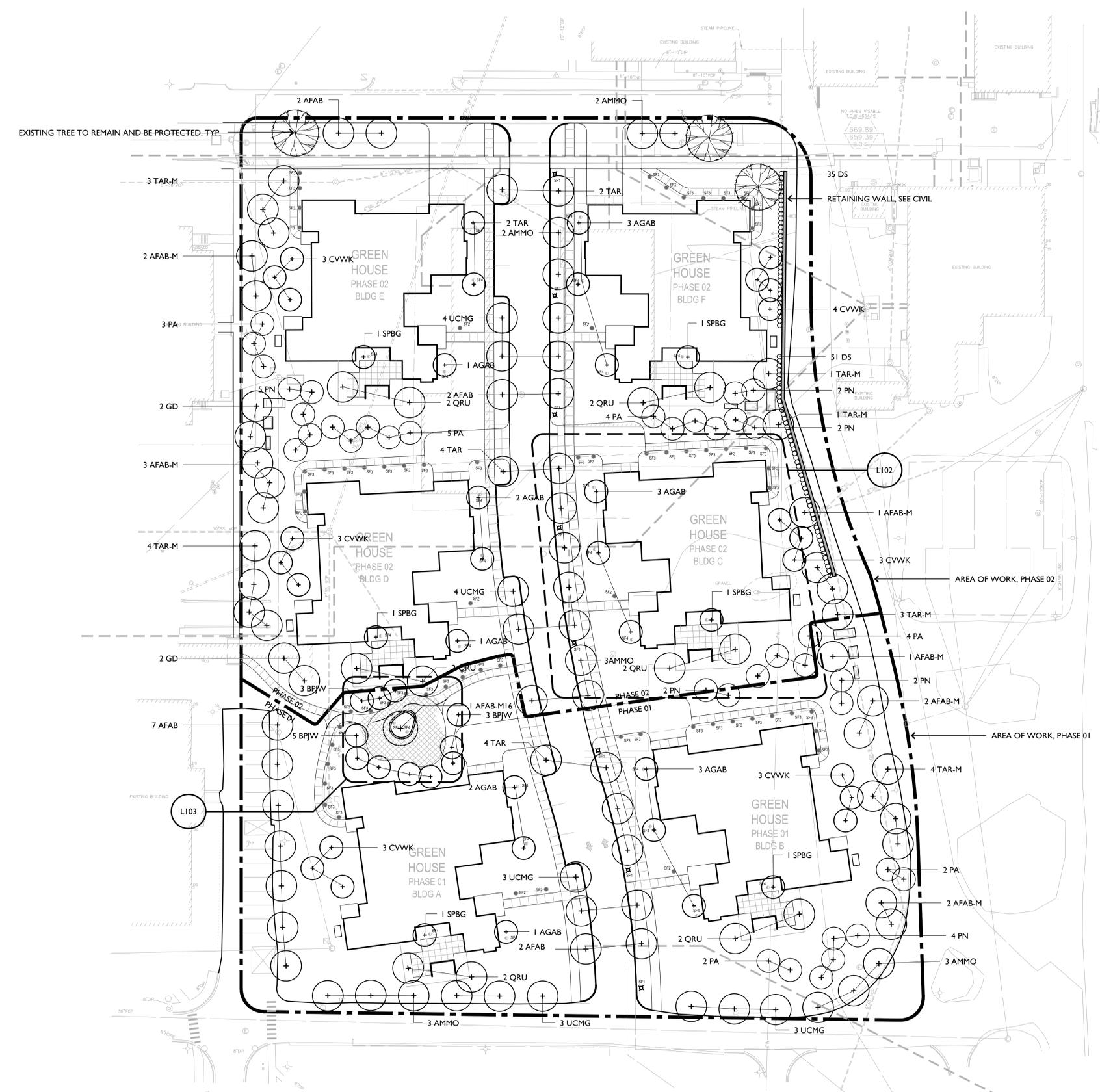


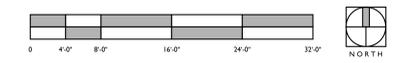
- NOTES:
- 1) ALL LANDSCAPE AREAS TO BE SEEDED LAWN UNLESS NOTED OTHERWISE
  - 2) ALL PERENNIAL AND SHRUB BEDS TO BE IRRIGATED



