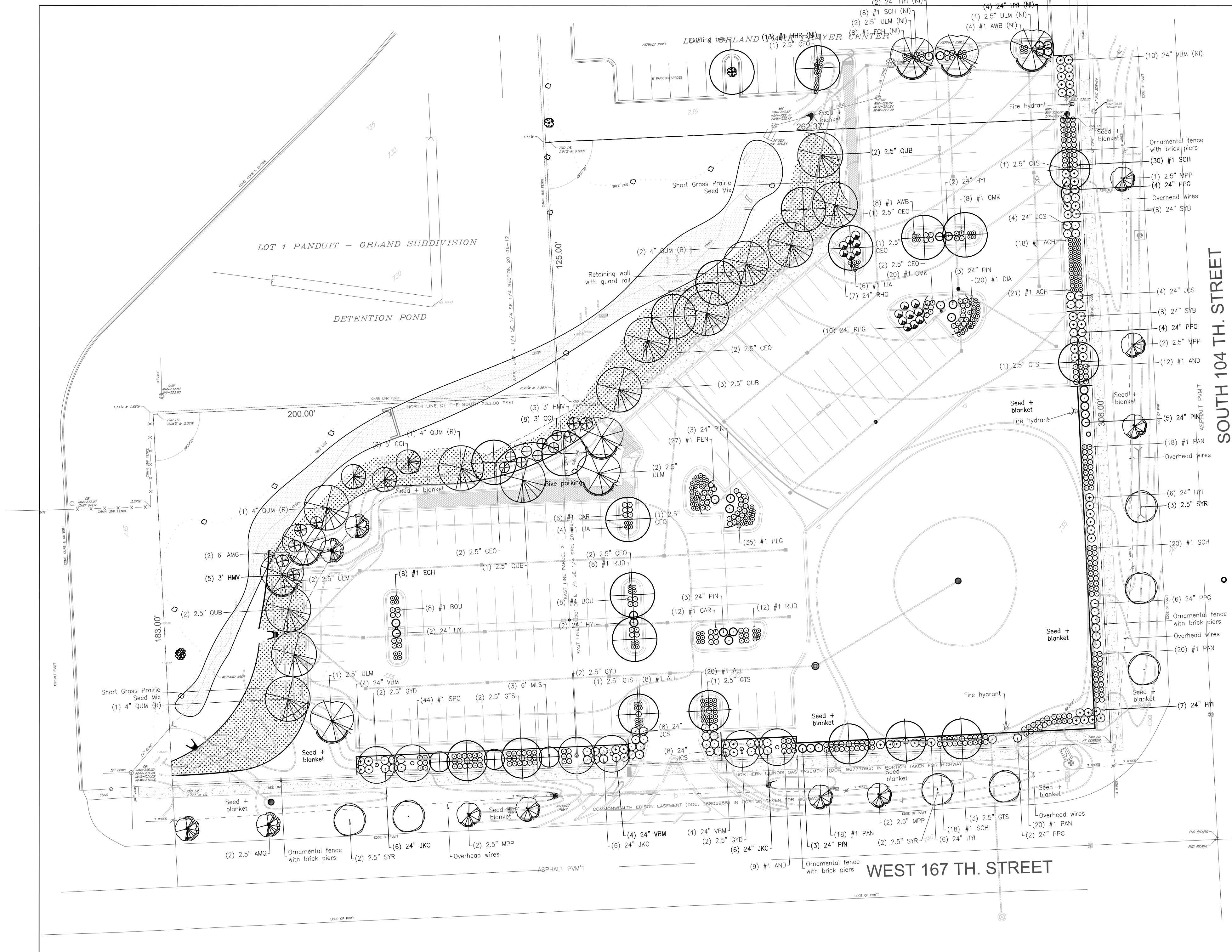
Parking Lot Area Landscape: MET PER HEY AND ASSOCIATES REVIEW, 04.26.18 | Revised per Village 02.16.19

Perimeter screen	Required 75%	Proposed 75%
134 parking spaces = 14 islands	14 shade trees	6 shade trees
		(8) trees relocated to West Buffer

