

**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

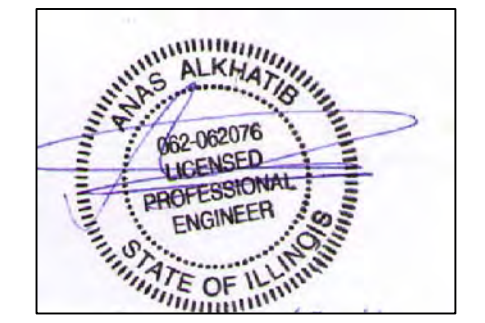
**LEGEND**

- 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.

- LEGEND:**
- NORTH
  - SOUTH
  - EAST
  - WEST
  - DK LINE
  - EXISTING SANITARY MANHOLE
  - EXISTING CATCH BASIN
  - POWER POLE
  - EXISTING LIGHT POLE
  - SIGN POLE
  - GAS VALVE
  - GUARD POST
  - EXISTING FIRE HYDRANT
  - WATER B. BOX
  - EXISTING WATER MANHOLE
  - ELECTRIC MANHOLE
  - TRANSFORMER
  - TRAFFIC SIGNAL
  - PINE TREE
  - TREE
  - WOOD FENCE
  - CHAIN LINK FENCE
  - IRON FENCE
  - PROPERTY LINE
  - LOT LINE
  - CENTERLINE
  - EXISTING ELEVATION
  - SANITARY SEWER
  - STORM SEWER
  - WATER
  - TREE LINE
  - PROPOSED STORM SEWER
  - PROPOSED WATER
  - PROPOSED SANITARY SEWER
  - PROPOSED SANITARY MANHOLE
  - PROPOSED CATCH BASIN
  - PROPOSED STORM MANHOLE
  - PVC OBSERVATION WELL (O.W.)
  - PROPOSED VALVE VAULT
  - PROPOSED LIGHT POLE
  - INLET PROTECTION

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



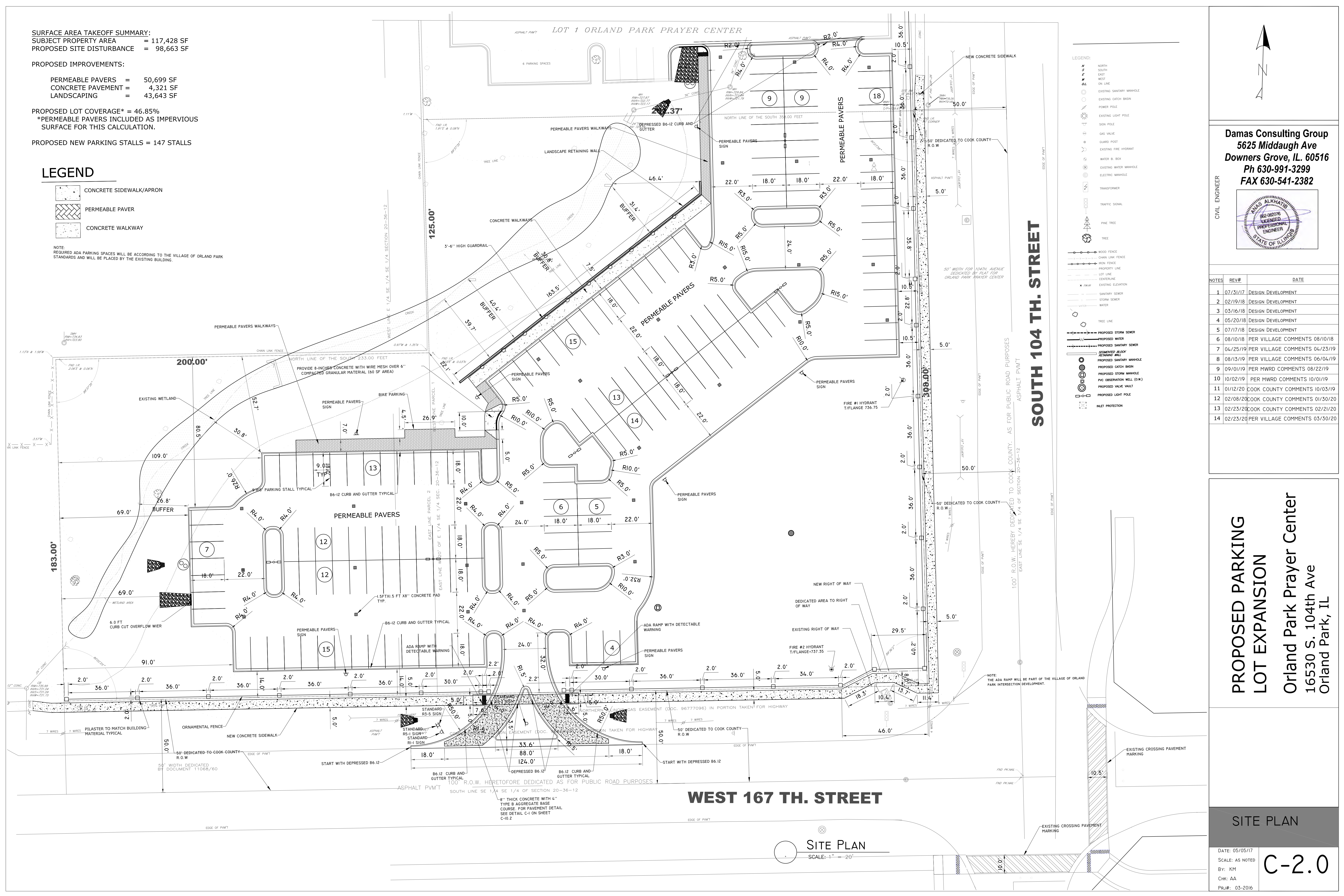
| NOTES | REV#     | DATE                          |
|-------|----------|-------------------------------|
| 1     | 07/31/17 | DESIGN DEVELOPMENT            |
| 2     | 02/19/18 | DESIGN DEVELOPMENT            |
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| 9     | 09/01/19 | PER MWRD COMMENTS 08/22/19    |
| 10    | 10/02/19 | PER MWRD COMMENTS 10/01/19    |
| 11    | 01/12/20 | COOK COUNTY 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