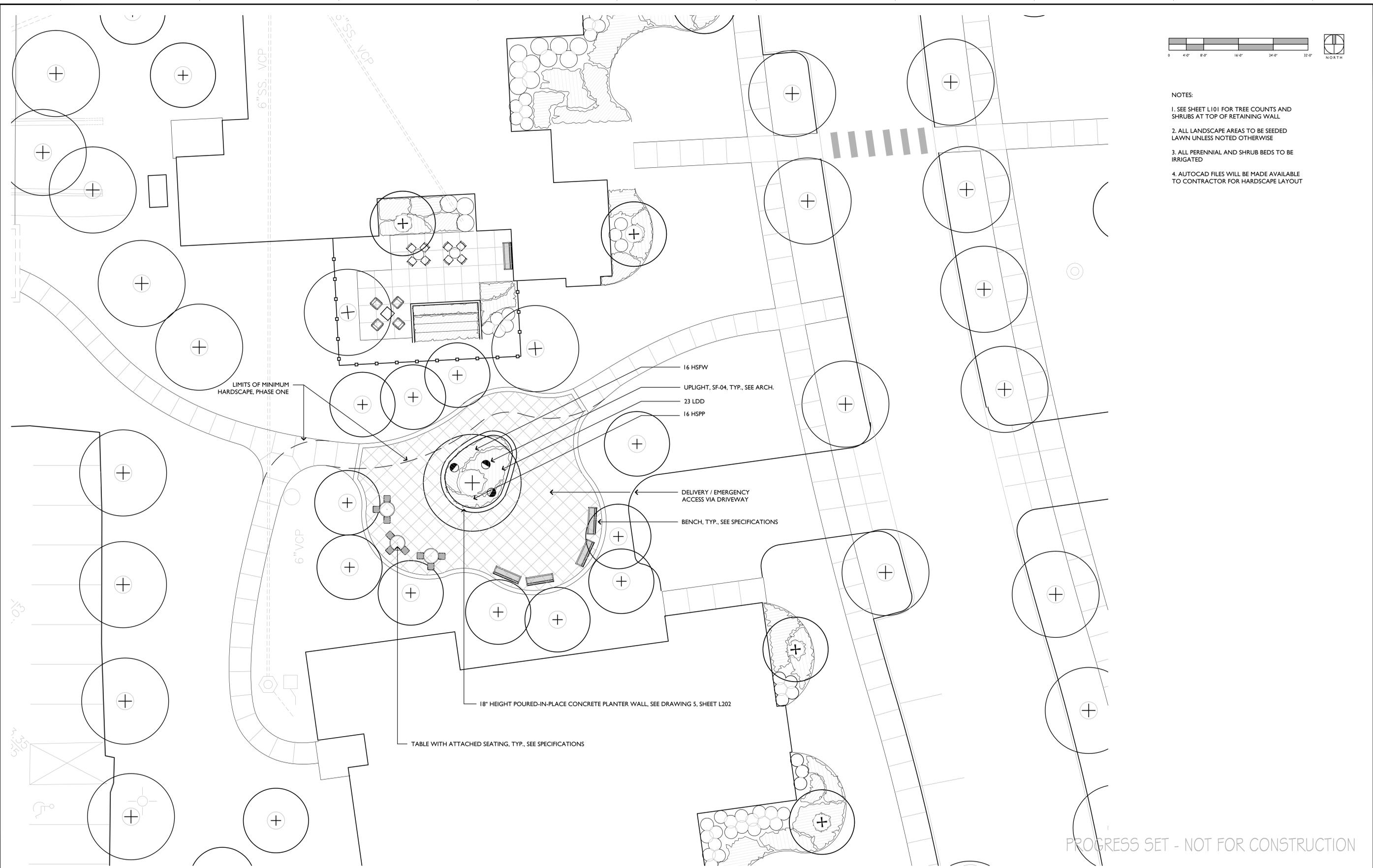
PROGRESS SET - NOT FOR CONSTRUCTION

<b>Revisions:</b> ISSUED FOR CONSTRUCTION 06.15.2012 Bid Documents 100% 06.15.2011 Construction Documents 90% 05.20.2011 Design Development 04.13.2011		<b>Date:</b> 06.15.2012 06.15.2011 05.20.2011 04.13.2011		<b>CONSULTANTS:</b>		<b>ARCHITECT/ENGINEERS:</b> Architect: PERKINS EASTMAN ARCHITECTS PC 381 W. HUBBARD STREET SUITE 708 CHICAGO, IL 60654 PH 312.755.1200 FAX 312.755.1855 Civil: GEWALT HAMILTON ASSOCIATES, INC. 890 FOREST EDGE DRIVE VERNON HILLS, IL 60061 PH 847.478.9700 FAX 847.978.1071 Landscape: WOLFF LANDSCAPE ARCHITECTURE INC. 307 N. MICHIGAN AVENUE SUITE 601 CHICAGO, IL 60601 PH 312.552.5484 FAX 683.5487 Structural, MEPFP: HENEMAN ENGINEERING INC. 200 S. WACKER DRIVE SUITE 850 CHICAGO, IL 60606 PH 312.583.1400 FAX 583.1401		<b>Drawing Title:</b> <b>OVERALL SITE AND LANDSCAPE PLAN</b> Approved: Project Director		<b>Project Title:</b> Veterans Affairs North Chicago Medical Center Green House - Phase 02 <b>Location:</b> North Chicago, Illinois <b>Date:</b> 06/15/2012		<b>Project Number:</b> 556-304 <b>Building Number:</b>  <b>Drawing Number:</b> <b>L101</b> Dwg. of		<b>Office of Construction and Facilities Management</b> Department of Veterans Affairs	
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- NOTES:**
1. SEE SHEET L101 FOR TREE COUNTS AND SHRUBS AT TOP OF RETAINING WALL
  2. ALL LANDSCAPE AREAS TO BE SEEDED LAWN UNLESS NOTED OTHERWISE
  3. ALL PERENNIAL AND SHRUB BEDS TO BE IRRIGATED
  4. AUTOCAD FILES WILL BE MADE AVAILABLE TO CONTRACTOR FOR HARDSCAPE LAYOUT



PROGRESS SET - NOT FOR CONSTRUCTION

Revisions:	Date
ISSUED FOR CONSTRUCTION	06.15.2012
Bid Documents 100%	06.15.2011
Construction Documents 90%	05.20.2011
Design Development	04.13.2011