Signage Landscape - Not Applicable

Stormwater Management Area Landscape - Not Applicable

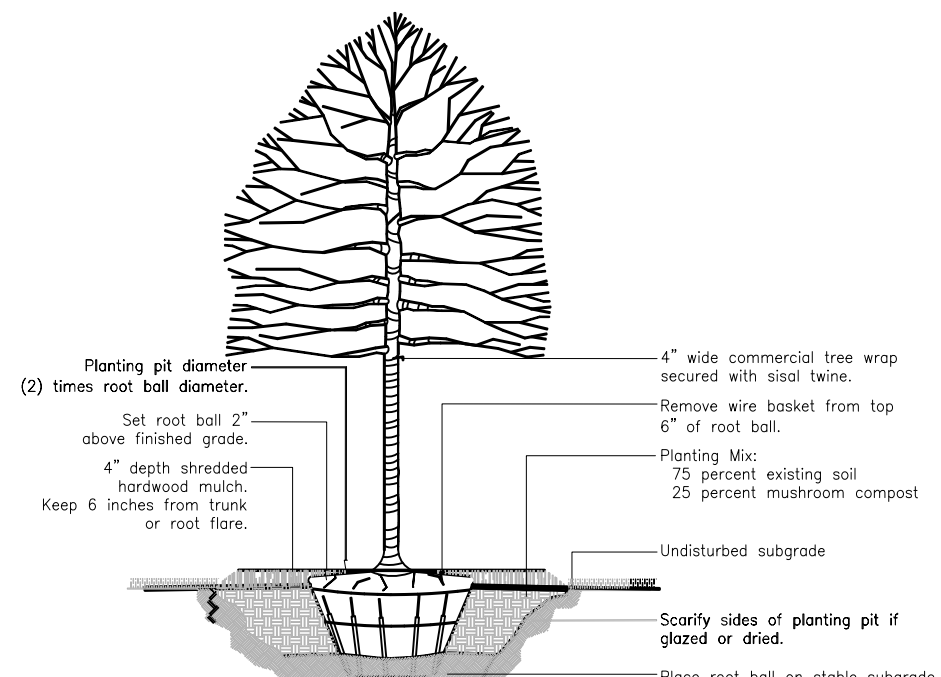
NOTE: (NI) - These plant materials are not included in the Landscape Calculations, but shall be provided and installed by landscape contractor.



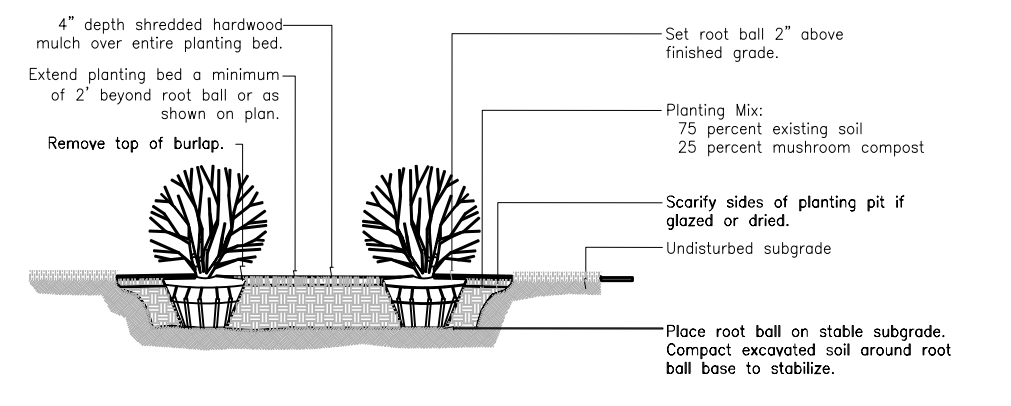
Short Grass Prairie Seed Mix			
Grasses	Botanical Name	Common Name	Oz./Acre
	<i>Andropogon scoparius</i>	Little Bluestem	240
	<i>Bouteloua curtipendula</i>	Side Oats Grass	56
	<i>Elymus canadensis</i>	Canada Wild Rye	24
Total Grasses:			320
			20
Forbs	Botanical Name	Common Name	Oz./Acre
	<i>Asclepias tuberosa</i>	Butterfly Milkweed	16
	<i>Carex palmata</i>	Prairie Coreopsis	6
	<i>Echinacea pallida</i>	Purple Prairie Clover	16
	<i>Echinacea purpurea</i>	Pale Purple Coneflower	16
	<i>Penstemon digitalis</i>	Foxglove Beard Tongue	4
	<i>Physostegia virginiana</i>	Obedient Plant	4
	<i>Rudbeckia hirta</i>	Black-Eyed Susan	3
	<i>Tradescantia ohiensis</i>	Spiderwort	8
Total Forbs:			80
Total Grasses and Forbs:			400
			25
Temporary Cover Crop	Botanical Name	Common Name	Oz./Acre
	<i>Avena sativa</i>	Common Oats	320
			20

Applied at the rate of 25 lbs. per acre. | Cover with NAG S75BN Erosion Control Blanket (biodegradable).