**SITE PLAN**

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

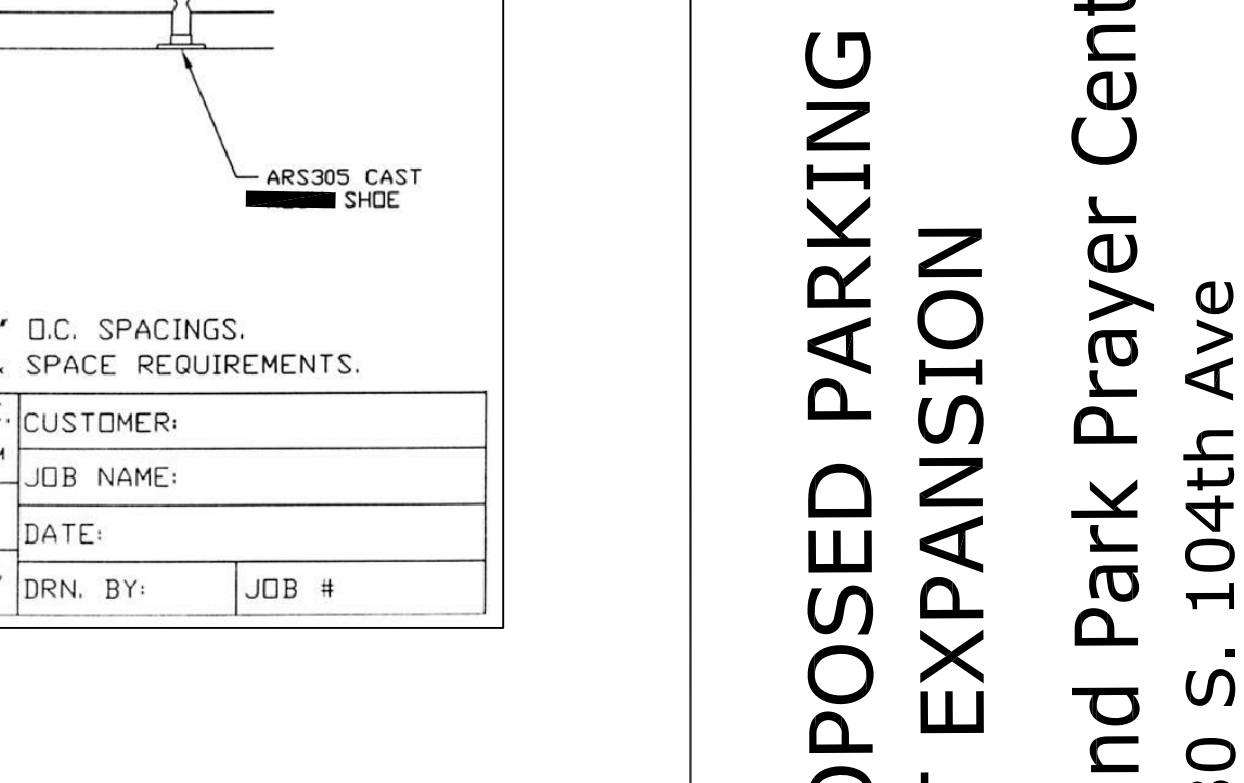
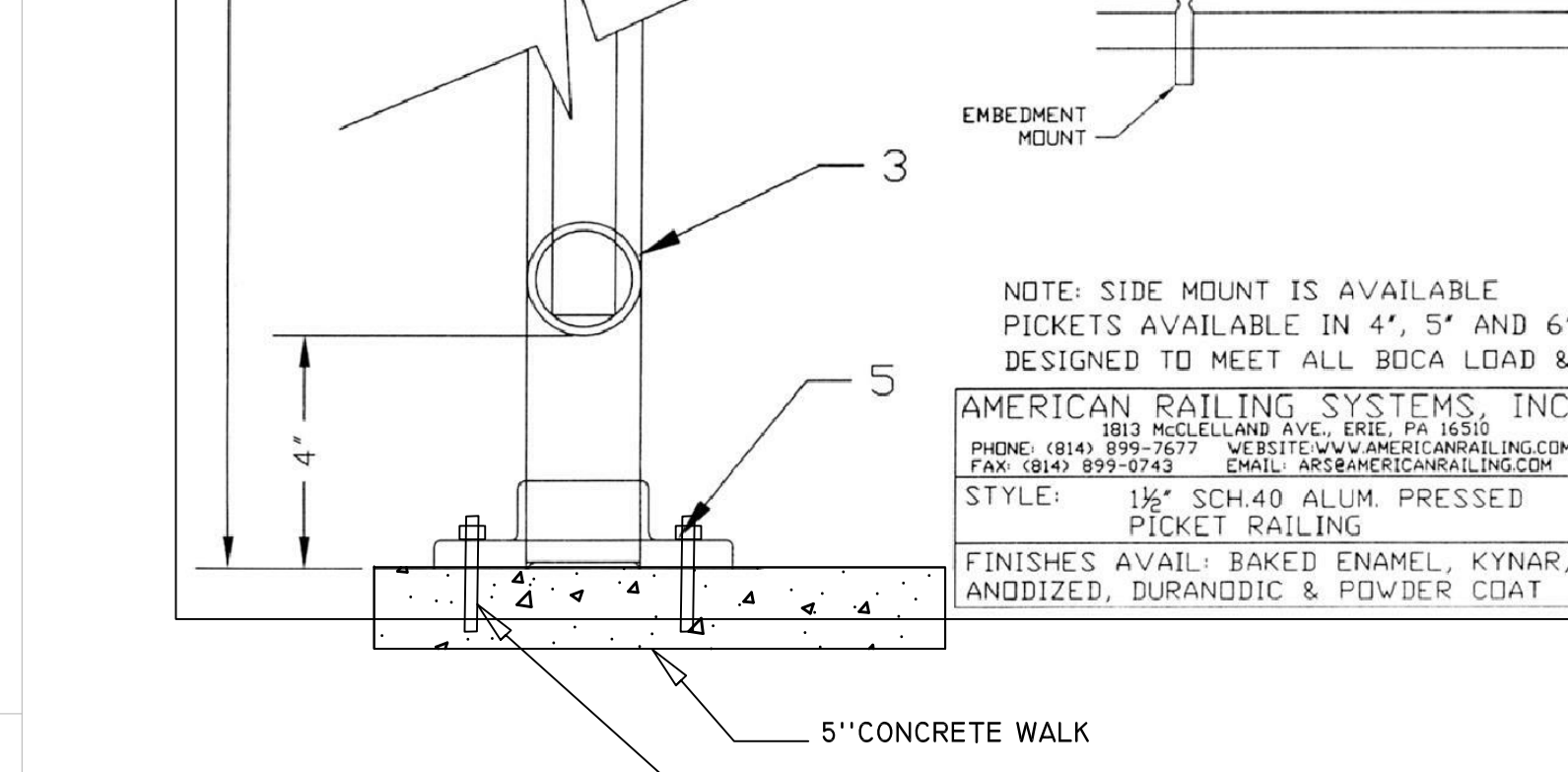