**CONSULTANTS:**

**ARCHITECT/ENGINEERS:**

<b>Architect:</b> PERKINS EASTMAN ARCHITECTS PC 381 W. HUBBARD STREET SUITE 708 CHICAGO, IL 60654 PE PROJECT NO. 098260 PH 312.755.1200 FAX 755.185	<b>Civil:</b> GEWALT HAMILTON ASSOCIATES, INC. 890 FOREST EDGE DRIVE VERNON HILLS, IL 60061 PH 847.478.9700 FAX 478.9701	<b>Landscape:</b> WOLFF LANDSCAPE ARCHITECTURE INC 307 N. MICHIGAN AVENUE SUITE 601 CHICAGO, IL 60601 PH 312.552.5484 FAX 683.5487	<b>Structural, MEPFP:</b> HENNEMAN ENGINEERING INC 200 S. WACKER DRIVE SUITE 850 CHICAGO, IL 60606 PH 312.583.1400 FAX 583.1401
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**Drawing Title** ENLARGED LANDSCAPE PLAN - COMMUNITY GATHERING SPACE

**Approved:** Project Director

**Project Title** Veterans Affairs North Chicago Medical Center Green House - Phase 02

**Location** North Chicago, Illinois

**Date** 06/15/2012

**Checked**

**Drawn**

**Project Number** 556-304

**Building Number**

**Drawing Number** L103

**Dwg. of**

**Office of Construction and Facilities Management**

**Department of Veterans Affairs**

	CODE	BOTANICAL NAME	COMMON NAME	QTY	CAL	HT	SPRD	ROOT	REMARKS	
TREES	AFAB	ACER X FREEMANII 'AUTUMN BLAZE'	AUTUMN BLAZE MAPLE	13	4"	-	-	B&B	SINGLE STRAIGHT TRUNK, SPECIMEN QUALITY	
	AFAB-M	ACER X FREEMANII 'AUTUMN BLAZE'	AUTUMN BLAZE MAPLE	11	-	12"	-	B&B	MULTI-STEM TRUNK, SPECIMEN QUALITY	
	AFAB-M16	ACER X FREEMANII 'AUTUMN BLAZE'	AUTUMN BLAZE MAPLE	1	-	16"	-	B&B	MULTI-STEM TRUNK, SPECIMEN QUALITY	
	AGAB	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE APPLE SERVICEBERRY	16	-	8"	-	B&B	MULTI-STEM, 5 STEMS MINIMUM	
	AMMO	ACER MIYABEI 'MORTON'	STATE STREET MAPLE	13	4"	-	-	B&B	SINGLE STRAIGHT TRUNK, SPECIMEN QUALITY	
	BPJW	BETULA PLATYPHYLLA VAR. JAPONICA 'WHITESPIRE'	WHITESPIRE JAPANESE WHITE BIRCH	11	-	12"	-	B&B	MULTI-STEM, 7 STEMS MINIMUM OR SINGLE STRAIGHT TRUNK	
	CVWK	CRATAEGUS VIRIDIS 'WINTER KING'	WINTER KING GREEN HAWTHORN	19	-	8"	-	B&B	MULTI-STEM, 5 STEMS MINIMUM	
	GD	GYMNOCLADUS DIOICUS	KENTUCKY COFFEETREE	4	4"	-	-	B&B	SINGLE STRAIGHT TRUNK, SPECIMEN QUALITY	
	PA	PICEA ABIES	NORWAY SPRUCE	20	-	8"	-	B&B	SINGLE STRAIGHT TRUNK, SPECIMEN QUALITY	
	PN	PINUS NIGRA	AUSTRIAN PINE	17	-	8"	-	B&B	SINGLE STRAIGHT TRUNK, SPECIMEN QUALITY	
	QRU	QUERCUS RUBRA	NORTHERN RED OAK	12	4"	-	-	B&B	SINGLE STRAIGHT TRUNK, SPECIMEN QUALITY	
	SPBG	SYRINGA PEKINENSIS 'ZHANG ZHEMING'	BEIJING GOLD PEKING TREE LILAC	6	-	8"	-	B&B	MULTI-STEM, 5 STEMS MINIMUM (HINSDALE NURSERY)	
	TAR	TILIA AMERICANA 'REDMOND'	REDMOND AMERICAN LINDEN	12	4"	-	-	B&B	SINGLE STRAIGHT TRUNK, SPECIMEN QUALITY	
	TAR-M	TILIA AMERICANA 'REDMOND'	REDMOND AMERICAN LINDEN	16	-	12"	-	B&B	MULTI-STEM TRUNK, SPECIMEN QUALITY	
	UCMG	ULMUS CARPINIFOLIA 'MORTON GLOSSY'	TRIUMPH ELM	17	4"	-	-	B&B	SINGLE STRAIGHT TRUNK, SPECIMEN QUALITY	
SHRUBS	DS	DIERVILLA SESSIFOLIA	SOUTHERN BUSH-HONEYSUCKLE	86	-	24"	-	#5	3'-0" ON CENTER	
	RRKO	ROSA X 'RED KNOCK OUT'	RED KNOCKOUT ROSE	60	-	-	24"	#3	4'-0" ON CENTER	
	SBT	SPIRAEA BETULIFOLIA 'TOR'	BIRCHLEAF SPIREA	72	-	24"	-	#5	3'-0" ON CENTER	
	SBAW	SPIREA BUMALDA 'ANTHONY WATERER'	ANTHONY WATERER SPIREA	42	-	-	24"	#5	3'-0" ON CENTER	
	SBGF	SPIREA BUMALDA 'GOLDFLAME'	GOLDFLAME SPIREA	30	-	-	24"	#5	3'-0" ON CENTER	
	SPMK	SYRINGA PATULA 'MISS KIM'	MISS KIM DWARF KOREAN LILAC	30	-	30"	-	B&B	4'-0" ON CENTER	
	THW	TAXUS X MEDIA 'WARDII'	WARDS YEW	96	-	-	30"	B&B	3'-0" ON CENTER	
	PERENNIALS, GRASSES, AND GROUNDCOVERS	EPM	ECHINACEA PURPUREA 'MAGNUS'	MAGNUS PURPLE CONEFLOWER	258	-	-	-	#1	1'-6" ON CENTER
		EFW	EUONYMUS FORTUNEI 'COLORATUS'	PURPLELEAF WINTERCREEPER	912	-	-	-	QT	1'-0" ON CENTER
		HSPFV	HOSTA SIEBOLDIANA 'FRANCES WILLIAMS'	FRANCES WILLIAMS SIEBOLDIANA HOSTA	358	-	-	-	#1	2'-0" ON CENTER
HSPD		HEMEROCALLIS SPECIES	DAYLILY	598	-	-	-	#1	1'-6" ON CENTER	
LDD		LIGULARIA DENTATA 'DESDEMONA'	BIGLEAF LIGULARIA	23	-	-	-	#2	2'-0" ON CENTER	
NF		NEPETA X FAASSENII	CATMINT	810	-	-	-	#1	1'-6" ON CENTER	
PAH		PENNISETUM ALOPICUROIDES 'HAMELIN'	HAMELIN DWARF FOUNTAINGRASS	96	-	-	-	#1	1'-6" ON CENTER	
RFG		RUDBECKIA FULGIDA 'GOLDSTURM'	BLACK EYED SUSAN	792	-	-	-	#1	1'-0" ON CENTER	
SH		SPOROBOLUS HETEROLEPIS	PRAIRIE DROPS EED	96	-	-	-	#1	1'-6" ON CENTER	