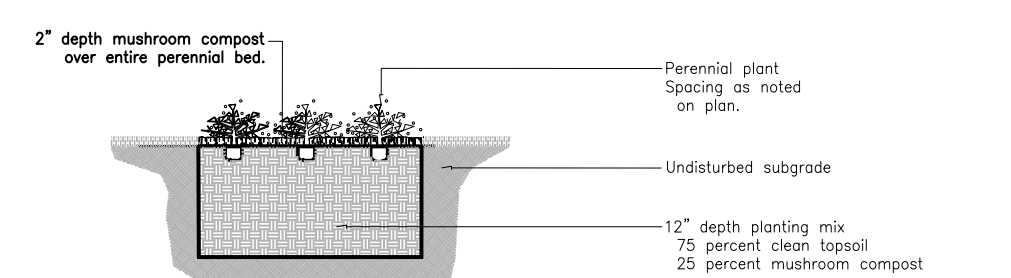
Detail Deciduous Tree Planting



Detail Shrub Planting



Detail Perennial Planting



Orland Park Prayer Center

16530 South 104th Avenue
Orland Park, Illinois

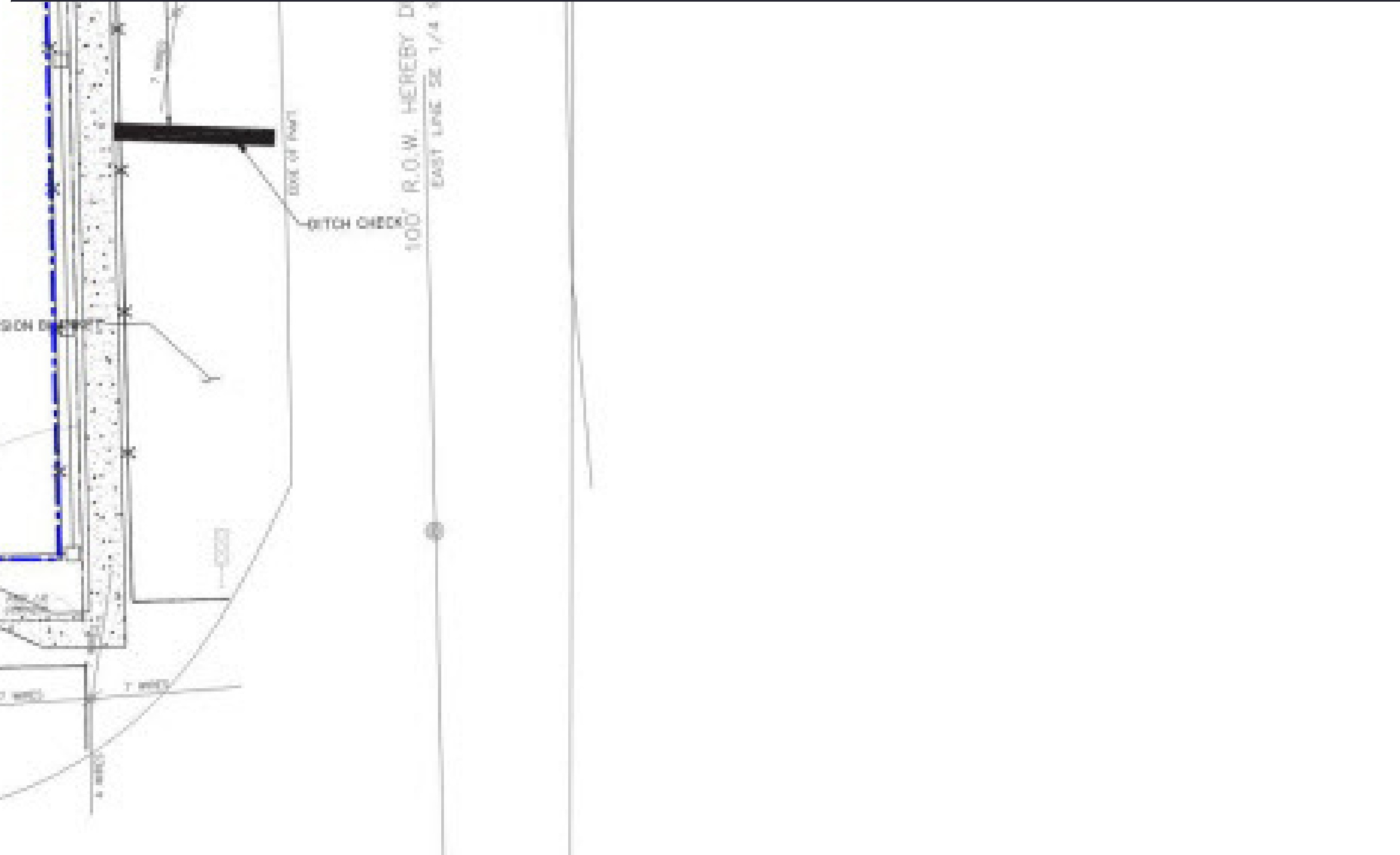