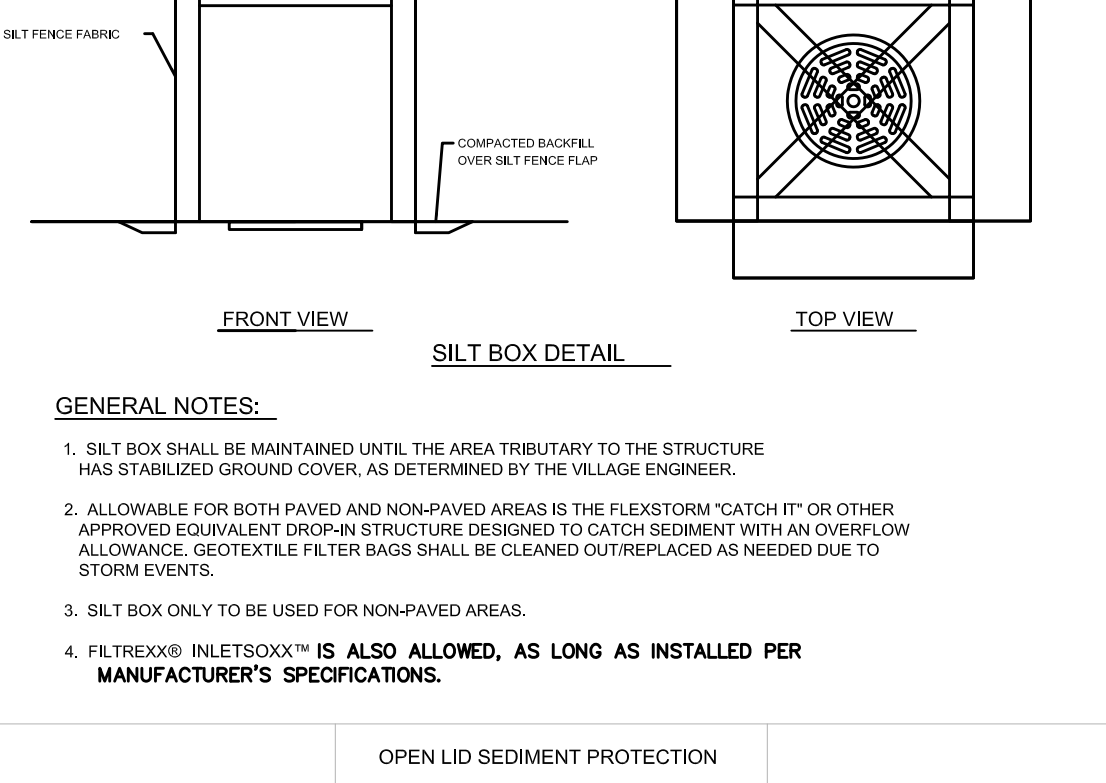
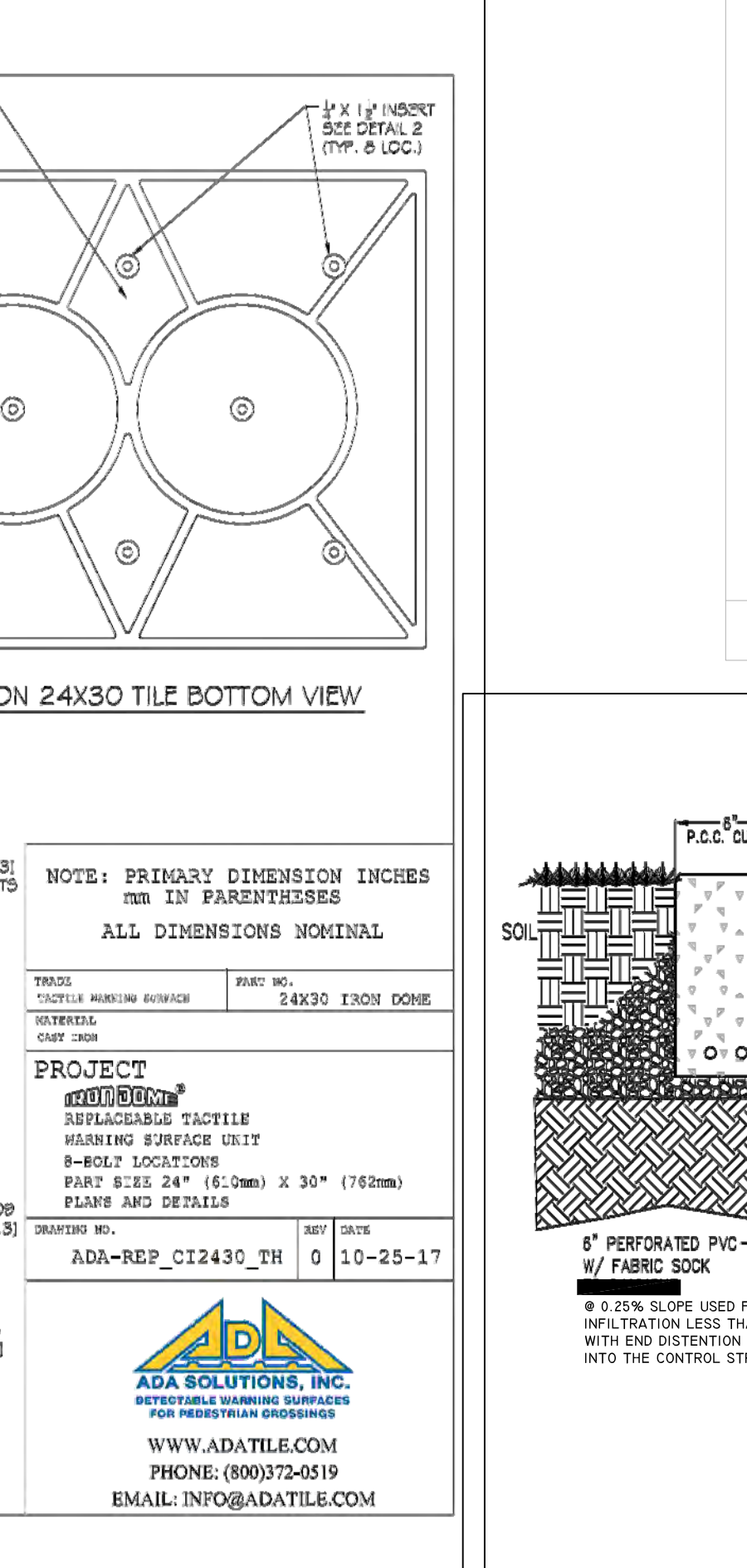
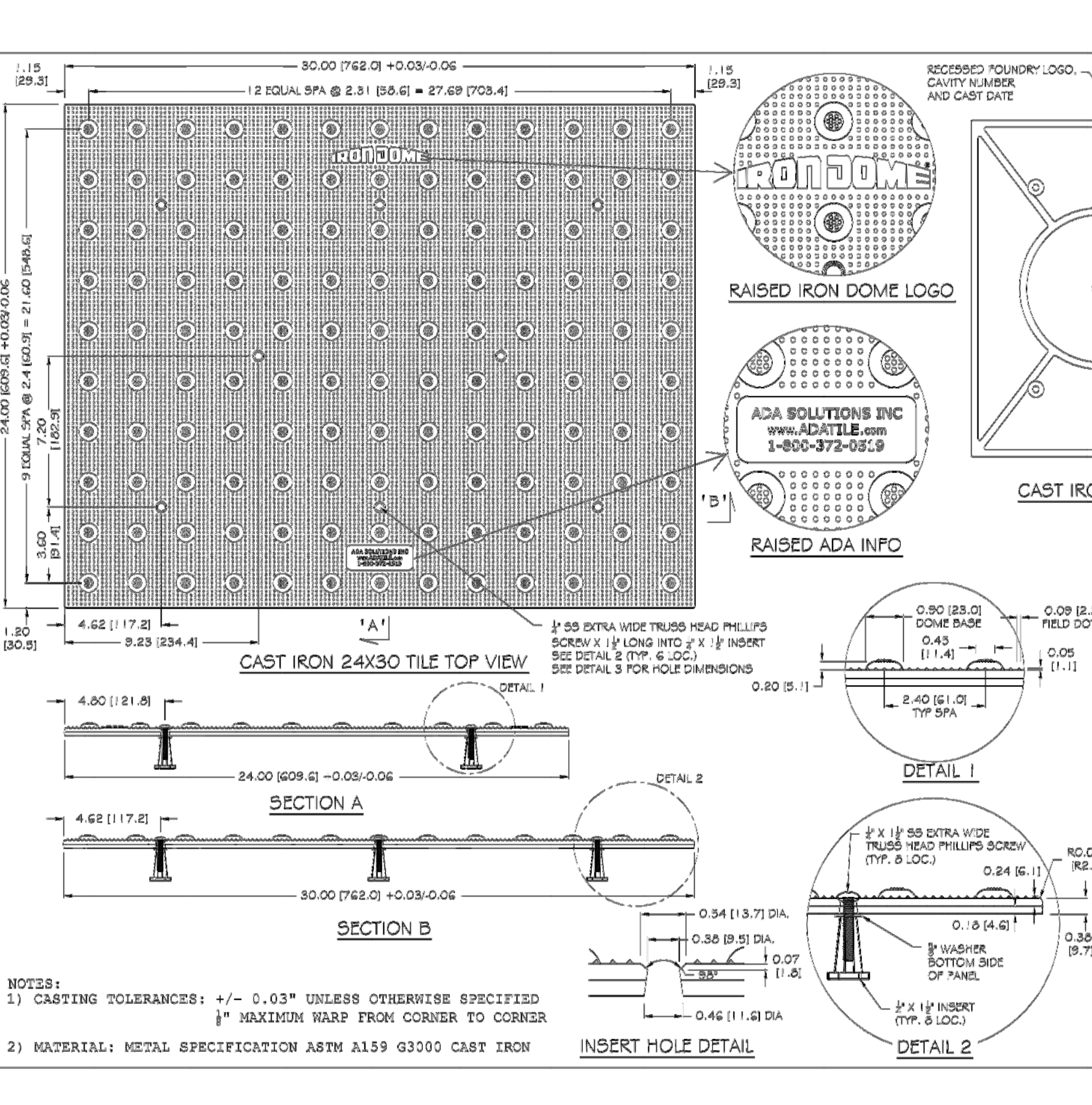
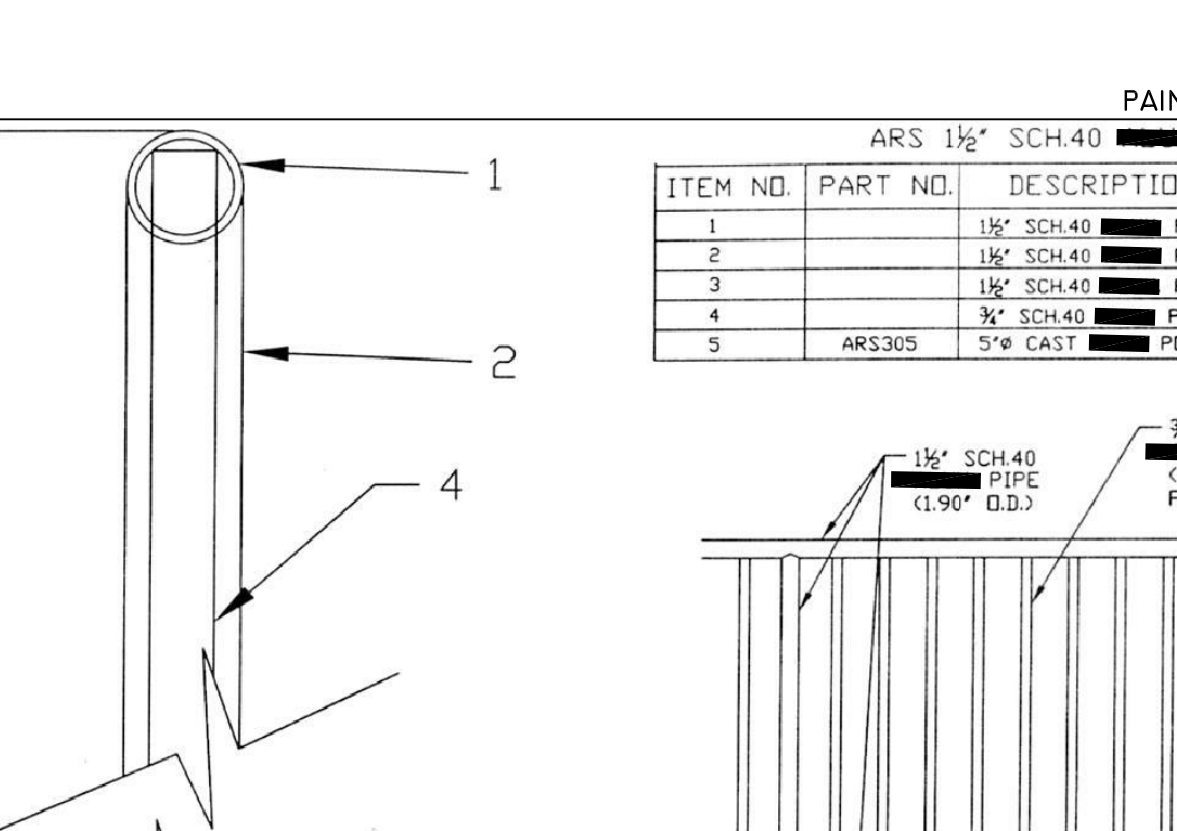