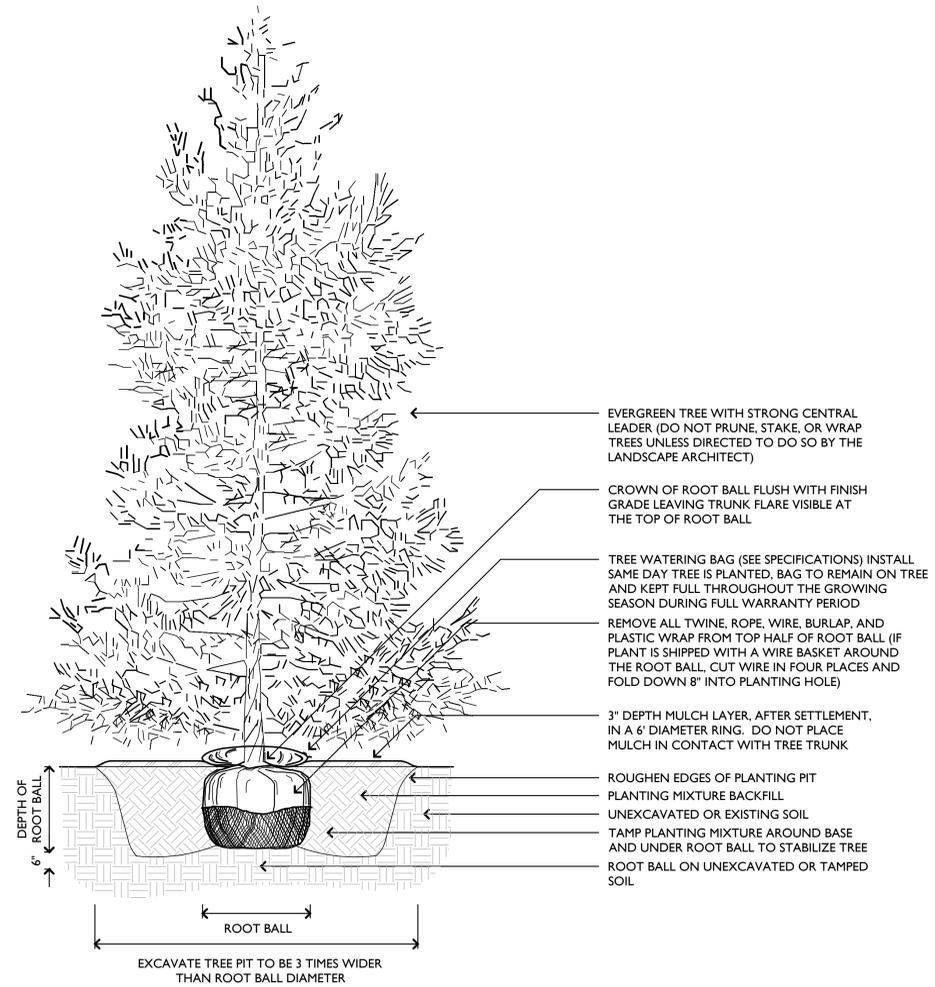
**PLANT LIST**

NOTE: QUANTITIES ON THE PLANT LIST ARE PROVIDED FOR INFORMATION ONLY. PLANT QUANTITIES UNDER THE CONTRACT ARE INDICATED ON THE PLANS. IN THE EVENT OF ANY DISCREPANCIES, THE CONTRACT SHALL BE BASED ON THE QUANTITIES SHOWN ON THE PLANS.