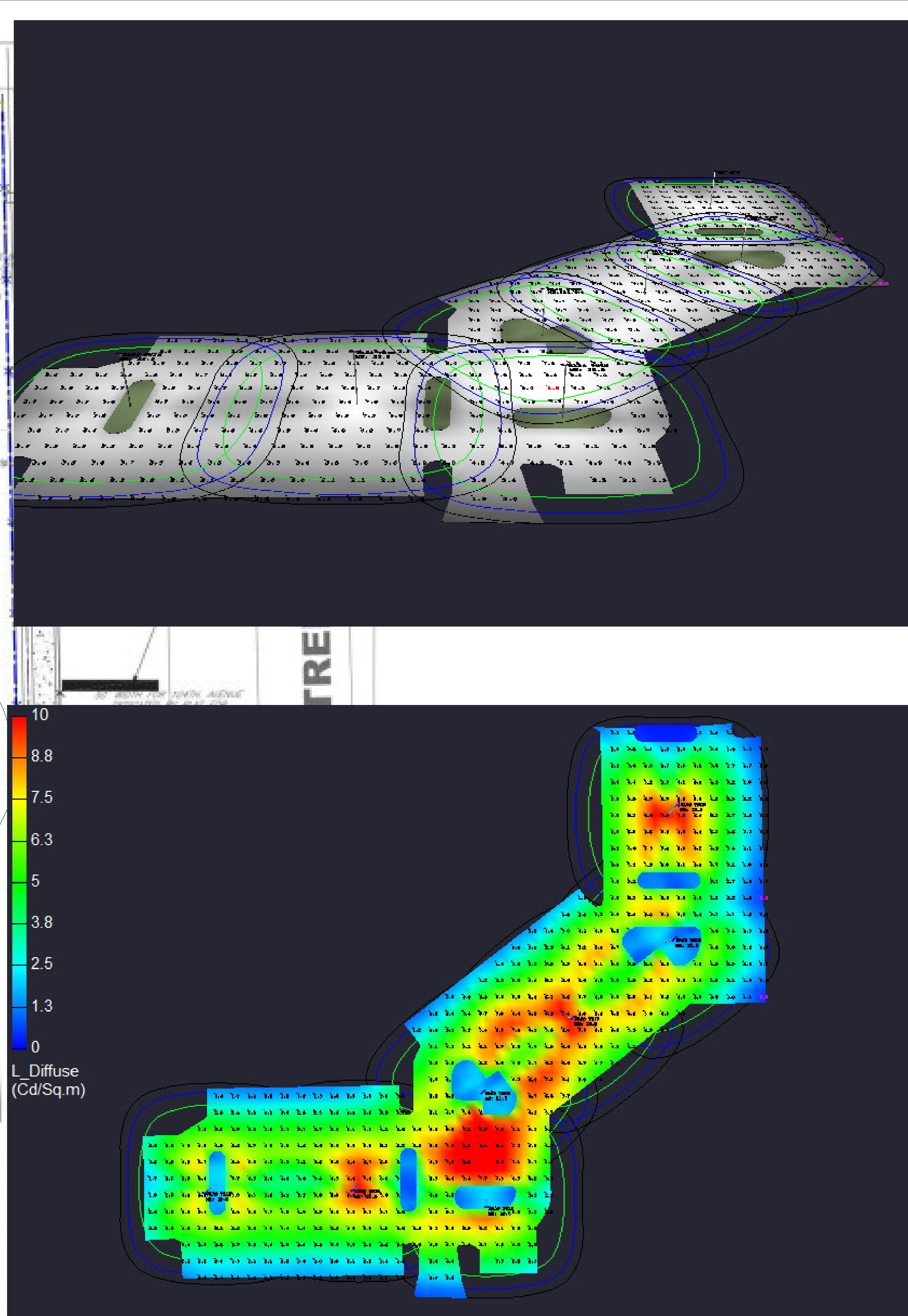
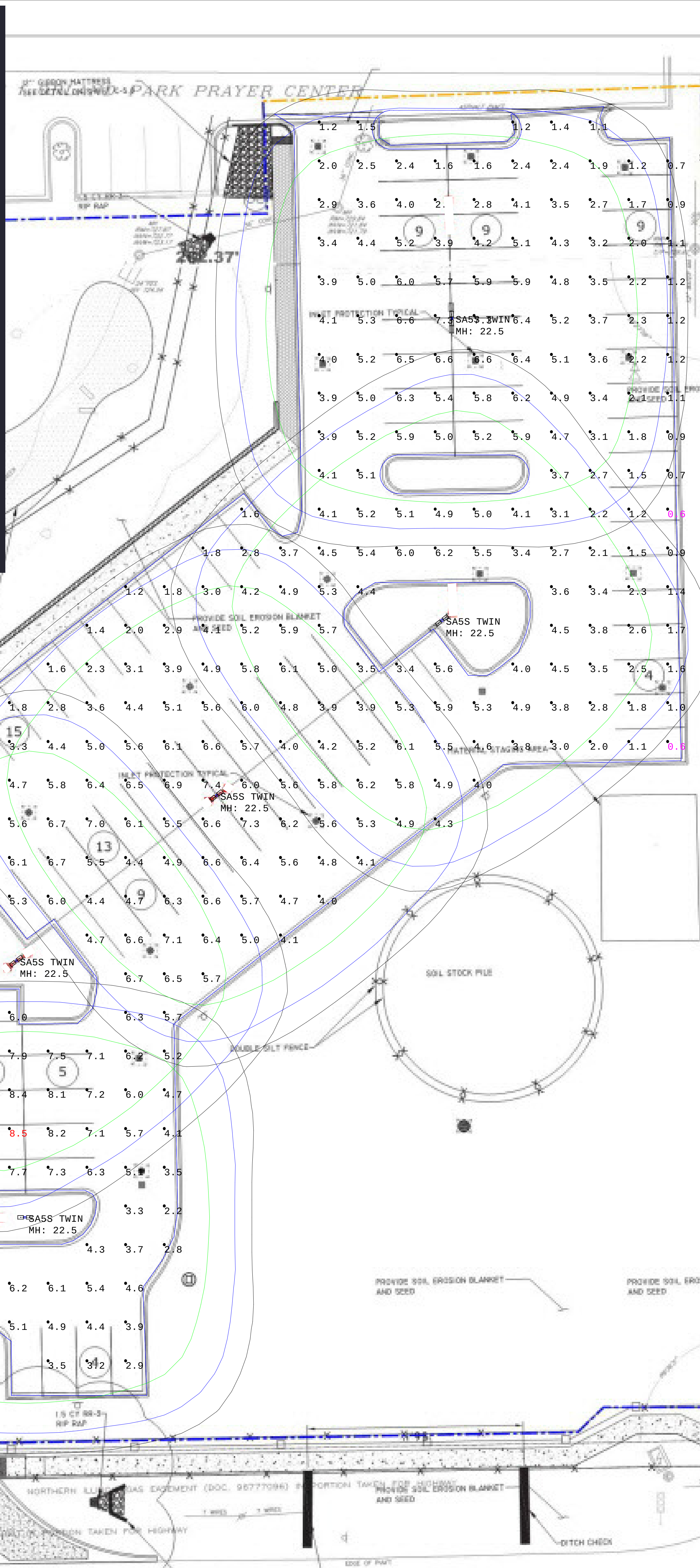
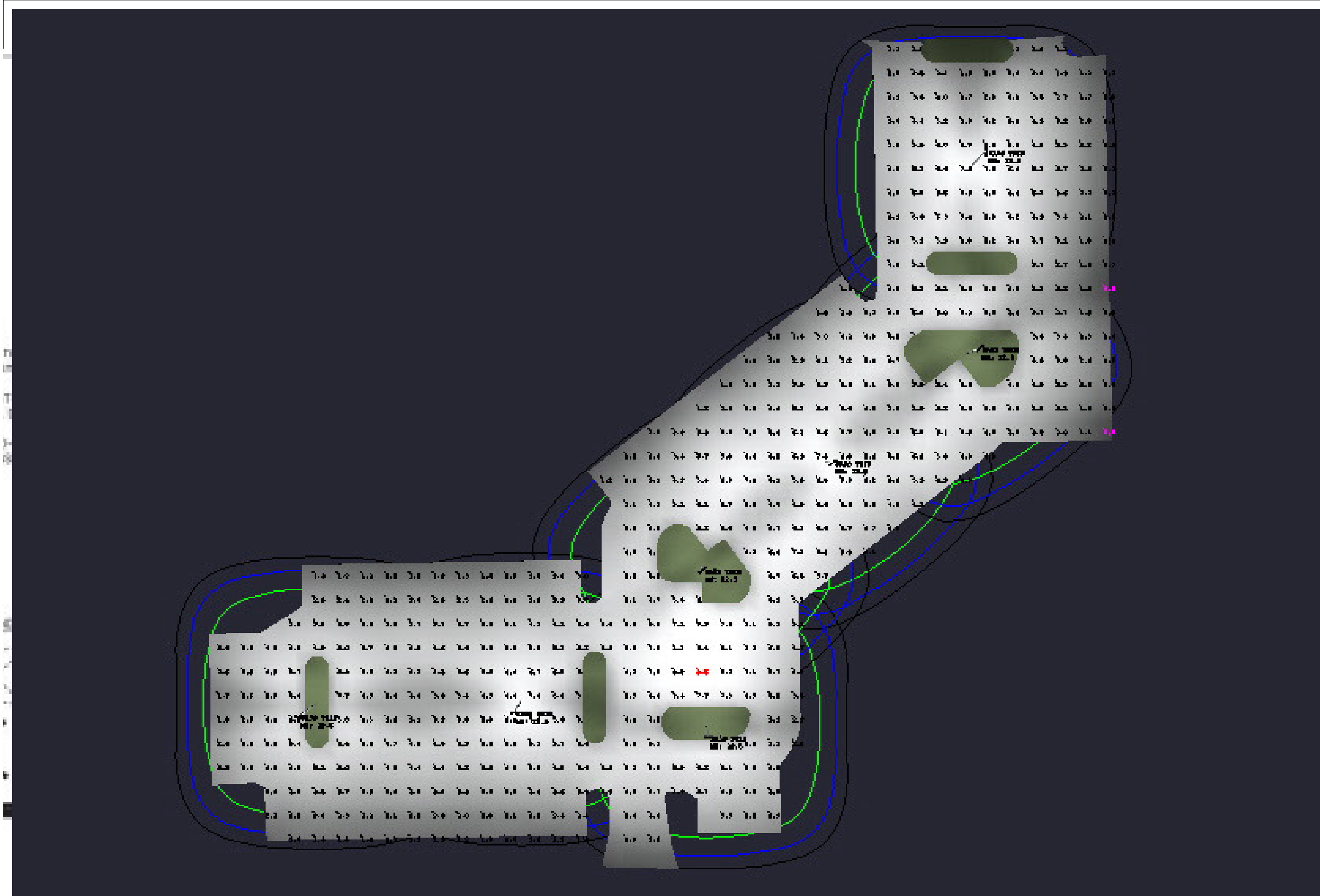
DAVID R. McCALLUM ASSOCIATES, INC.
LANDSCAPE ARCHITECTS

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McCALLUM
ASSOCIATES

Landscape Plan

	PER VILLAGE COMMENTS	08.27.20
5	Site Lighting Village Review	02.16.19
4	Per Village Comments	10.17.18
3	Per Village Comments	07.29.18
2	For Review	03.16.18
Mark	Description	Date
Issuance		



Luminaire Schedule					
Symbol	Qty	Label	Arrangement	LLF	Description
	7	SA5S TWIN	BACK-BACK	1.000	eLALS1-5MQ24040K8-XX

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
PARKING LOT_Top	Illuminance	Fc	4.15	8.5	0.6	6.92	14.17