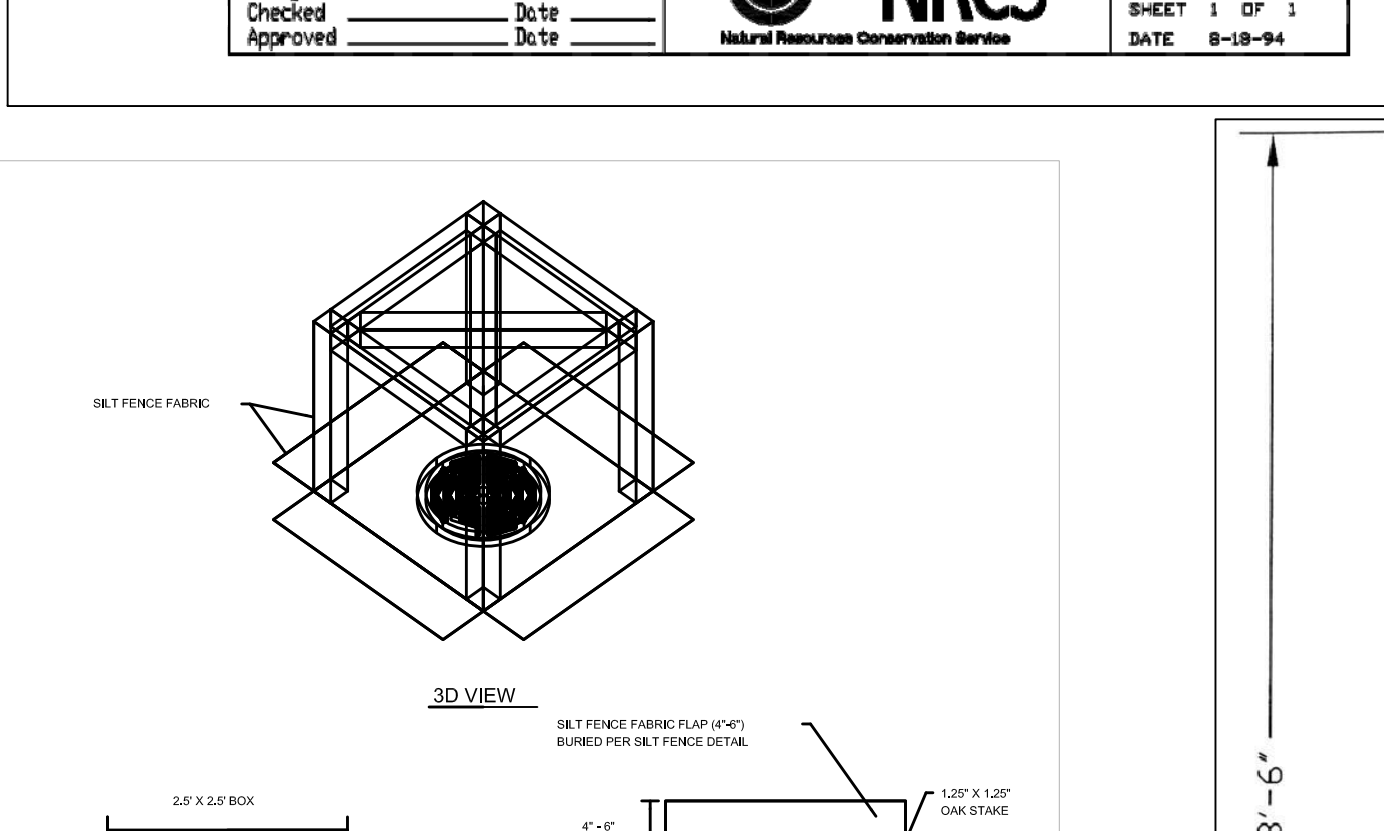
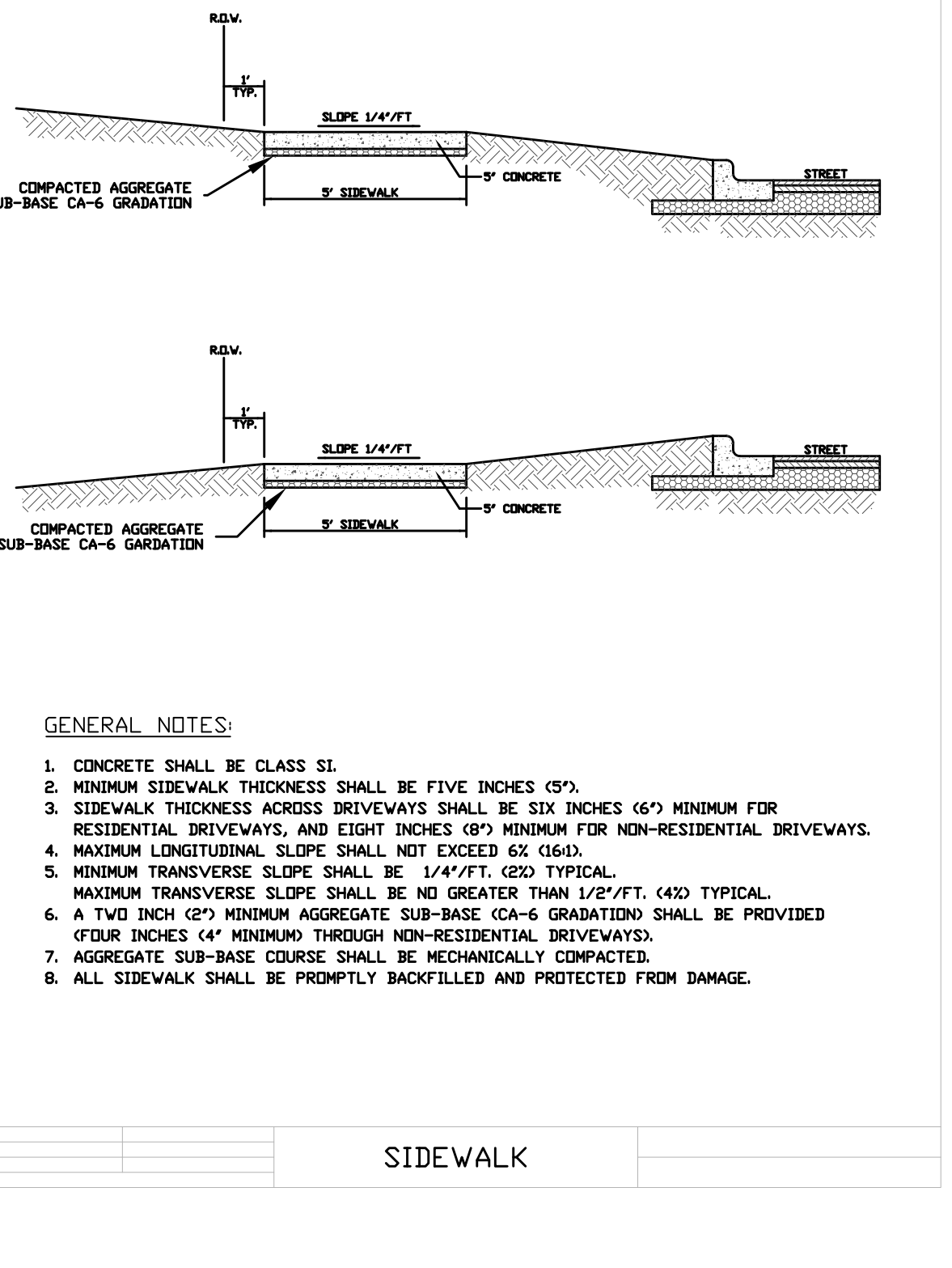
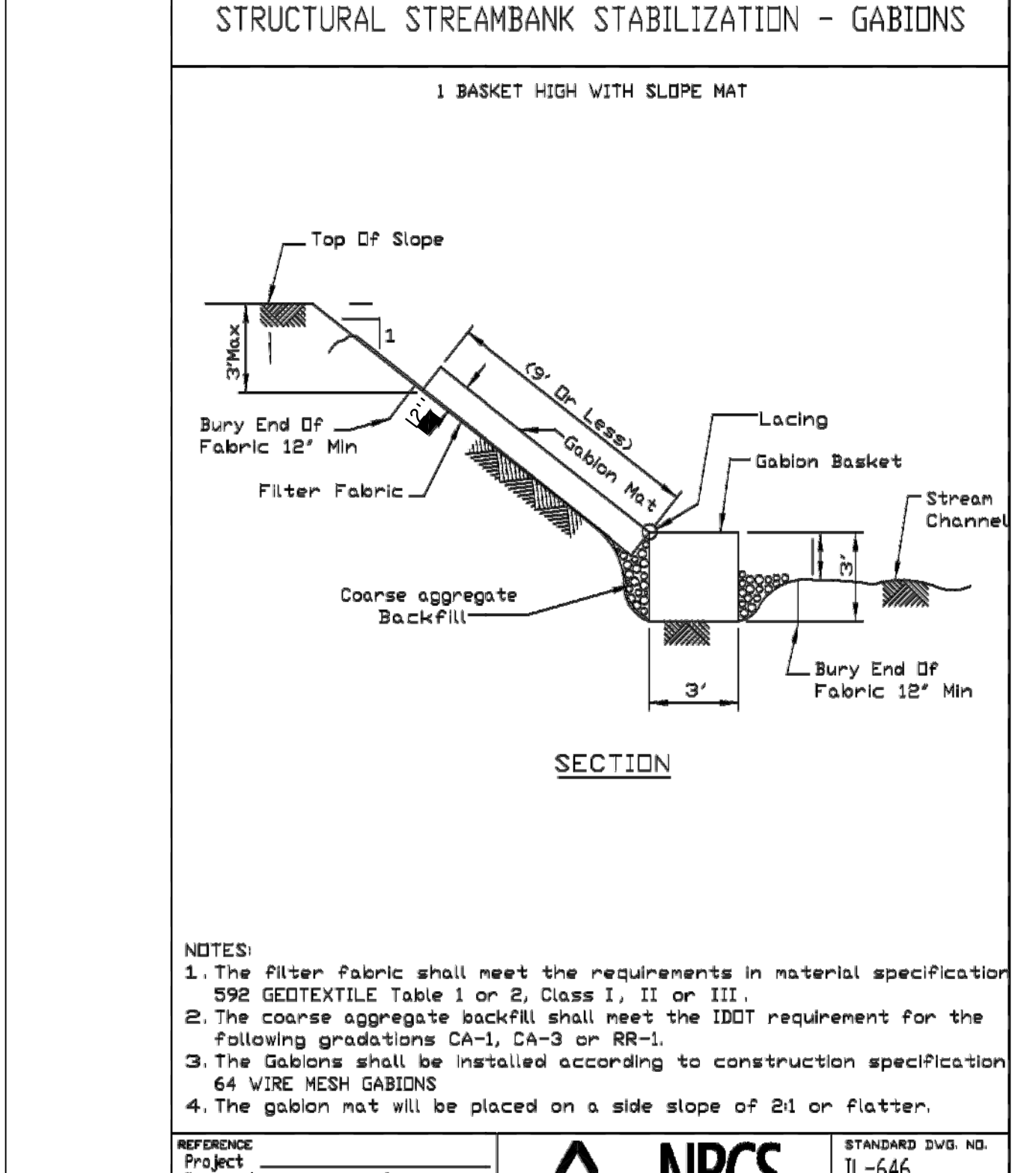
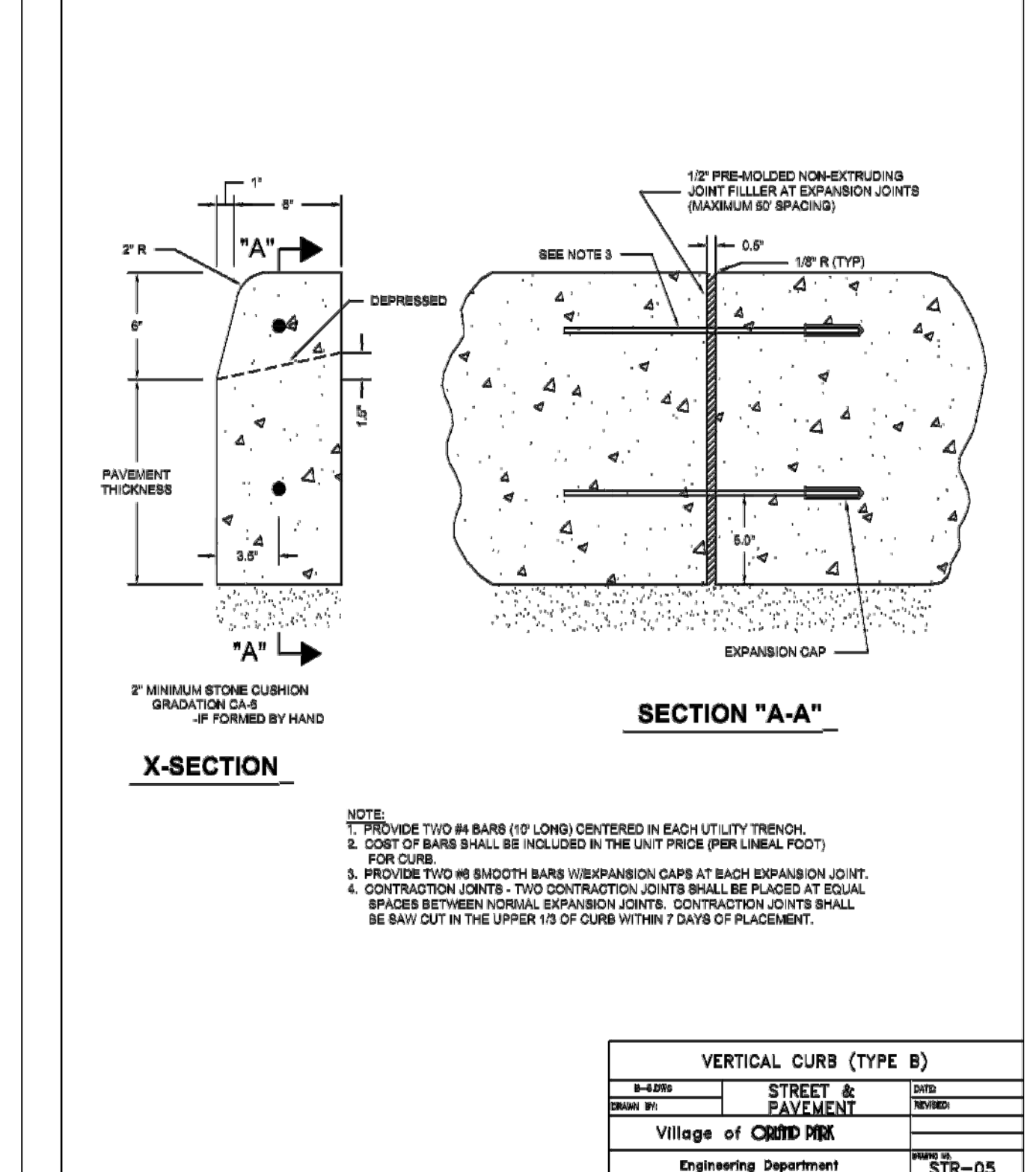