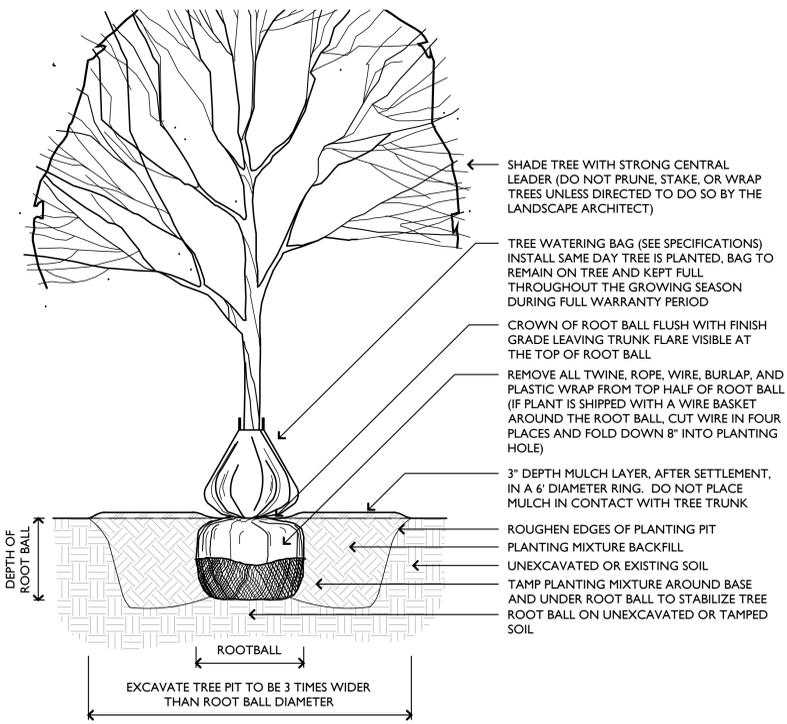
LANDSCAPE AREAS	DEPTH IN INCHES
LAWN AREAS (SOD)	6 TOPSOIL
LAWN AREAS (SEED)	6 TOPSOIL
PLANTING BEDS - GRASSES, PERENNIALS AND GROUNDCOVER	12 PLANTING MIX
PLANTING BEDS - MEDIUM AND SMALL SHRUBS	18 PLANTING MIX
RAISED PLANTERS	24 PLANTING MIX
SHADE AND ORNAMENTAL TREES	PER TREE INSTALLATION DETAIL

**2 SOIL DEPTH CHART**

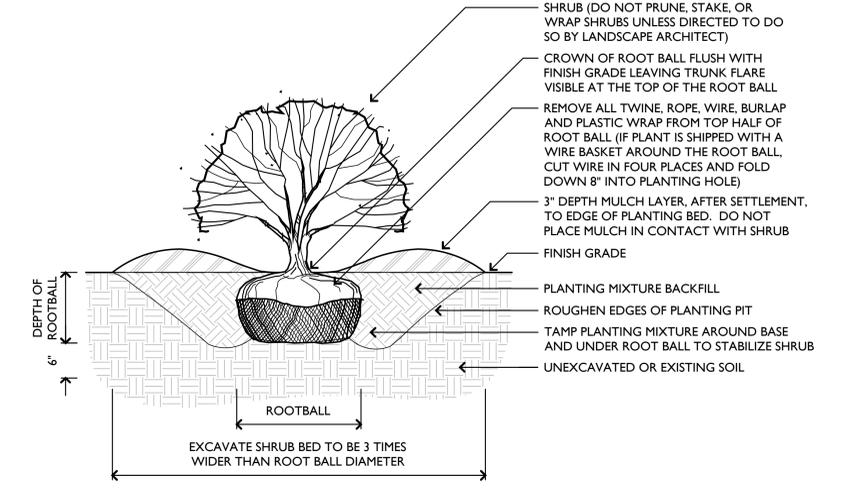
NOTE: THE CONTRACTOR IS TO SUPPLY SOIL FILL MATERIAL TO THE DEPTHS INDICATED ON THE CHART ABOVE



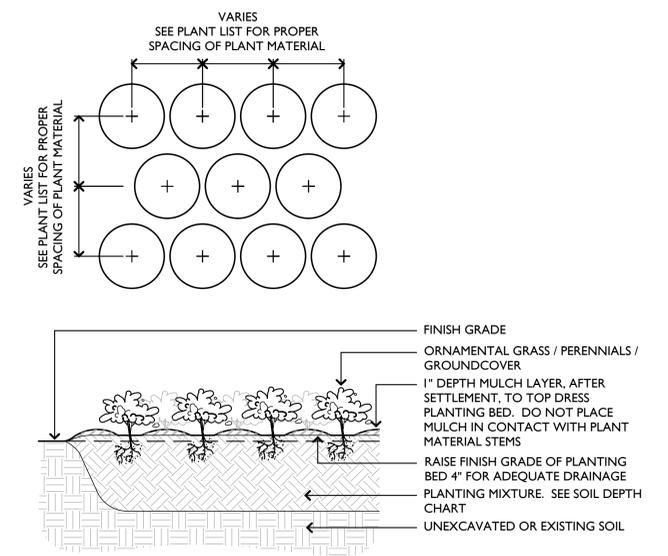
**3 EVERGREEN TREE PLANTING DETAIL**  
SCALE: 1/2"=1'-0"