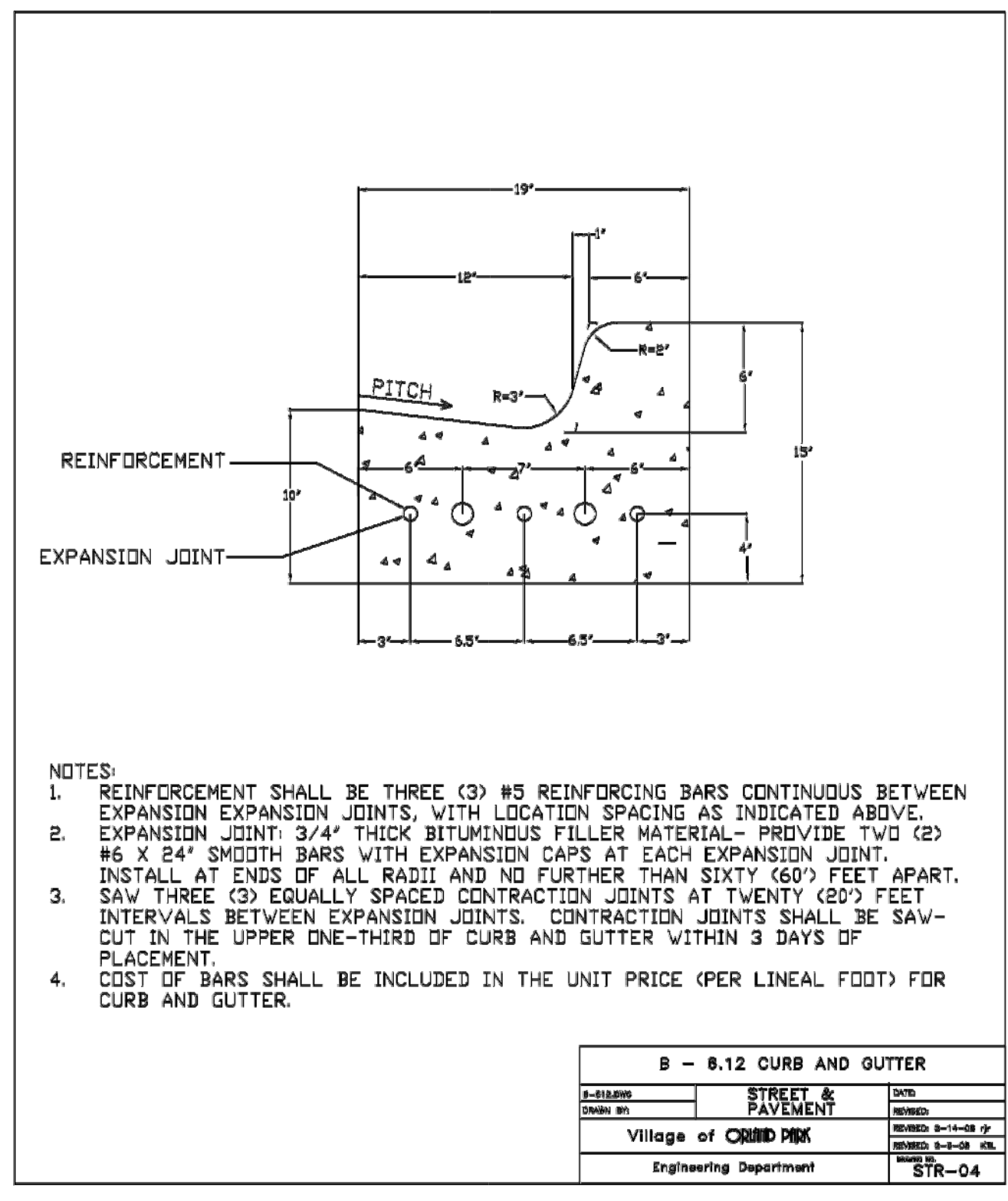
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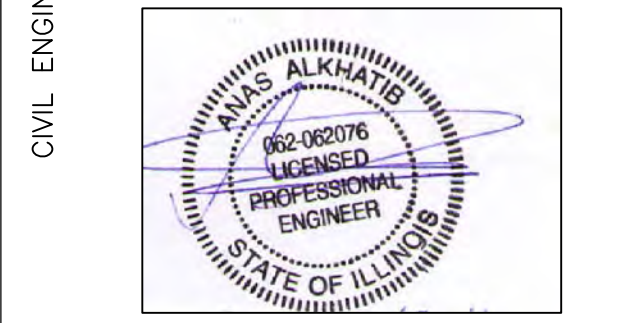
**WEST 167 TH. STREET**