**4 DECIDUOUS TREE PLANTING DETAIL**  
SCALE: 1/2"=1'-0"



**5 SHRUB PLANTING DETAIL**  
SCALE: 1"=1'-0"

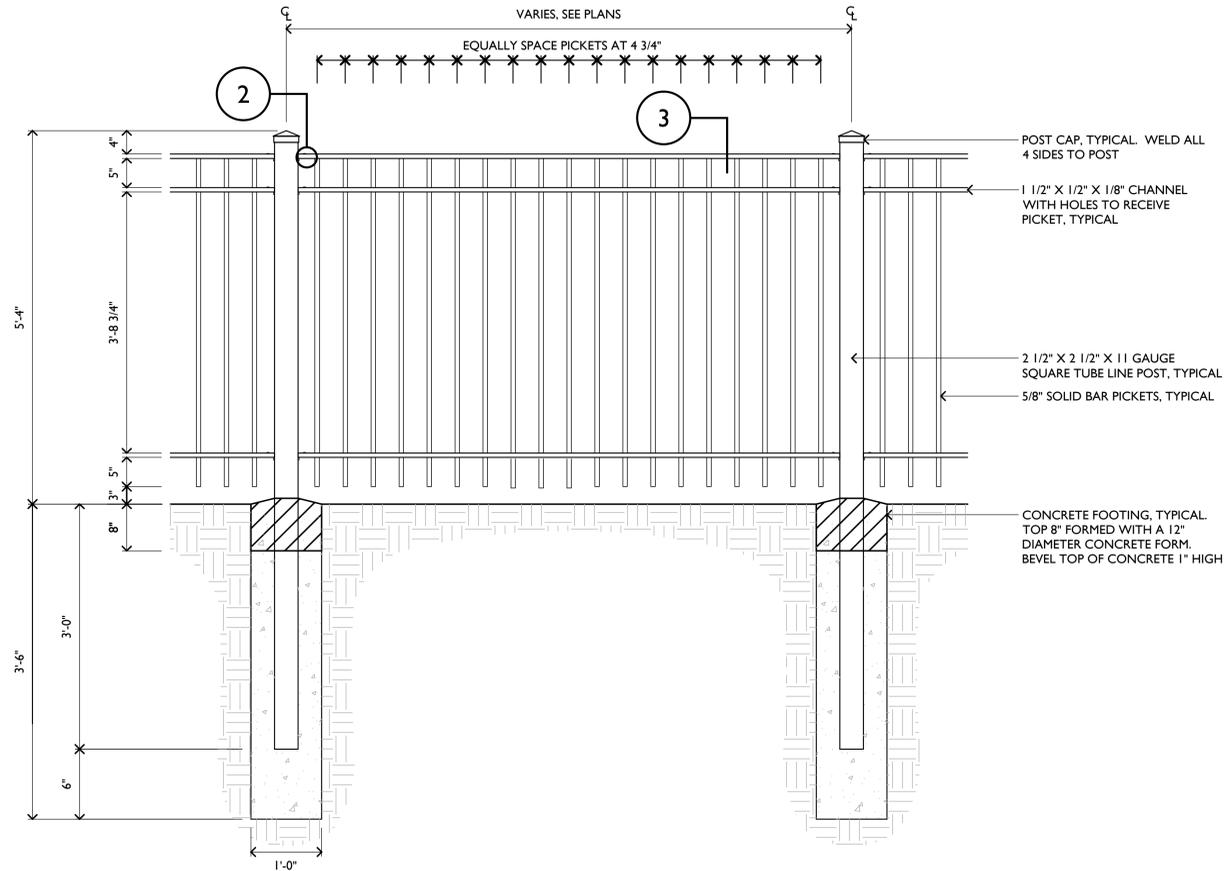


**6 PERENNIAL PLANTING DETAIL**  
SCALE: 1"=1'-0"

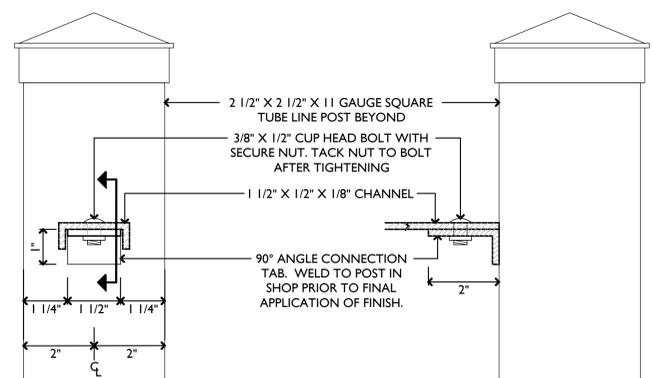
- GENERAL LANDSCAPE NOTES:
- THE PLANT LIST IS PROVIDED FOR INFORMATION ONLY. PLANT QUANTITIES UNDER THE CONTRACT ARE INDICATED ON THE PLANS. IN THE EVENT OF ANY DISCREPANCIES, THE CONTRACT SHALL BE BASED ON THE QUANTITIES SHOWN ON THE PLANS.
  - CONTRACTOR MUST REPAIR ALL SIDEWALKS, CURBS AND GUTTERS, AND ALLEYS TO THEIR ORIGINAL FORM IF DAMAGE OCCURS DURING CONSTRUCTION.
  - CONTRACTOR TO PROVIDE TEST OF EXISTING AND IMPORTED SOILS.
  - ALL PLANTING SOILS MUST BE AMENDED TO MEET THE FOLLOWING REQUIREMENTS:
    - A. 45-77% - SILT
    - B. 0-25% - CLAY
    - C. 25-33% - SAND
    - D. 3-5% - ORGANIC CONTENT
    - E. PH BETWEEN 6.0 - 7.0
  - CONTRACTOR TO PROVIDE A PLAN OF TYPES AND EXTENT OF SOIL MODIFICATION.
  - CONTRACTOR TO PROVIDE SOIL PERCOLATION TESTS.
  - CONTRACTOR TO PROVIDE MECHANICAL SUBSURFACE DRAINAGE AS REQUIRED IN AREAS WITH PERCOLATION RATES LESS THAN 0.5"/HR. CONNECTIONS FROM SUBSURFACE DRAIN PIPES SHALL BE TO APPROVED STORM SEWER CONNECTIONS ONLY.
  - ALL EXISTING PARKWAY TREES TO BE PRUNED TO MEET NATIONAL ARBORIST ASSOCIATION (NAA) CLASS A STANDARDS.
  - ALL TREES TO BE BRANCHED A MINIMUM OF 7'-0" HEIGHT FROM GRADE.
  - ALL EXISTING SOD PARKWAYS TO BE RE-SODDED AS REQUIRED.
  - ALL EXISTING PARKWAY TREES ARE TO BE RE-MULCHED.

PROGRESS SET - NOT FOR CONSTRUCTION

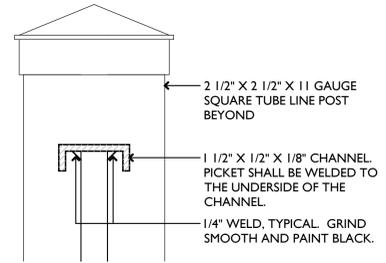
<p>Revisions:</p> <table border="1"> <thead> <tr> <th>Revisions</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>ISSUED FOR CONSTRUCTION</td> <td>06.15.2012</td> </tr> <tr> <td>Bid Documents 100%</td> <td>06.15.2011</td> </tr> <tr> <td>Construction Documents 90%</td> <td>05.20.2011</td> </tr> <tr> <td>Design Development</td> <td>04.13.2011</td> </tr> </tbody> </table>	Revisions	Date	ISSUED FOR CONSTRUCTION	06.15.2012	Bid Documents 100%	06.15.2011	Construction Documents 90%	05.20.2011	Design Development	04.13.2011	<p>CONSULTANTS:</p>	<p>ARCHITECT/ENGINEERS:</p> <table border="1"> <tr> <td> <p>Architect:</p> <p>PERKINS EASTMAN ARCHITECTS PC 381 W. HARRARD STREET SUITE 708 CHICAGO, IL 60654 PE PROJECT NO. 080820</p> </td> <td> <p>Civil:</p> <p>GEWALT HAMILTON ASSOCIATES, INC. 890 FOREST EDGE DRIVE VENON HILLS, IL 60061</p> </td> <td> <p>Landscape:</p> <p>WOLFF LANDSCAPE ARCHITECTURE INC 307 N. MICHIGAN AVENUE SUITE 601 CHICAGO, IL 60601</p> </td> <td> <p>Structural, MEPFP:</p> <p>HENNEMAN ENGINEERING INC 200 S. WACKER DRIVE SUITE 850 CHICAGO, IL 60606</p> </td> </tr> <tr> <td>PH 312.755.1200 FAX 755.185</td> <td>PH 847.478.9700 FAX 478.9701</td> <td>PH 312.552.5484 FAX 683.5487</td> <td>PH 312.583.1400 FAX 583.1401</td> </tr> </table>	<p>Architect:</p> <p>PERKINS EASTMAN ARCHITECTS PC 381 W. HARRARD STREET SUITE 708 CHICAGO, IL 60654 PE PROJECT NO. 080820</p>	<p>Civil:</p> <p>GEWALT HAMILTON ASSOCIATES, INC. 890 FOREST EDGE DRIVE VENON HILLS, IL 60061</p>	<p>Landscape:</p> <p>WOLFF LANDSCAPE ARCHITECTURE INC 307 N. MICHIGAN AVENUE SUITE 601 CHICAGO, IL 60601</p>	<p>Structural, MEPFP:</p> <p>HENNEMAN ENGINEERING INC 200 S. WACKER DRIVE SUITE 850 CHICAGO, IL 60606</p>	PH 312.755.1200 FAX 755.185	PH 847.478.9700 FAX 478.9701	PH 312.552.5484 FAX 683.5487	PH 312.583.1400 FAX 583.1401	<p>Drawing Title</p> <p><b>PLANT LIST AND DETAILS</b></p> <p>Approved: Project Director</p>	<p>Project Title</p> <p>Veterans Affairs North Chicago Medical Center Green House - Phase 02</p> <p>Location</p> <p>North Chicago, Illinois</p> <p>Date</p> <p>06/15/2012</p> <p>Checked</p> <p>Drawn</p>	<p>Project Number</p> <p>556-304</p> <p>Building Number</p> <p>Drawing Number</p> <p><b>L201</b></p> <p>Dwg. of</p>	<p>Office of Construction and Facilities Management</p> <p>Department of Veterans Affairs</p>
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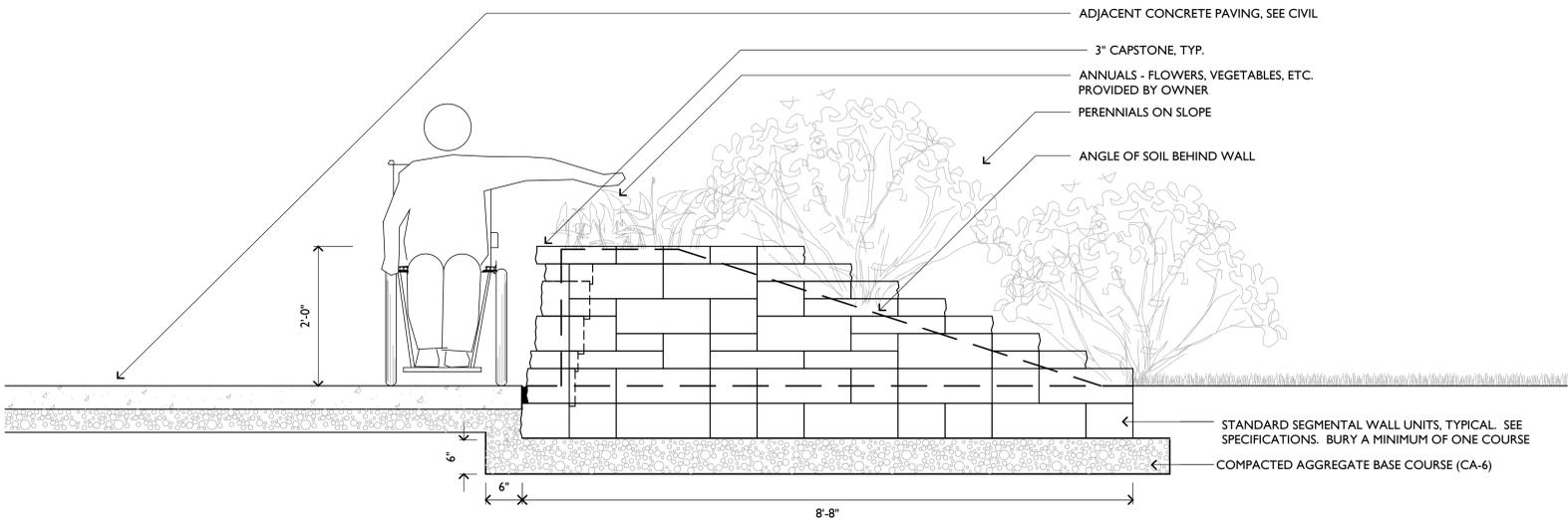
ORNAMENTAL METAL FENCE INSTALLATION DETAIL  
SCALE: 1"=1'-0"