**SOUTH 104 TH. STREET**

**SITE PLAN**  
 SCALE: 1" = 20'



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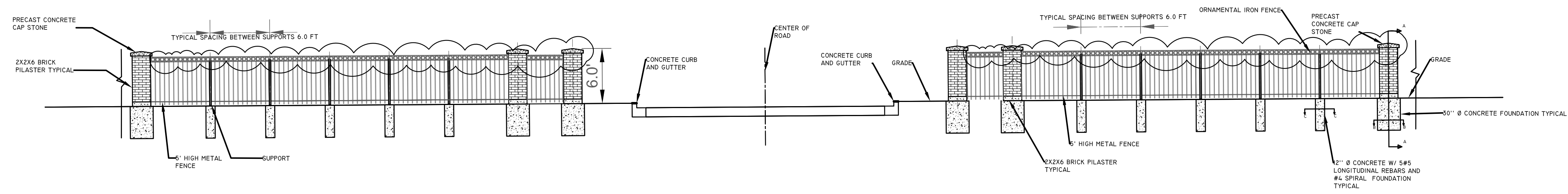
**PROPOSED PARKING LOT EXPANSION**

**Orland Park Prayer Center**  
 16530 S. 104th Ave  
 Orland Park, IL

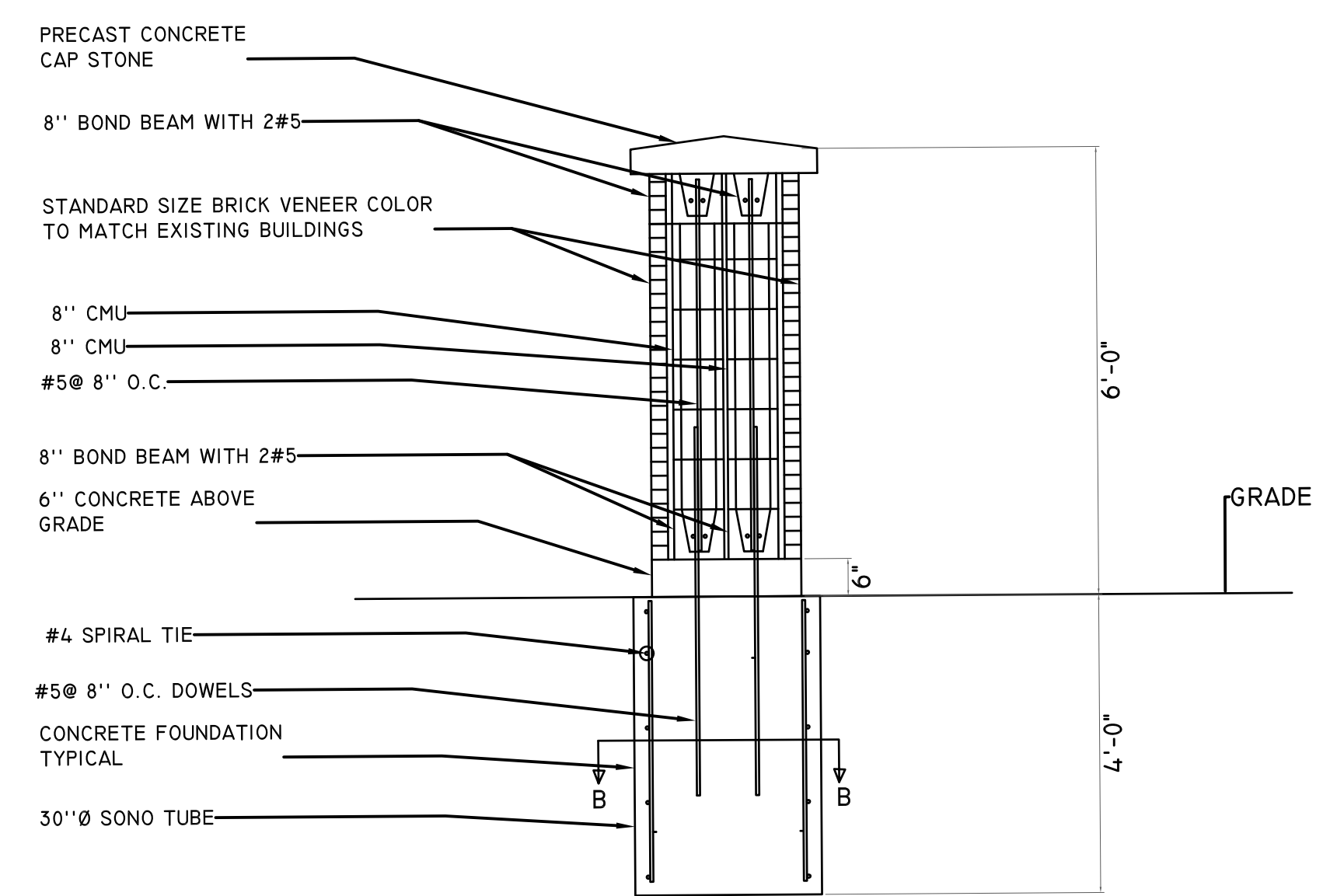
CONSTRUCTION DETAILS-I

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

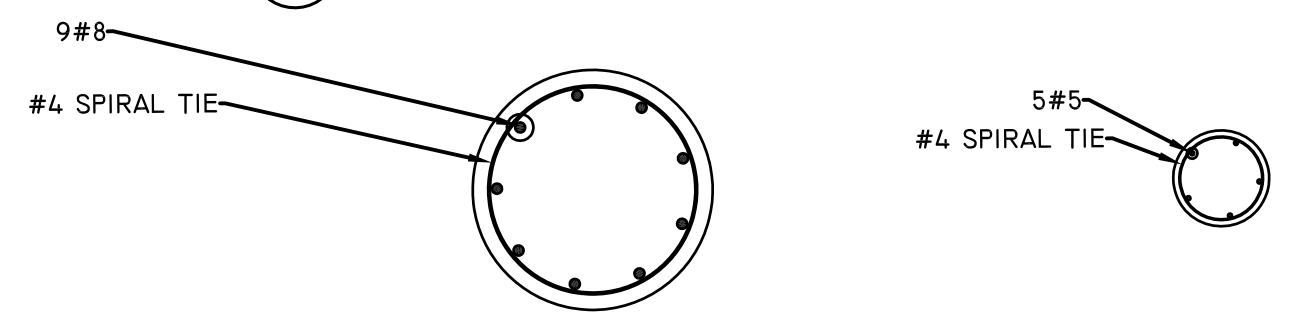
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FENCE TYPICAL PARTIAL ELEVATION  
SCALE: 1 1/2" = 1'



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

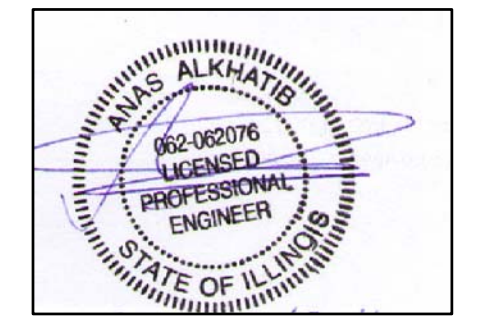


TYPICAL SECTION B-B  
SCALE: 1 1/2" = 1'

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

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CIVIL ENGINEER



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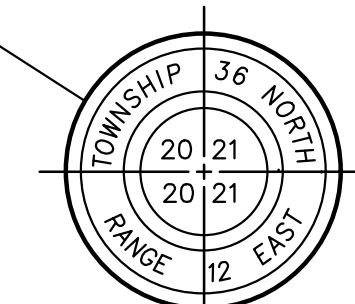
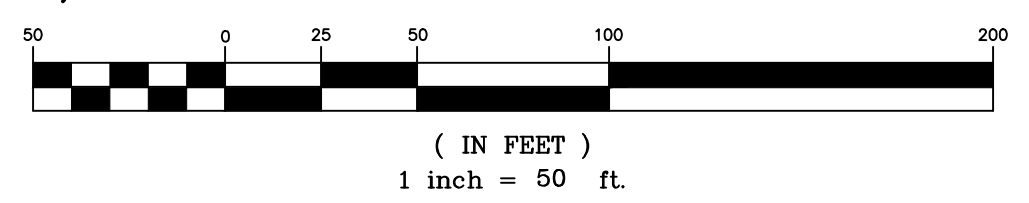
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# FINAL PLAT OF SUBDIVISION ORLAND PARK PRAYER CENTER SUBDIVISION NO. 2

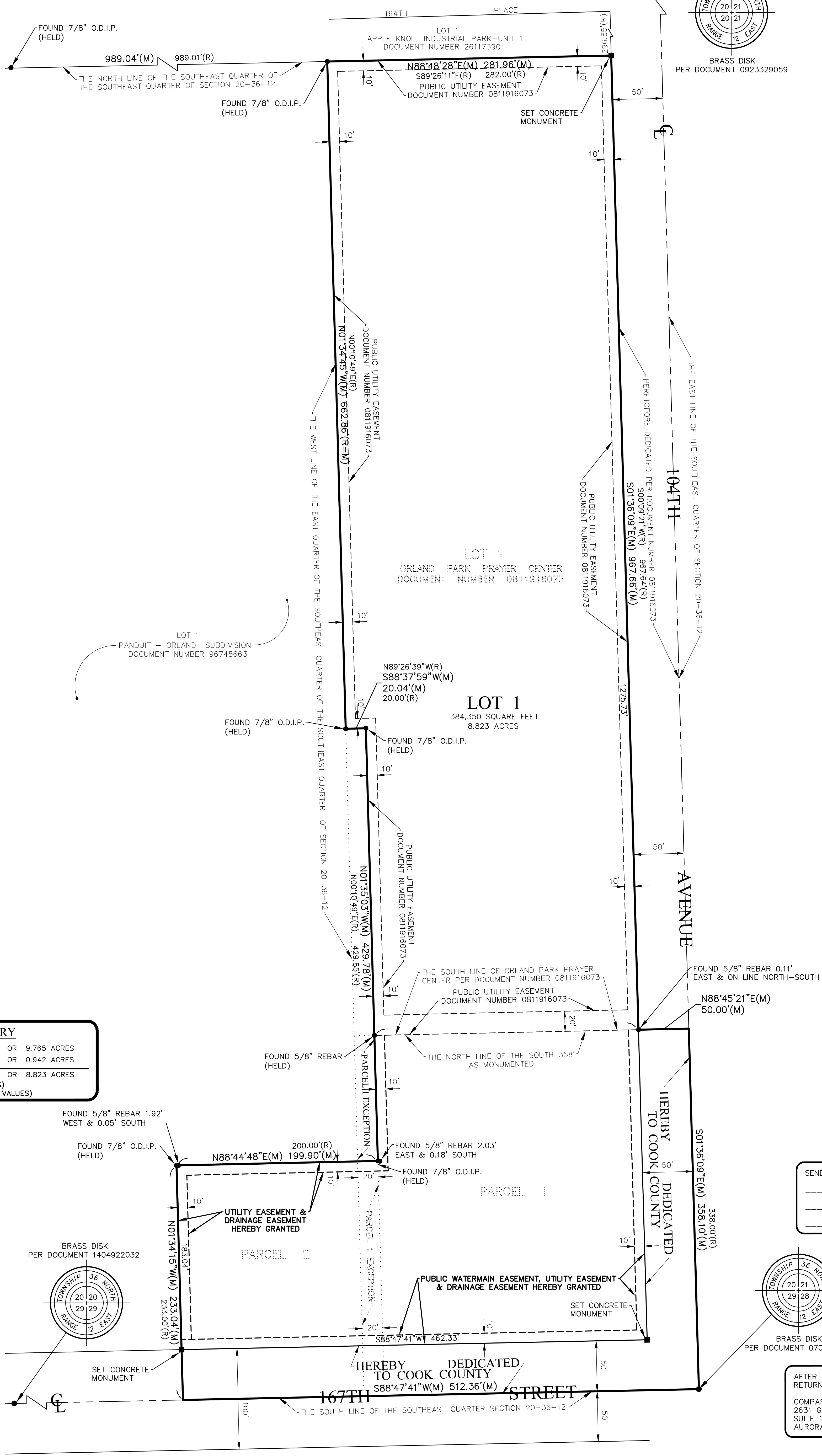
IN THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 20, TOWNSHIP 36 NORTH,  
RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, ILLINOIS

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



### AREA SUMMARY

|                   |                            |    |             |
|-------------------|----------------------------|----|-------------|
| GROSS             | 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) |    |             |

### LEGEND

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

### LINE LEGEND

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

### ABBREVIATIONS

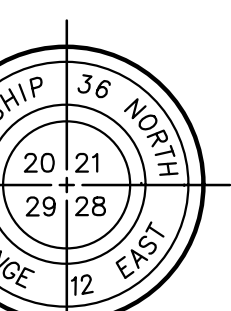
- O.D.I.P. = OUTSIDE DIAMETER IRON PIPE
- (R) = RECORD BEARING OR DISTANCE
- (M) = MEASURED BEARING OR DISTANCE
- (C) = CALCULATED BEARING OR DISTANCE
- (D) = DEED BEARING OR DISTANCE
- B.S.L. = BUILDING SETBACK LINE
- U.E. = UTILITY EASEMENT
- D.E. = DRAINAGE EASEMENT
- P.U.E. = PUBLIC UTILITY EASEMENT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

SEND TAX BILL TO:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



BRASS DISK  
PER DOCUMENT 0706715042

AFTER RECORDING RETURN TO:

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

|  |  |  |  |  |  |
|--|--|--|--|--|--|
| <b>1 OF 2</b><br>SCALE: 1" = 50'<br>PROJ. NO.: 18.0043 | <b>COMPASS SURVEYING LTD.</b><br>ALTA SURVEYS • TOPOGRAPHY • CONSTRUCTION STAKING<br>2631 GINGER WOODS PARKWAY, STE. 100<br>AURORA, IL 60502<br>PHONE: (630) 820-9100 FAX: (630) 820-7030 EMAIL: ADMIN@CLSURVEYING.COM | PROJECT<br><b>ORLAND PARK PRAYER CENTER SUBDIVISION NO. 2</b><br>16530 S. 104th Avenue<br>Orland Park, Illinois<br>CLIENT<br><b>BUKEMA LAW GROUP, LLC</b><br>15 Salt Creek Lane, Suite 103<br>Hinsdale, Illinois 60521 | DATE: 2-19-18 PC RWS DRAWN BY TFS CHECKED BY DW BOOK 404 PG 40 | NO. 1. REVISIONS PER EMAIL DATED 8-15-18 DATE 8-17-18 BY TFS |  |
|  |  |  |  |  |  |

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 )
)SS
COUNTY OF COOK )

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 )
)SS
COUNTY OF COOK )

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 ERRECTED 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 )
)SS
COUNTY OF KANE )

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

Table with project information, surveying details, and revision history. Includes logo for COMPASS SURVEYING LTD and BUIKEMA LAW GROUP, LLC.