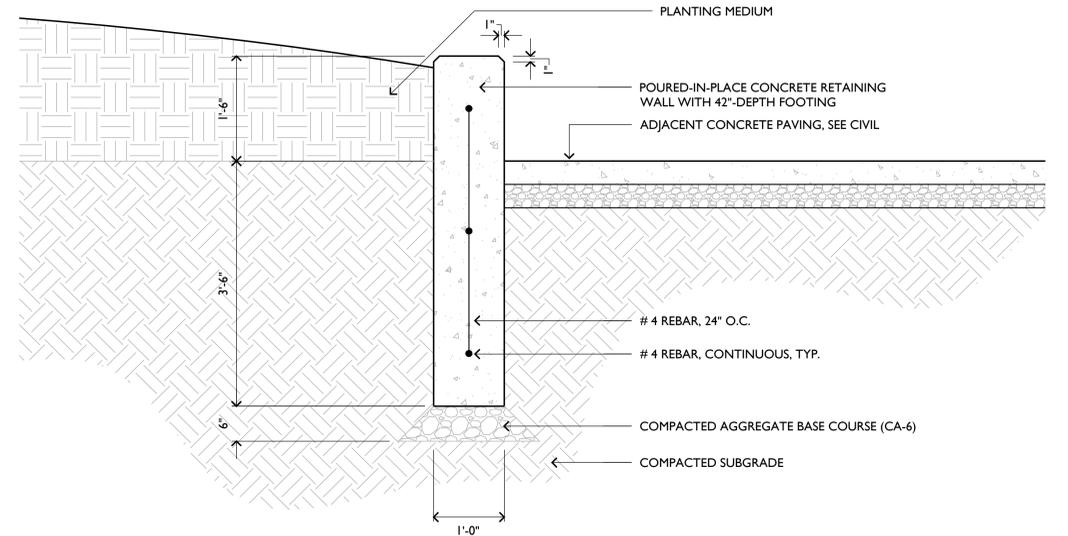
TYPICAL FENCE ATTACHMENT TO METAL POST DETAIL  
SCALE: 6"=1'-0"



TYPICAL SECTION, TOP CHANNEL AND PICKET  
SCALE: 6"=1'-0"



ACCESSIBLE PLANTING BED - ELEVATION  
SCALE: 1"=1'-0"



SECTION THROUGH RAISED CONCRETE PLANTER WALL  
SCALE: 1"=1'-0"

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ARCHITECT/ENGINEERS:

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PH 312.583.1400 FAX 583.1401

Drawing Title: SITE DETAILS

Approved: Project Director

Project Title: Veterans Affairs North Chicago Medical Center Green House - Phase 02

Location: North Chicago, Illinois

Date: 06/15/2012

Checked: [ ] Drawn: [ ]

Project Number: 556-304

Building Number: [ ]

Drawing Number: L202

Dwg. of: [ ]

Office of Construction and Facilities Management

Department of Veterans Affairs