# Orland Park Prayer Center

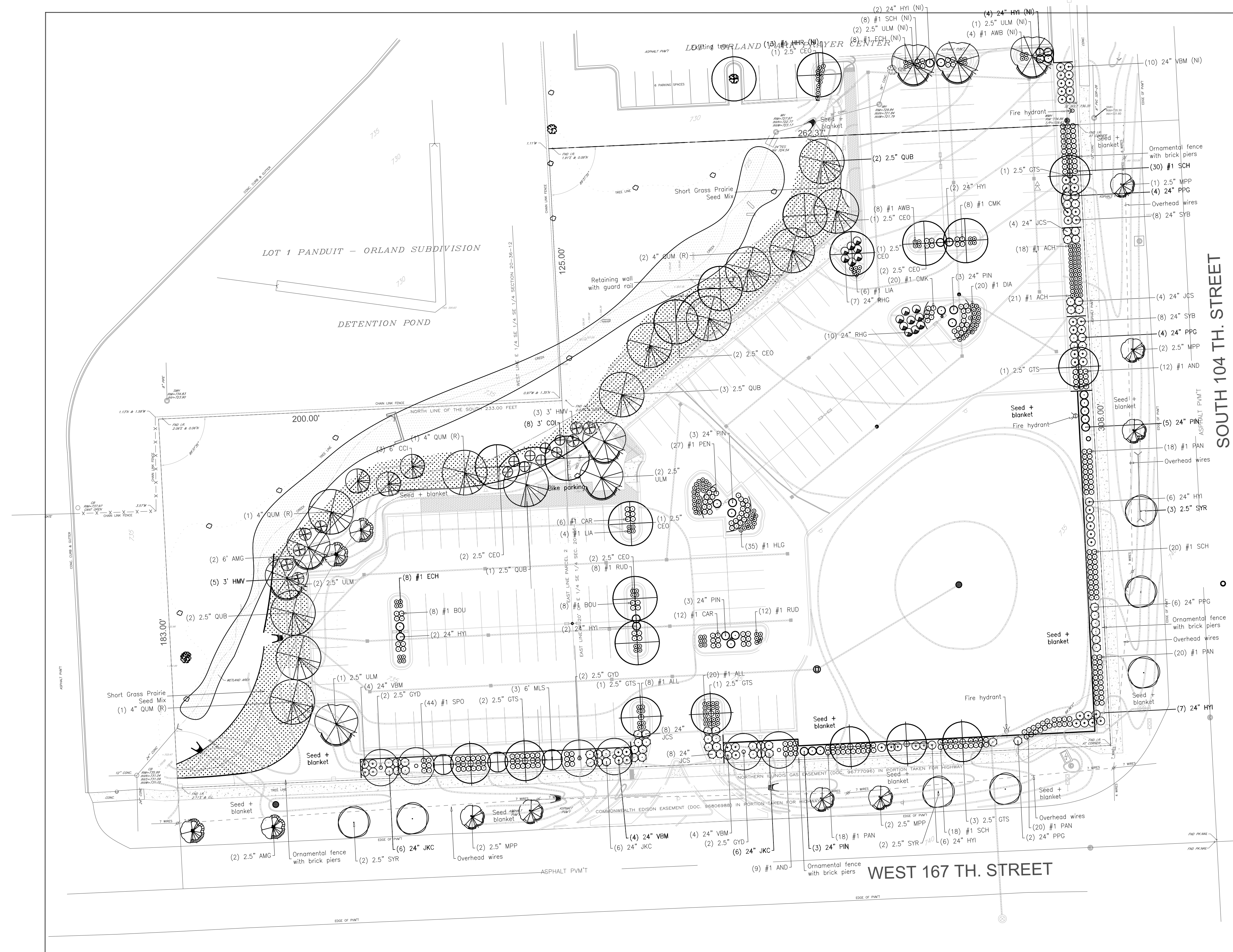
1630 South 104th Avenue  
Orland Park, Illinois

DAVID R. McCALLUM ASSOCIATES, INC.  
LANDSCAPE ARCHITECTS

352 N Milwaukee Avenue | Libertyville, Illinois 60148  
T 847.382.2239 | F 847.382.2294

**McCALLUM**  
ASSOCIATES

## Landscape Plan



### Plant List

| Shade Trees | Key | Qty. | Size | Botanical Name   | Common Name                   | Remarks    |
|-------------|-----|------|------|--|-------------------------------|------------|
| CEO         | 12  | 2.5' |      | <i>Delis occidentalis</i>                                  | Common Hackberry              | BB, (N)    |
| GTS         | 9   | 2.5' |      | <i>Gleditsia triacanthos</i> var. <i>inermis</i> 'Skyline' | Skyline Thornless Honeylocust | 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)       |
| CCI              | 3   | 6'   |      | <i>Crataegus crusgalli</i> var. <i>inermis</i>   | Thornless Cockspur Hawthorn    | BB/Clump, (NC) |
| MPS              | 3   | 6'   |      | <i>Malus sargentii</i>                           | Sargent Crabapple              | BB/Clump, (N)  |
| MPP              | 7   | 2.5' |      | <i>Malus 'Purple Prince'</i>                     | Purple Prince Crabapple        | BB             |
| SYR              | 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> 'Ivanti'                   | Ivanti 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            |
| JCC    | 18  | 24"  |      | <i>Juniperus chinensis</i> 'Molly's Compacta'    | Molly's Compact Juniper        | BB            |
| PN     | 17  | 24"  |      | <i>Pinus mugo</i> 'Enci'                         | Enci Mugo Pine                 | BB            |
| PFCS   | 16  | 24"  |      | <i>Picea pungens</i> 'Goboss'                    | Dwarf Globe Blue Spruce        | BB, (NC)      |
| BHG    | 16  | 24"  |      | <i>Rhus aromatica</i> 'Sora-Lisa'                | Orange-Low Fragrant Sumac      | BB, (NC)      |
| SYB    | 16  | 24"  |      | <i>Syringa Blooming Dark Purple</i>              | Blooming Dark Purple Lilac     | BB, (NC)      |
| VBM    | 22  | 24"  |      | <i>Viburnum dentatum</i> 'Cherston'              | Blue Muffin Arrowwood Viburnum | BB, (NC)      |

| Perennials | Key | Qty. | Size | Botanical Name                              | Common Name                | Remarks         |
|------------|-----|------|------|---|----------------------------|-----------------|
| ACH        | 39  | #1   |      | <i>Achillea '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 gratiopolitanus</i> 'Firewitch' | Firewitch Cheddar 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       |
| HRR        | 15  | #1   |      | <i>Hemerocallis 'Happy Returns'</i>         | Happy Returns Daylily      | Container       |
| LA         | 10  | #1   |      | <i>Liatris spicata</i> 'Kobold'             | Kobold 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 acutiflora</i> 'Karl Foerster' | Karl Foerster Grass      | Container       |
| PAN                | 76  | #1   |      | <i>Panicum virgatum</i>                         | Switch Grass             | Container, (N)  |
| PEN                | 27  | #1   |      | <i>Pennisetum alpestris</i> 'Hamel'             | Dwarf Fountain Grass     | Container       |
| SCH                | 76  | #1   |      | <i>Schizanthus lycopodium</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/damaged loaders, 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.            |
| 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 Parkway: PROVIDED PER HEY AND ASSOCIATES REVIEW, 04.26.18

| West 167th Street  | Required | Proposed                              |
|--------------------|----------|---------------------------------------|
| South 104th Street | 40' o.c. | 10' parkway trees<br>6' parkway trees |

### 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 | Shrubs | Ornamental grasses |
|-------------|--------|--------------------|
| 3           | 35     | 114                |

North Landscape Bufferyard - Not Applicable

West Landscape Bufferyard (50') - Type 1: ACCEPTABLE PER HEY AND ASSOCIATES REVIEW, 04.26.18

| Shade trees | Shrubs | Evergreen or ornamental trees        | Strees                            |
|-------------|--------|--------------------------------------|-----------------------------------|
| 15,24       | 5,08   | 19 shade trees + existing vegetation | 16 3' ht. shrubs + ex. vegetation |
| 81,26       |        | 5 ornamental trees + ex. vegetation  |                                   |

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

Foundation - Not Applicable

| Interior Trees | Required | Proposed       |
|----------------|----------|----------------|
|                | 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 | Proposed  |
|---------------------------------|----------|---|
| 134 parking spaces = 14 islands | 75%      | 14 shade trees<br>6 shade trees<br>(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./Acres | Total lbs./Acres |
|-----------------------|-------------------------------|-----------------|-----------|------------------|
|                       | <i>Andropogon scoparius</i>   | Little Bluestem | 240       |                  |
|                       | <i>Bouteloua curtipendula</i> | Side Oats Grass | 56        |                  |
|                       | <i>Elymus canadensis</i>      | Canada Wild Eye | 24        |                  |
| <b>Total Grasses:</b> |                               |                 | 320       | 20               |

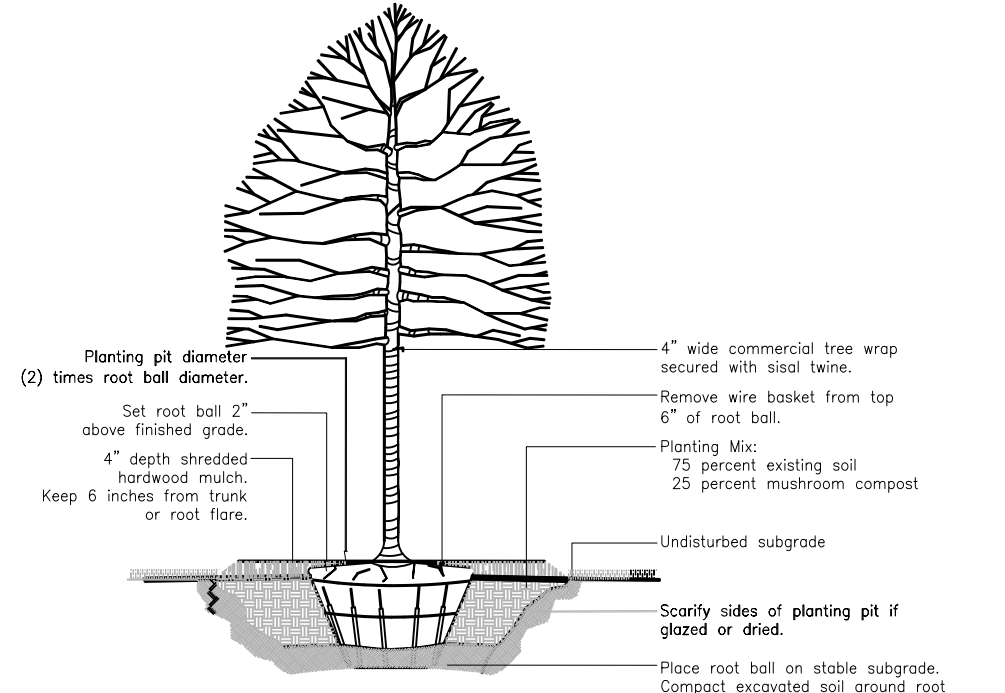
### Forbs

| Botanical Name                  | Common Name            | Oz./Acres | Total lbs./Acres |
|---------------------------------|------------------------|-----------|------------------|
| <i>Asclepias tuberosa</i>       | Butterfly Milkweed     | 16        |                  |
| <i>Carex palmata</i>            | Prairie Carex          | 6         |                  |
| <i>Beta vulgaris</i>            | Purple Prairie Clover  | 6         |                  |
| <i>Echinacea pallida</i>        | Pale Purple Coneflower | 16        |                  |
| <i>Echinacea purpurea</i>       | Purple Coneflower      | 16        |                  |
| <i>Penstemon digitalis</i>      | Foxglove Beard Tongue  | 4         |                  |
| <i>Physostegia virginiana</i>   | Obsidian Plant         | 3         |                  |
| <i>Rudbeckia hirta</i>          | Black-Eyed Susan       | 4         |                  |
| <i>Tradescantia ohiensis</i>    | Spiderwort             | 9         |                  |
| <b>Total Forbs:</b>             |                        | 80        | 5                |
| <b>Total Grasses and Forbs:</b> |                        | 400       | 25               |

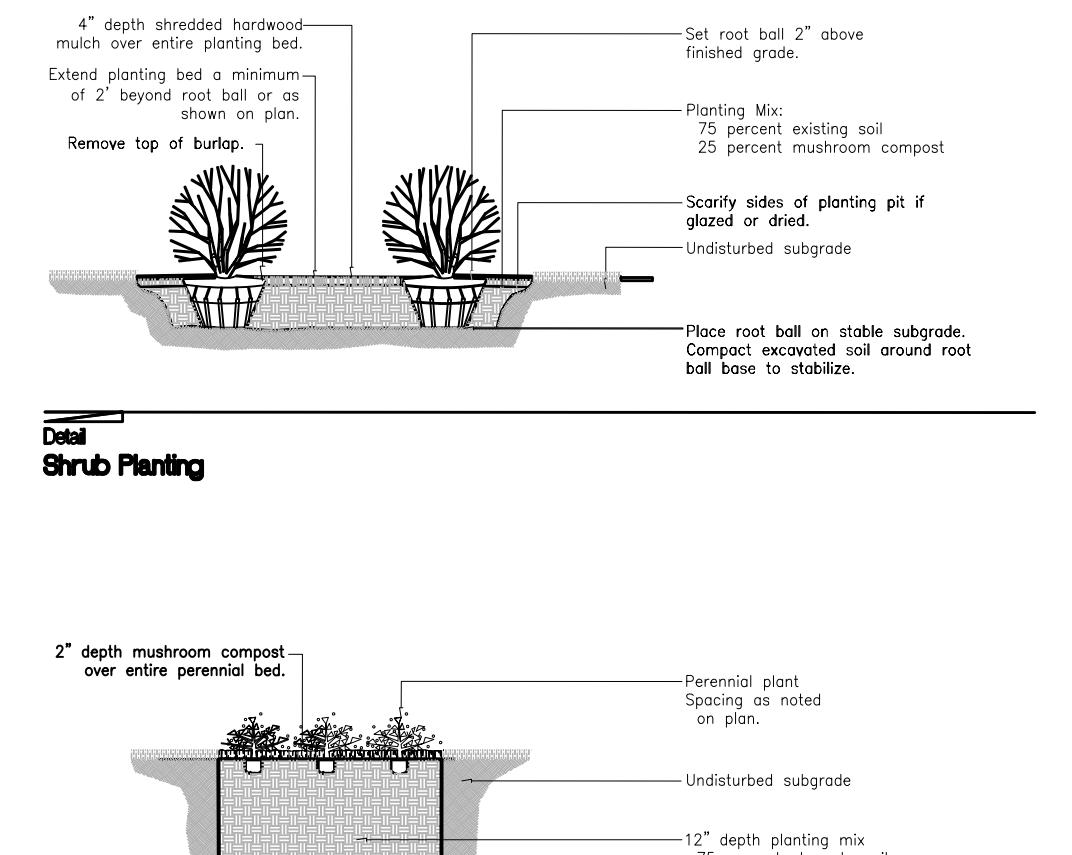
### Temporary Cover Crop

| Botanical Name      | Common Name | Oz./Acres | Total lbs./Acres |
|---------------------|-------------|-----------|------------------|
| <i>Avena sativa</i> | Common Oats | 320       | 20               |

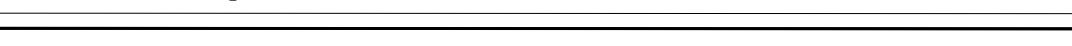
Applied at the rate of 25 lbs. per acre. | Cover with NAG S75BN Erosion Control Blanket (biodegradable).



### Detail Deciduous Tree Planting

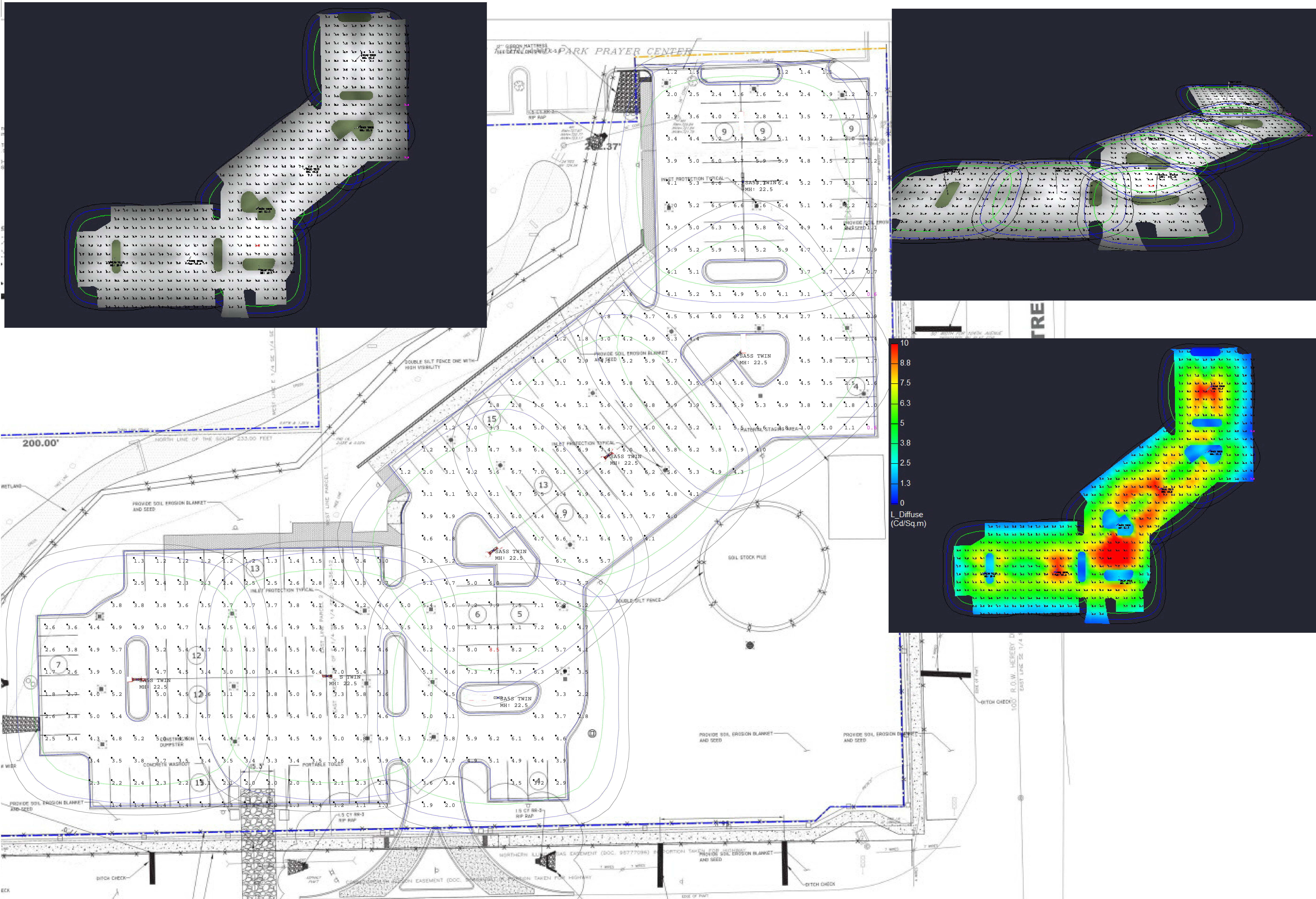


### Detail Perennial Planting



| PER VILLAGE COMMENTS | 08.27.20                                |
|----------------------|---|
| 4                    | Site Lighting   Village Review 02.16.19 |
| 3                    | Per Village Comments 10.17.18           |
| 2                    | Per Village Comments 07.29.18           |
| 1                    | 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   |

| # | Date | Comments |
|---|------|----------|
|   |      |          |
|   |      |          |

Drawn By: RAR, MIES  
 Checked By:  
 Date: 6/2/2020  
 Scale: