

SUPPLEMENTAL INSTRUCTIONS #25

TO: Greg Duntz and Steve Haemmerle (NPI)

Navy Pier Inc

600 East Grand Avenue Chicago, IL 60611

TEL: 312 595 53 85

VIA: E-Mail

CC: Keith Johnston (McKissack&McKissack), Tom Conroy and Pavel Curins (JMCC), Brian Murphy

(NPI)

FROM: Eric Becker, James Corner Field Operations

ISSUE DATE: 04/15/2016

PROJECT: Chicago Navy Pier, Phase 1E (Projects G.1)

The Work shall be carried out in accordance with the following supplemental instructions issued in accordance with the Contract Documents without change in Contract Sum or Contract Time. Proceeding with the Work in accordance with these instructions indicates your acknowledgement that there will be no change in the Contract Sum or Time.

ATTACHEMENTS / DESCRIPTION:

Changes to the attached drawings for Package 1E (Projects G.1) have been made to reflect adjustments to the Plant Schedule as related to plant spacing and quantities.

1E Drawings

L-Series

- L-128 Updated Plant Schedules & Mixes
- L-360 Updated Plant Schedules & Mixes
- L-361 Updated Plant Schedules & Mixes
- L-362 Updated Plant Schedules & Mixes
- L-363 Updated Plant Schedules & Mixes
- L-364 Updated Plant Schedules & Mixes

Phase 1 Specifications

N/A

Issued By,

Eric Becker, James Corner Field Operations

TREE & LARGE SHRUB PLANTING SCHEDULE						
SYM	QTY	BOTANICAL NAME	COMMON NAME	SIZE / SPACING	NOTES	
SHADE TRI	EES					
AFM	8	Acer x freemanii 'Marmo'	Marmo Freeman Maple	10" cal., see plan	B&B, branch trimming. Canopy pruned to min. 9'-6" above finished grade, select trees for symmetry, consistency & straight formal trunks.	
TC	4	Tilia Cordata	Linden	10" cal., see plan	B&B	

TREE PLANTING NOTES:

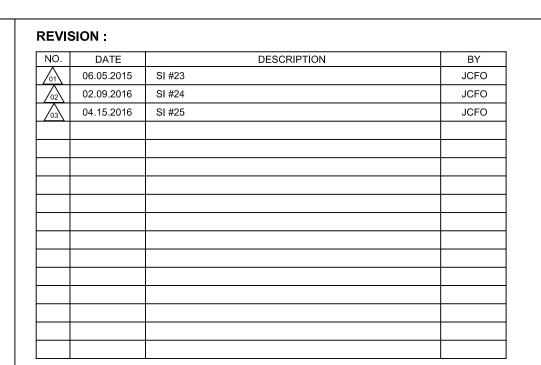
- 1. REFER TO G-101 FOR GENERAL NOTES
- 2. SEE CIVIL DRAWINGS FOR ALL SUB-SURFACE DRAINAGE ASSOCIATED WITH TREES.
- 3. PROTECT ALL TREES TO REMAIN WITH CLF ACCORDING TO SPECIFICATIONS
- 4. ALL LANDSCAPING MUST COMPLY WITH ALL LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS.
- 5. SEE IR-SERIES FOR HYDROZONES AND MOISTURE SENSORS.
- 6. ALL PERENNIALS, GRASSES, AND FERNS SHALL HAVE FULLY DEVELOPED ROOTS.



PLANT SCHEDULE



SYM	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACE
GRASS,	FERNS, PERE	NNIALS			
ANs	331	Anemone sylvestris	Snowdrop Anemone	1 Qt.	12" O.C.
ANh	452	Anemone × hybrida 'Honorine Jobert'	Windflower	1 Qt.	12" O.C.
AQa	220	Aquilegia alpina		1 Qt.	12" O.C.
ASca	2529	Asarum canadensis	Wild Ginger	1 Qt.	12" O.C.
ASi	183	Ascelpias incarnata	Swamp Milkweed	1 Qt.	12" O.C.
ASd	1265	Aster divaricatus	White Wood Aster	1 Qt.	12" O.C.
ASp	319	Astilbe chinensis 'Purpurkerze'		1 Qt.	12" O.C.
ASv	426	Astilbe 'vision in red'	Astilbe	1 Qt.	12" O.C.
BAau	818	Baptisia australis	Blue Wild Indigo	1 Qt.	12" O.C.
CAac	966	Calamagrostis × acutiflora 'Karl Foerster'		1 Qt.	12" O.C.
CAn	818	Calamintha nepeta subs. Nepeta		1 Qt.	12" O.C.
CPPC	41	Campanula punctata Pink Chimes	Spotted Bellflower	1 Qt.	12" O.C.
CAb		Carex bromoides	Broom sedge	Deep Plug	12" O.C.
CAf		Carex flacca	Blue sedge	1 Qt.	12" O.C.
САр	3835	Carex pensylvanica	Pennsylvania Sedge	Deep Plug	12" O.C.
CHg		Chelone glabra		1 Qt.	12" O.C.
DEg	_	Deschampsia 'Gold Tau'	Tufted Hairgrass	1 Qt.	12" O.C.
DRgo		Dryopteris goldiana	Goldies Woodfern	1 Qt.	12" O.C.
Flr		Filipendula rubra	Queen of the Prarie	1 Qt.	12" O.C.
GEan		Gentiana andrewsii	closed gentian	1 Qt.	12" O.C.
GEb		Geranium cinereum 'Ballerina'	olocca german	1 Qt.	12" O.C.
GEca		Geranium x cantabrigiense 'Biokovo'	Hardy Geranium	1 Qt.	12" O.C.
HEor		Helleborus orientalis	Hellebore	1 Qt.	12" O.C.
HEvi		Heuchera villosa 'autumn bride'	Autumn Bride Coral Bells	1 Qt.	12" O.C.
HEc		Heuchera villosa 'caramel'	Caramel Coral bells	1 Qt.	12" O.C.
HOsu		Hosta Sum and Substance	Hosta Sum and Substance	1 Qt.	12" O.C.
Jt	_	Juncus tenuis	Path Rush	1 Qt.	12" O.C.
LOsi		Lobelia siphiatica	Great Blue Lobelia	1 Qt.	12" O.C.
LYqu		Lysimachia quadriflora	Fourflower Yellow Loosestrife	1 Qt.	12" O.C.
OSc		Osmunda cinnamomea	Cinnamon Fern	1 Qt.	12" O.C.
PAvi		Panicum virgatum 'Northwind'		1 Qt.	12" O.C.
POa		Polysticium acrostichoides	Christmas Fern	1 Qt.	12" O.C.
SApe		Saxifrago Pensylvatica	Eastern swamp saxifrage	1 Qt.	12" O.C.
SCi	_	Scuttellaria incana	Skullcap	1 Qt.	12" O.C.
SMr		Smilacnina racemosa amplexicaulis	False Solomon's Seal	1 Qt.	12" O.C.
SPh		Sporobolus heterolepis	dropseed	1 Qt.	12" O.C.
THdi	_	Thalictrum diocum	<u> </u>	1 Qt.	12" O.C.
	_		Early Meadow Rue		
SYM	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACE
Bulbs					
ALap	7736	Allium atropurpureum	Flowering Onion	Bulb	2/sc
ALbu		Allium bulgaricum	Flowering Onion	Bulb	2/sc
ALtr		Allium tricoccim	Flowering Onion	Bulb	2/so
NAif	_	Narcissus Ice Follies	Narcissus Ice Follies	Bulb	2.5 /sc
1 47 41	10100	real olded door ollios	Transissas loc i oliles	Juin	2.075



KEY PLAN:



LEGEND:

STAMP:



LANDSCAPE ARCHITECT :

James Corner Field Operations 475 Tenth Ave, 10F New York, NY 10018

CONSULTANT TEAM : nArchitects

68 Jay Street, #317, Brooklyn, NY 11201

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Billings Jackson 100 Broadway, New York, NY 10005

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204 Fifth Avenue, New York NY 10010

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123 North Wacker Drive, Suite 900, Chicago, Illinois, 60606

Cline & Associates, Inc. 2413 W. Algonquin Road 431, Algonquin, Illinois 60102

Fluidity Design Consultants
3780 Wilshire Blvd Suite 230 Los Angeles CA 90010

Environmental Systems Design
175 West Jackson Boulevard, Suite 1400, Chicago, Illinois 60604

CLIENT:

Navy Pier, Inc. 600 East Grand Avenue, Chicago, IL 60611

PROJECT NAME

CHICAGO NAVY PIER, 1E

DESCRIPTION	100% CD

DRAWN KK CHECKED SWA

DATE 11.01.2013 SCALE AS NOTED

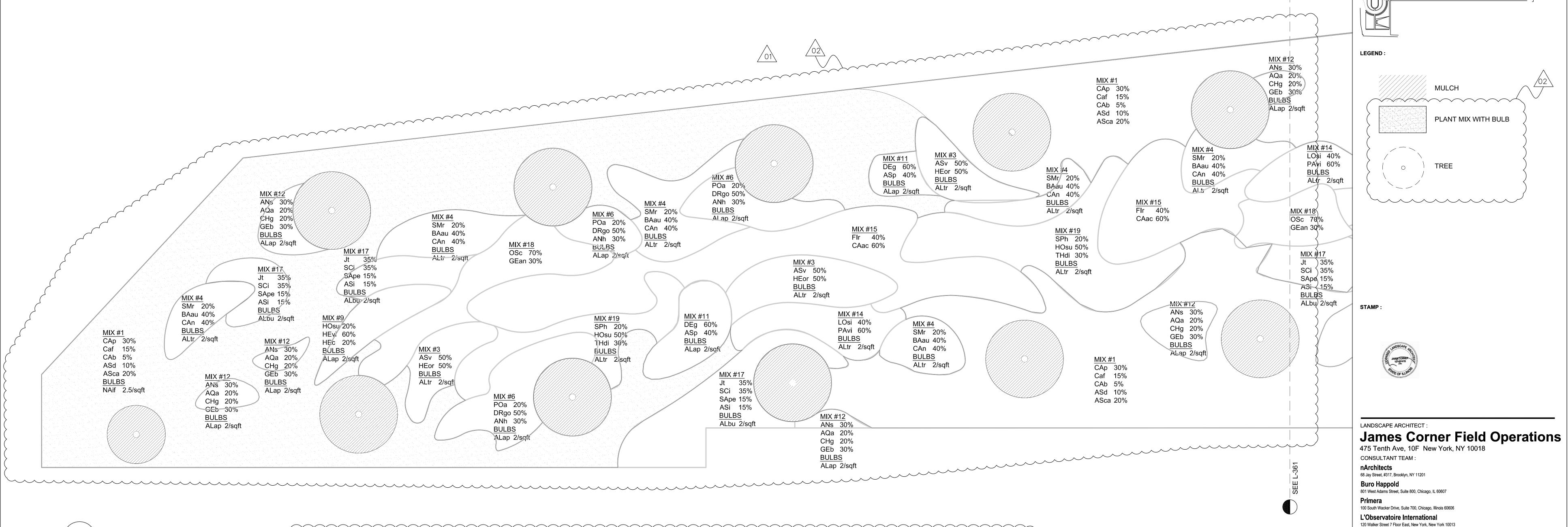
PLANT SCHEDULE

DRAWING NO.

Operations.

L-128

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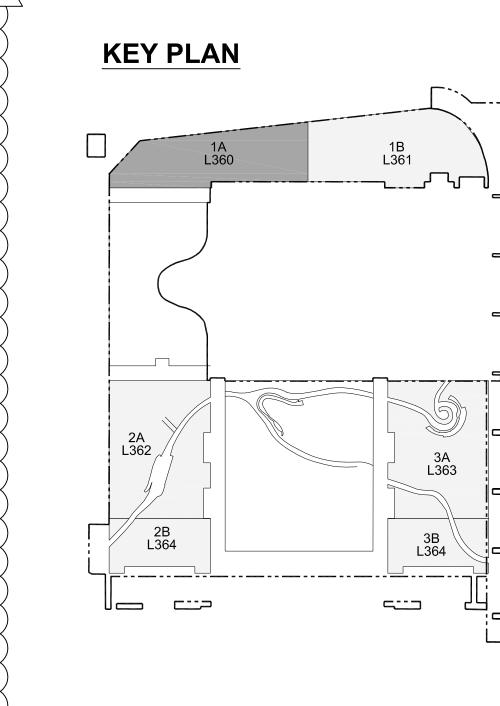
GATEWAY PLANTING PLAN SCALE 1/4"=1"



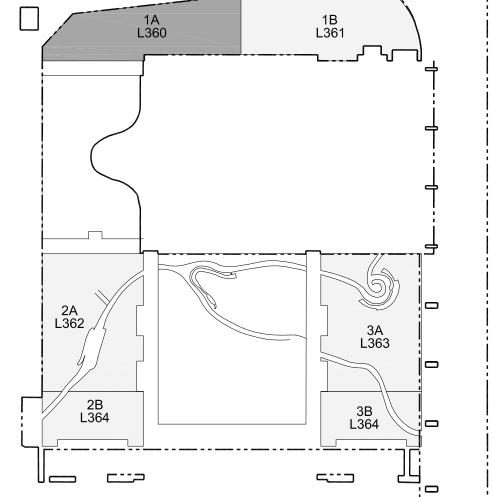
	\leftarrow	SYM	BOTANICAL NAME/ COMMON NAM
\wedge	\rangle	MIX 1	
01\	(ASca	Asarum canadense / Canadian V
<u> </u>	<i>\</i>	ASd	Aster divaricatus / White Wood A
,		CAb	Carex bromoides / Brome-like Se
	(CAf	Carex flacca / Blue Sedge
\	>	САр	Carex pensylvanica / Pennsylvar
2		NAif	Narcissus x`lce Follies` / lce Foll
\sim	(
\	\rangle	MIX 2	
· \		CPPC	Campanula punctata `Pink Chime
	(CAp	Carex pensylvanica / Pennsylvar
	\rangle	GEca	Geranium x cantabrigiense `Biok
1	(
		MIX 3	
,	\rangle	ALtr	Allium tricoccum / Wild Leek
((ASv	Astilbe chinensis 'Visions in Red'
	>	HEor	Helleborus orientalis / Lenten Ro
,			
	(MIX 4	
ı	>	ALtr	Allium tricoccum / Wild Leek
		BAau	Baptisia australis / Blue Wild Indi
	(CAn	Calamintha nepeta ssp. nepeta /
	>	SMr	Smilacina racemosa amplexicaulo

SYM	BOTANICAL NAME/ COMMON NAME	QTY	SQ FT	SPACING/ NOTES
MIX 1			10950	
ASca	Asarum canadense / Canadian Wild Ginger	2529		20% quart 12" oc
	Aster divaricatus / White Wood Aster	1265		10% quart 12" oc
CAb	Carex bromoides / Brome-like Sedge	632		5% plug 12" oc
CAf	Carex flacca / Blue Sedge	1897		15% quart 12" oc
САр	Carex pensylvanica / Pennsylvania Sedge	3794		30% plug 12" oc
NAif	Narcissus x`lce Follies` / Ice Follies Daffodil	18168		Bulb 2.5 / SQFT
NUV O			470	T
MIX 2	Commonute and state 'Diels Obigoes' / Constant Delliformer	44	178	200/ 2014 421 22
	Campanula punctata `Pink Chimes` / Spotted Bellflower	41		20% quart 12" oc
	Carex pensylvanica / Pennsylvania Sedge	41		20% plug 12" oc (Deep Plug
GEca	Geranium x cantabrigiense `Biokovo` / Biokovo Cranesbill	123		60% quart 12" oc
MIX 3			738	
	Allium tricoccum / Wild Leek	1476		Bulb 2/ SQFT
	Astilbe chinensis 'Visions in Red' / Chinese Astilbe	426		50% quart 12" oc
	Helleborus orientalis / Lenten Rose	426		50% quart 12" oc
MIX 4			1770	
ALtr	Allium tricoccum / Wild Leek	3540		Bulb 2/ SQFT
	Baptisia australis / Blue Wild Indigo	818		40% quart 12" oc
CAn	Calamintha nepeta ssp. nepeta / Lesser Calamint	818		40% quart 12" oc
SMr	Smilacina racemosa amplexicaule / False Solomon`s-seal	409		20% quart 12" oc
MIX 6			1305	
	Allium atropurpureum / Ornamental Onion	2610	1303	Bulb 2/ SQFT
	Anemone x hybrida `Honorine Jobert` / Honorine Jobert Japanese Anemone	452		30% quart 12" oc
	Dryopteris goldiana / Goldie`s Wood Fern	754		50% quart 12" oc
	Polystichum acrostichoides / Christmas Fern	301		20% quart 12" oc
. 04	1 olysticham asrostichicaes / Chinothae i Chi			2070 quart 12 00
MIX 9			919	
ALap	Allium atropurpureum / Ornamental Onion	1838		Bulb 2/ SQFT
HEvi	Heuchera villosa `Autumn Bride` / Autumn Bride Heuchera	637		60% quart 12" oc
HEc	Heuchera villosa `Caramel` / Coral Bells	212		20% quart 12" oc
HOsu	Hosta x `Sum and Substance` / Plantain Lily	212		20% quart 12" oc
BAIN C	,		000	I
MIX 11		4000	690	D II O/ OOFT
	Allium atropurpureum / Ornamental Onion	1380		Bulb 2/ SQFT
<u> </u>	Astilbe chinensis `Purpurkerze` / Chinese Astilbe	319		40% quart 12" oc
DEg	Deschampsia cespitosa `Goldtau` / Gold Dew Tufted Hair Grass	478		60% quart 12" oc

YM BOTANICAL NAME/ COMMON NAME	QTY SQ FT	SPACING/ NOTES	- SYM QTY BOTANICAL NAME COMMON N	AME	SIZE SPACE
MIX 1	10950		GRASS, FERNS, PERENNIALS		
Sca Asarum canadense / Canadian Wild Ginger	2529	20% quart 12" oc			
Sd Aster divaricatus / White Wood Aster	1265	10% quart 12" oc	MIX 12		954
Ab Carex bromoides / Brome-like Sedge	632	5% plug 12" oc	ALap Allium atropurpureum / Ornamental Onion	1908	Bulb 2/ SQFT
CAf Carex flacca / Blue Sedge	1897	15% quart 12" oc	ANs Anemone sylvestris / Snowdrop Anemone	331	30% quart 12" oc
CAp Carex pensylvanica / Pennsylvania Sedge	3794	30% plug 12" oc	AQa Aquilegia alpina / Alpine Columbine	220	20% quart 12" oc
Aif Narcissus x`lce Follies` / Ice Follies Daffodil	18168	Bulb 2.5 / SQFT	CHg Chelone glabra / White Turtle-head	220	20% quart 12" oc
	,		GEb Geranium cinereum `Ballerina` / Ballerina Hardy Geranium	331	30% quart 12" oc
AIX 2	178				'
CPPC Campanula punctata `Pink Chimes` / Spotted Bellflower	41	20% quart 12" oc	MIX 13		339
CAp Carex pensylvanica / Pennsylvania Sedge	41	20% plug 12" oc (Deep Plug)	ALtr Allium tricoccum / Wild Leek	678	Bulb 2/ SQFT
GEca Geranium x cantabrigiense `Biokovo` / Biokovo Cranesbill	123	60% quart 12" oc	CAf Carex flacca / Blue Sedge	78	20% quart 12" oc
			Jt Juncus tenuis / Poverty Rush	176	45% quart 12" oc
NIX 3	738		LYqu Lysimachia quadrifolia / Whorled Yellow Loosetrife	137	35% quart 12" oc
ALtr Allium tricoccum / Wild Leek	1476	Bulb 2/ SQFT			<u> </u>
ASv Astilbe chinensis `Visions in Red` / Chinese Astilbe	426	50% quart 12" oc	MIX 14		550
HEor Helleborus orientalis / Lenten Rose	426	50% quart 12" oc	ALtr Allium tricoccum / Wild Leek	1100	Bulb 2/ SQFT
			LOsi Lobelia siphilitica / Great Lobelia	254	40% quart 12" oc
MIX 4	1770		PAvi Panicum virgatum `North Wind` / Northwind Switch Grass	381	60% quart 12" oc
ALtr Allium tricoccum / Wild Leek	3540	Bulb 2/ SQFT			1
Aau Baptisia australis / Blue Wild Indigo	818	40% quart 12" oc	MIX 15	2	090
CAn Calamintha nepeta ssp. nepeta / Lesser Calamint	818	40% quart 12" oc	CAac Calamagrostis x acutiflora `Karl Foerster` / Feather Reed Grass	966	60% quart 12" oc
SMr Smilacina racemosa amplexicaule / False Solomon`s-seal	409	20% quart 12" oc	Flr Filipendula rubra / Queen-of-the-Prairie	1448	40% quart 12" oc
				I	, ,
MIX 6	1305		MIX 17	1 1	056
ALap Allium atropurpureum / Ornamental Onion	2610	Bulb 2/ SQFT	ALbu Allium bulgaricum/ Nectaroscordum siculum / Naked Lady	2112	Bulb 2/ SQFT
Nh Anemone x hybrida `Honorine Jobert` / Honorine Jobert Japanese Anemone	452	30% quart 12" oc	ASi Asclepias incarnata / Swamp Milkweed	183	15% quart 12" oc
DRgo Dryopteris goldiana / Goldie`s Wood Fern	754	50% quart 12" oc	Jt Juncus tenuis / Poverty Rush	427	35% quart 12" oc
POa Polystichum acrostichoides / Christmas Fern	301	20% quart 12" oc	SApe Saxifraga pensylvanica / Eastern Swamp Saxifrage	183	15% quart 12" oc
	Г		SCi Scutellaria incana / Downy Skullcap	427	35% quart 12" oc
NIX 9	919		та предоставления и положения положе		1 10 40000 1= 00
ALap Allium atropurpureum / Ornamental Onion	1838	Bulb 2/ SQFT	MIX 18	1	011
HEvi Heuchera villosa `Autumn Bride` / Autumn Bride Heuchera	637	60% quart 12" oc	GEan Gentiana andrewsii / Bottle Gentian	350	30% quart 12" oc
HEc Heuchera villosa `Caramel` / Coral Bells	212	20% quart 12" oc	OSc Osmunda cinnamomea / Cinnamon Fern	817	70% quart 12" oc
HOsu Hosta x `Sum and Substance` / Plantain Lily	212	20% quart 12" oc	OGO GOMANIGA GIIII AMONTO III TOM		7 0 70 quait 12 00
			MIX 19		958
AIX 11	690		ALtr Allium tricoccum / Wild Leek	1916	Bulb 2/ SQFT
ALap Allium atropurpureum / Ornamental Onion	1380	Bulb 2/ SQFT	HOsu Hosta x `Sum and Substance` / Plantain Lily	553	50% quart 12" oc
ASp Astilbe chinensis `Purpurkerze` / Chinese Astilbe	319	40% quart 12" oc	SPh Sporobolus heterolepis / Prairie Dropseed	221	20% quart 12" oc
DEg Deschampsia cespitosa `Goldtau` / Gold Dew Tufted Hair Grass	478	60% quart 12" oc	THdi Thalictrum dioicum / Early Meadow Rue	332	30% quart 12" oc







CHICAGO NAVY PIER 1E

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ME OF ILL

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Jeffrey L. Bruce & Company, LLC 1907 Swift Street, Suite 204, North Kansas City, Missouri 64116

123 North Wacker Drive, Suite 900, Chicago, Illinois, 60606

2413 W. Algonquin Road 431, Algonquin, Illinois 60102 Fluidity Design Consultants 3780 Wilshire Blvd Suite 230 Los Angeles CA 90010 **Environmental Systems Design** 175 West Jackson Boulevard, Suite 1400, Chicago, Illinois 60604

Billings Jackson 100 Broadway, New York, NY 10005

Pentagram 204 Fifth Avenue, New York NY 10010

Collins Engineers, Inc.

Cline & Associates, Inc.

Navy Pier, Inc.

PROJECT NAME

CLIENT:

REVISION:

KEY PLAN:

MULCH

PLANT MIX WITH BULB

NO. DATE

01 02.09.2016 SI #24

02 04.15.2016 SI #25

BY JCFO

DESCRIPTION 100% CD 11.01.2013 **AS NOTED**

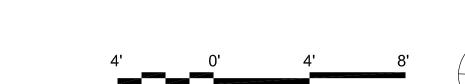
DRAWING TITLE PLANTING PLAN

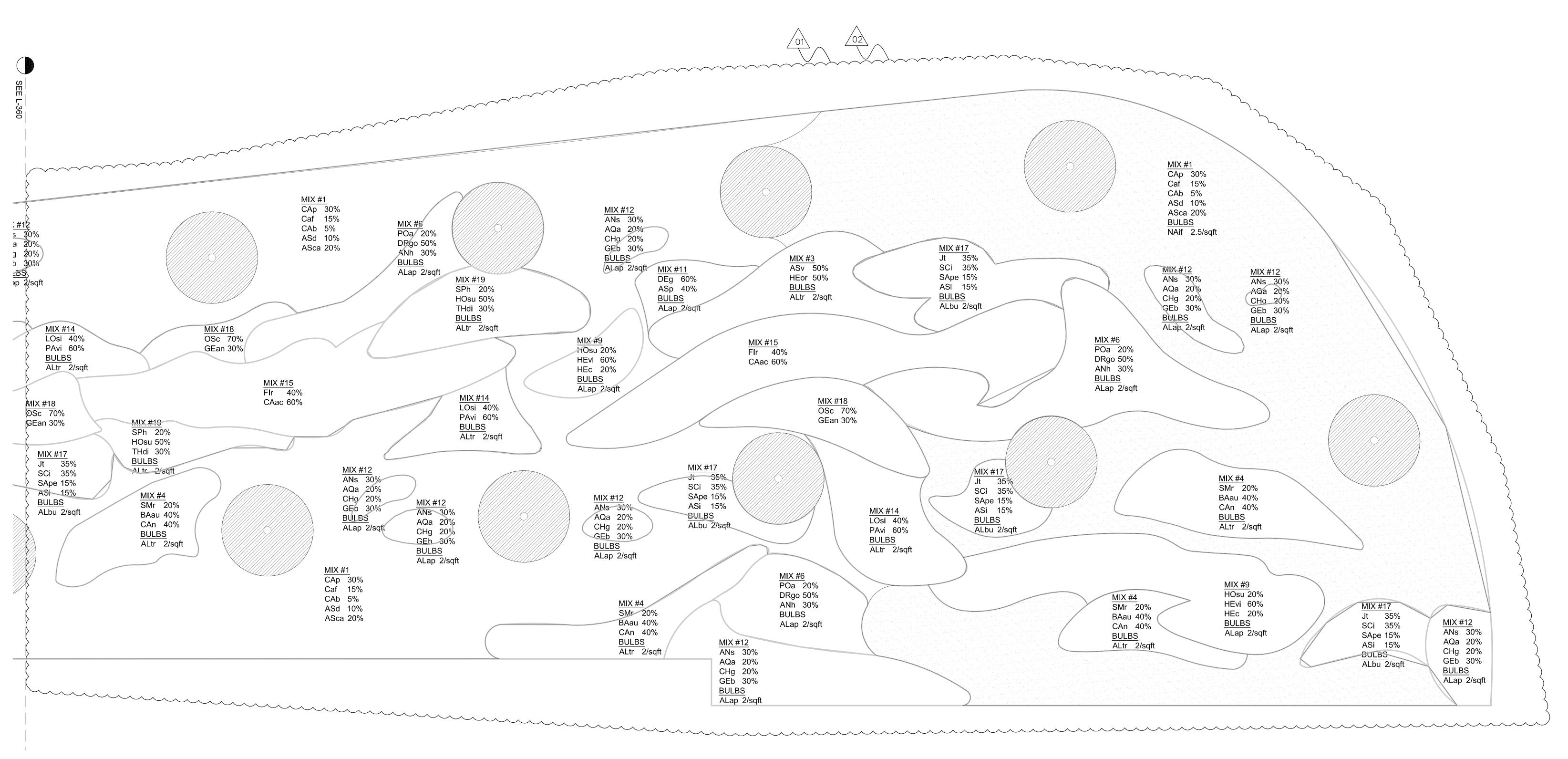
DRAWING NO. L-360

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NOTES:

1. SEE L-128 FOR OVERALL PLANT SCHEDULE.

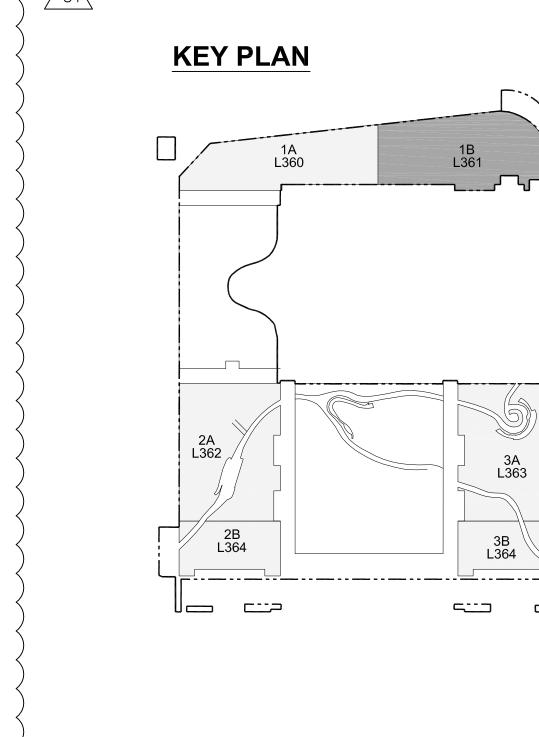


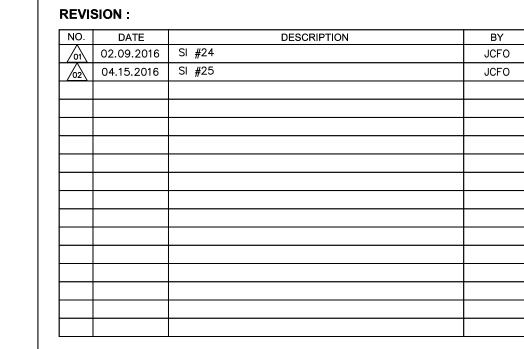


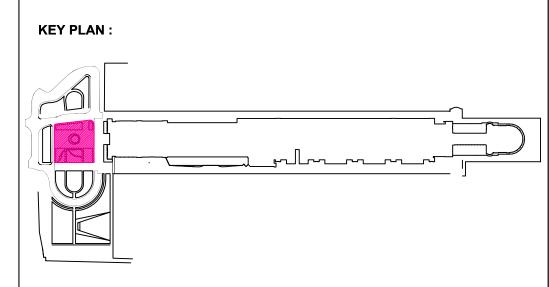
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GATEWAY PLANTING PLAN SCALE 1/4"=1'	
NOTES: 1. SEE L-128 FOR OVERALL PLANT SCHEDULE.	

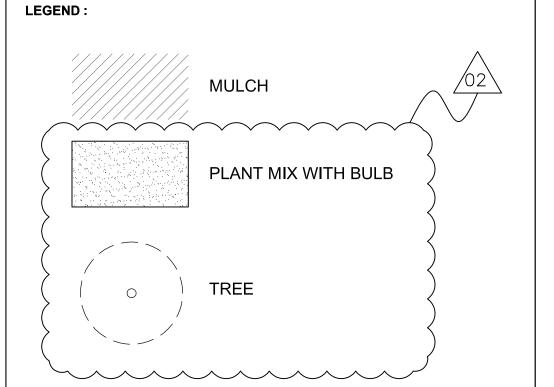
SYM	BOTANICAL NAME/ COMMON NAME	QTY	SQ FT	SPACING/ NOTES
MIX 1			10950	
ASca	Asarum canadense / Canadian Wild Ginger	2529		20% quart 12" oc
ASd	Aster divaricatus / White Wood Aster	1265		10% quart 12" oc
CAb	Carex bromoides / Brome-like Sedge	632		5% plug 12" oc
CAf	Carex flacca / Blue Sedge	1897		15% quart 12" oc
САр	Carex pensylvanica / Pennsylvania Sedge	3794		30% plug 12" oc
NAif	Narcissus x `lce Follies` / Ice Follies Daffodil	18168		Bulb 2.5 / SQFT
BALV O			170	
MIX 2		44	178	200/ 2014 121 22
	Campanula punctata `Pink Chimes` / Spotted Bellflower	41		20% quart 12" oc
	Carex pensylvanica / Pennsylvania Sedge	41		20% plug 12" oc (Deep Plug)
GECa	Geranium x cantabrigiense `Biokovo` / Biokovo Cranesbill	123		60% quart 12" oc
MIX 3			738	
ALtr	Allium tricoccum / Wild Leek	1476		Bulb 2/ SQFT
ASv	Astilbe chinensis 'Visions in Red' / Chinese Astilbe	426		50% quart 12" oc
HEor	Helleborus orientalis / Lenten Rose	426		50% quart 12" oc
B 813/2 / 4			1770	T
MIX 4		05.40	1770	D. II. O. OOFT
	Allium tricoccum / Wild Leek	3540		Bulb 2/ SQFT
	Baptisia australis / Blue Wild Indigo	818		40% quart 12" oc
CAn	Calamintha nepeta ssp. nepeta / Lesser Calamint	818		40% quart 12" oc
SMr	Smilacina racemosa amplexicaule / False Solomon`s-seal	409		20% quart 12" oc
MIX 6			1305	
ALap	Allium atropurpureum / Ornamental Onion	2610		Bulb 2/ SQFT
	Anemone x hybrida `Honorine Jobert` / Honorine Jobert Japanese Anemone	452		30% quart 12" oc
	Dryopteris goldiana / Goldie`s Wood Fern	754		50% quart 12" oc
POa	Polystichum acrostichoides / Christmas Fern	301		20% quart 12" oc
MIX 9	T		919	
	Allium atropurpureum / Ornamental Onion	1838	919	Bulb 2/ SQFT
HEvi	Heuchera villosa `Autumn Bride` / Autumn Bride Heuchera	637		60% quart 12" oc
	Heuchera villosa `Caramel` / Coral Bells	212		20% quart 12" oc
	Hosta x `Sum and Substance` / Plantain Lily	212		20% quart 12" oc
MIX 1			690	
ALap	Allium atropurpureum / Ornamental Onion	1380		Bulb 2/ SQFT
ASp	Astilbe chinensis `Purpurkerze` / Chinese Astilbe	319		40% quart 12" oc
DEg	Deschampsia cespitosa `Goldtau` / Gold Dew Tufted Hair Grass	478		60% quart 12" oc

SYM	QTY	BOTANICAL NAME	COMMON NAME		SIZ	E SPACE
GRAS	S, FERNS,	PERENNIALS			1	'
	· ·					
MIX 1	2				954	
ALap	Allium atro	purpureum / Ornamental Onion		1908		Bulb 2/ SQFT
ANs	Anemone	sylvestris / Snowdrop Anemone		331		30% quart 12" oc
AQa	Aquilegia a	alpina / Alpine Columbine		220		20% quart 12" oc
CHg	Chelone g	labra / White Turtle-head		220		20% quart 12" oc
GEb Geranium cinereum `Ballerina` / Ballerina Hardy Geranium				331		30% quart 12" oc
/IIV 1	2				339	
MIX 1: ALtr	1	occum / Wild Leek		678	558	Bulb 2/ SQFT
CAf		ca / Blue Sedge		78		20% quart 12" oc
Jt		nuis / Poverty Rush		176		45% quart 12" oc
		a quadrifolia / Whorled Yellow Looset	rife	137		35% quart 12" oc
- 1 90	Lyonnaon	a quadinolia / vinerioa / ellew 2000c		107		00 % quart 12 00
MIX 1	4				550	
ALtr	Allium trico	occum / Wild Leek		1100		Bulb 2/ SQFT
LOsi	Lobelia sip	ohilitica / Great Lobelia		254		40% quart 12" oc
PAvi	Panicum v	irgatum `North Wind` / Northwind Swi	tch Grass	381		60% quart 12" oc
MIX 1	 5				2090	
		ostis x acutiflora `Karl Foerster` / Feat	her Reed Grass	966		60% quart 12" oc
=Ir		a rubra / Queen-of-the-Prairie		1448		40% quart 12" oc
						1 4
VIIX 1	7				1056	
ALbu	Allium bulc	garicum/ Nectaroscordum siculum / Na	aked Ladv	2112		Bulb 2/ SQFT
ASi		incarnata / Swamp Milkweed	•	183		15% quart 12" oc
Jt		nuis / Poverty Rush		427		35% quart 12" oc
SApe		pensylvanica / Eastern Swamp Saxifra	age	183		15% quart 12" oc
SCi	Scutellaria	incana / Downy Skullcap		427		35% quart 12" oc
MIX 18	•				1011	
		andrewsii / Bottle Gentian		350	1011	30% quart 12" oc
OSc		cinnamomea / Cinnamon Fern		817		70% quart 12" oc
	Osmunua			017		1 70 70 quait 12 0C
MIX 1	9				958	
ALtr		occum / Wild Leek		1916		Bulb 2/ SQFT
		um and Substance` / Plantain Lily		553		50% quart 12" oc
SPh	<u> </u>	s heterolepis / Prairie Dropseed		221		20% quart 12" oc
THdi	Thalictrum	dioicum / Early Meadow Rue		332		30% quart 12" oc









STAMP:



James Corner Field Operations

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CONSULTANT TEAM:
nArchitects

68 Jay Street, #317, Brooklyn, NY 11201 **Buro Happold**801 West Adams Street, Suite 800, Chicago, IL 60607 **Primera**100 South Wacker Drive, Suite 700, Chicago, Illinois 60606

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Fluidity Design Consultants
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Environmental Systems Design

2413 W. Algonquin Road 431, Algonquin, Illinois 60102

Environmental Systems Design
175 West Jackson Boulevard, Suite 1400, Chicago, Illinois 60604

CLIENT:
Navy Pier, Inc.
600 East Grand Avenue, Chicago, IL 60611

CHICAGO NAVY PIER 1E

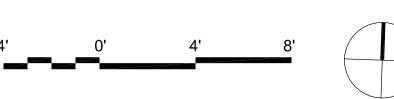
DESCRIPTION	100% CD		
DRAWN	KK, CL	CHECKED	SWA
DATE	11.01.2013	SCALE	AS NOTED

DRAWING TITLE PLANTING PLAN

L-361

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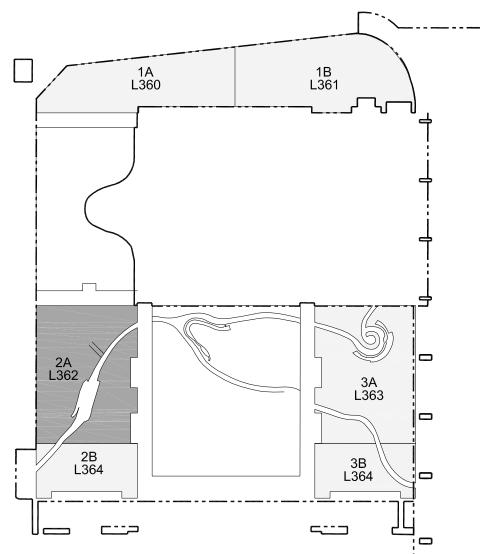


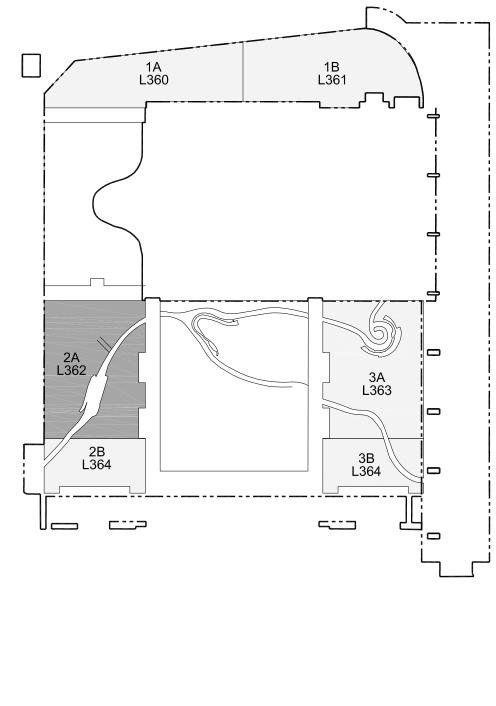


/02









SYM	BOTANICAL NAME/ COMMON NAME	QTY	SQ FT	SPACING/ NOTES
MIX 1			10950	
	Asarum canadense / Canadian Wild Ginger	2529		20% quart 12" oc
	Aster divaricatus / White Wood Aster	1265		10% quart 12" oc
CAb	Carex bromoides / Brome-like Sedge	632		5% plug 12" oc
	Q			
CAf	Carex flacca / Blue Sedge	1897		15% quart 12" oc
	Carex pensylvanica / Pennsylvania Sedge	3794		30% plug 12" oc
NAif	Narcissus x `lce Follies` / Ice Follies Daffodil	18168		Bulb
			1	I
MIX 2		4.4	178	000/
	Campanula punctata `Pink Chimes` / Spotted Bellflower	41		20% quart 12" oc
	Carex pensylvanica / Pennsylvania Sedge	41		20% plug 12" oc (Deep Plug
GEca	Geranium x cantabrigiense `Biokovo` / Biokovo Cranesbill	123		60% quart 12" oc
MIX 3			738	
	Allium tricoccum / Wild Leek	1476		Bulb 2/ SQFT
ASv	Astilbe chinensis `Visions in Red` / Chinese Astilbe	426		50% quart 12" oc
HEor	Helleborus orientalis / Lenten Rose	426		50% quart 12" oc
	,			
MIX 4			1770	
	Allium tricoccum / Wild Leek	3540	1	Bulb 2/ SQFT
	Baptisia australis / Blue Wild Indigo	818		40% quart 12" oc
			1	·
	Calamintha nepeta ssp. nepeta / Lesser Calamint	818	1	40% quart 12" oc
SMr	Smilacina racemosa amplexicaule / False Solomon`s-seal	409		20% quart 12" oc
			T	1
MIX 6		<u> </u>	1305	D # 0/225
	Allium atropurpureum / Ornamental Onion	2610		Bulb 2/ SQFT
	Anemone x hybrida 'Honorine Jobert' / Honorine Jobert Japanese Anemone	452		30% quart 12" oc
	Dryopteris goldiana / Goldie`s Wood Fern	754		50% quart 12" oc
	Polystichum acrostichoides / Christmas Fern	301		20% quart 12" oc
	. ,		1	
MIX 9			919	
	Allium atropurpureum / Ornamental Onion	1838	-	Bulb 2/ SQFT
	Heuchera villosa `Autumn Bride` / Autumn Bride Heuchera	637	+	60% quart 12" oc
				·
	Heuchera villosa `Caramel` / Coral Bells	212	1	20% quart 12" oc
HUsu	Hosta x `Sum and Substance` / Plantain Lily	212		20% quart 12" oc
			T -	T
MIX 1	-		690	
	Allium atropurpureum / Ornamental Onion	1380		Bulb 2/ SQFT
	Astilbe chinensis `Purpurkerze` / Chinese Astilbe	319		40% quart 12" oc
DEg	Deschampsia cespitosa `Goldtau` / Gold Dew Tufted Hair Grass	478		60% quart 12" oc
			_	
MIX 1			954	
	Allium atropurpureum / Ornamental Onion	1908		Bulb 2/ SQFT
ANs	Anemone sylvestris / Snowdrop Anemone	331		30% quart 12" oc
AQa	Aquilegia alpina / Alpine Columbine	220		20% quart 12" oc
	Chelone glabra / White Turtle-head	220		20% quart 12" oc
	Geranium cinereum `Ballerina` / Ballerina Hardy Geranium	331		30% quart 12" oc
<u> </u>	25. a.main Sinordani Ballorina / Ballorina Haray Octahlani	001		1 3070 quait 12 00
MIX 1	3		339	
	Allium tricoccum / Wild Leek	678	333	Bulb 2/ SQFT
				·
CAf	Carex flacca / Blue Sedge	78		20% quart 12" oc
Jt	Juncus tenuis / Poverty Rush	176		45% quart 12" oc
LYqu	Lysimachia quadrifolia / Whorled Yellow Loosetrife	137		35% quart 12" oc
MIX 1	4		550	
	Allium tricoccum / Wild Leek	1100		Bulb 2/ SQFT
	Lobelia siphilitica / Great Lobelia	254		40% quart 12" oc
	Panicum virgatum `North Wind` / Northwind Switch Grass	381		60% quart 12" oc
. ,	1. Santani ingatani itolali itina i itolalimina omion olass	331	1	1 00 /0 quart 12 00
MIX 1	5		2090	
	Calamagrostis x acutiflora `Karl Foerster` / Feather Reed Grass	966	2030	60% quart 12" oc
			1	
Flr	Filipendula rubra / Queen-of-the-Prairie	1448		40% quart 12" oc
				1
MIX 1			1056	
ALbu	Allium bulgaricum/ Nectaroscordum siculum / Naked Lady	2112		Bulb 2/ SQFT
ASi	Asclepias incarnata / Swamp Milkweed	183		15% quart 12" oc
Jt	Juncus tenuis / Poverty Rush	427		35% quart 12" oc
	•			·
	Saxifraga pensylvanica / Eastern Swamp Saxifrage	183	1	15% quart 12" oc
	Scutellaria incana / Downy Skullcap	427		35% quart 12" oc
SCi				
MIX 1	8		1011	
MIX 1	8 Gentiana andrewsii / Bottle Gentian	350	1011	30% quart 12" oc

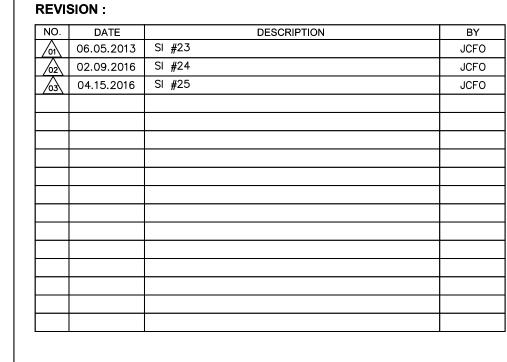


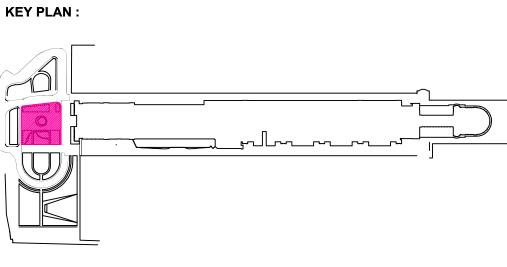
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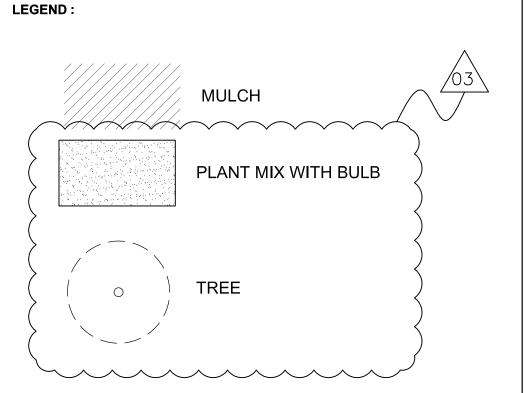
ALtr Allium tricoccum / Wild Leek

HOsu Hosta x `Sum and Substance` / Plantain Lily
SPh Sporobolus heterolepis / Prairie Dropseed
THdi Thalictrum dioicum / Early Meadow Rue

1916







STAMP:



LANDSCAPE ARCHITECT :

James Corner Field Operations 475 Tenth Ave, 10F New York, NY 10018 CONSULTANT TEAM:

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Fluidity Design Consultants 3780 Wilshire Blvd Suite 230 Los Angeles CA 90010 **Environmental Systems Design** 175 West Jackson Boulevard, Suite 1400, Chicago, Illinois 60604

Navy Pier, Inc. 600 East Grand Avenue, Chicago, IL 60611

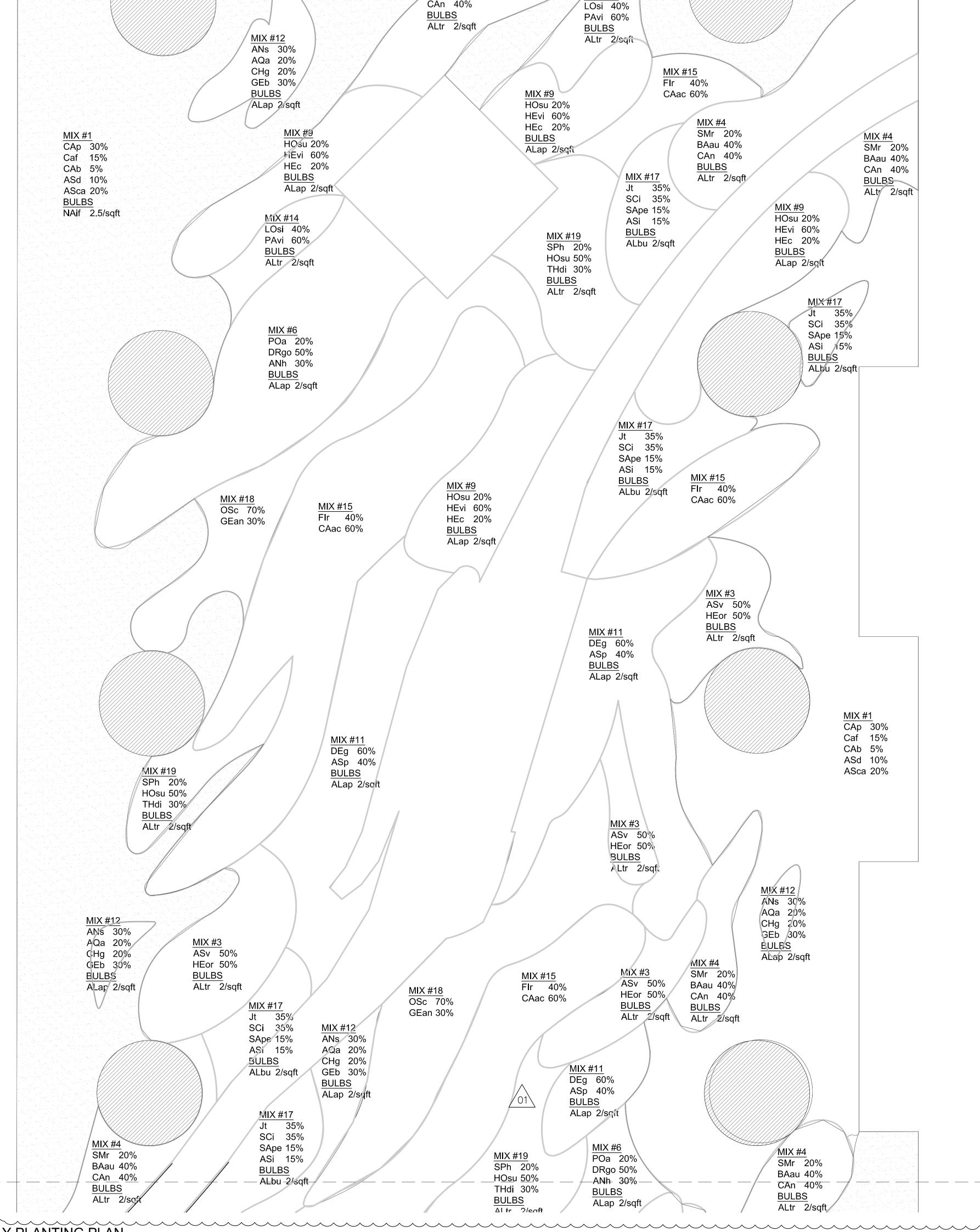
PROJECT NAME **CHICAGO NAVY PIER 1E**

DESCRIPTION	100% CD		
DRAWN	KK, CL	CHECKED	SWA
DATE	11.01.2013	SCALE	AS NOTED

DRAWING TITLE PLANTING PLAN

DRAWING NO. L-362

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BAau 40%

CAn 40%

/MIX #14

GATEWAY PLANTING PLAN SCALE 1/4"=1'

SEE L-364

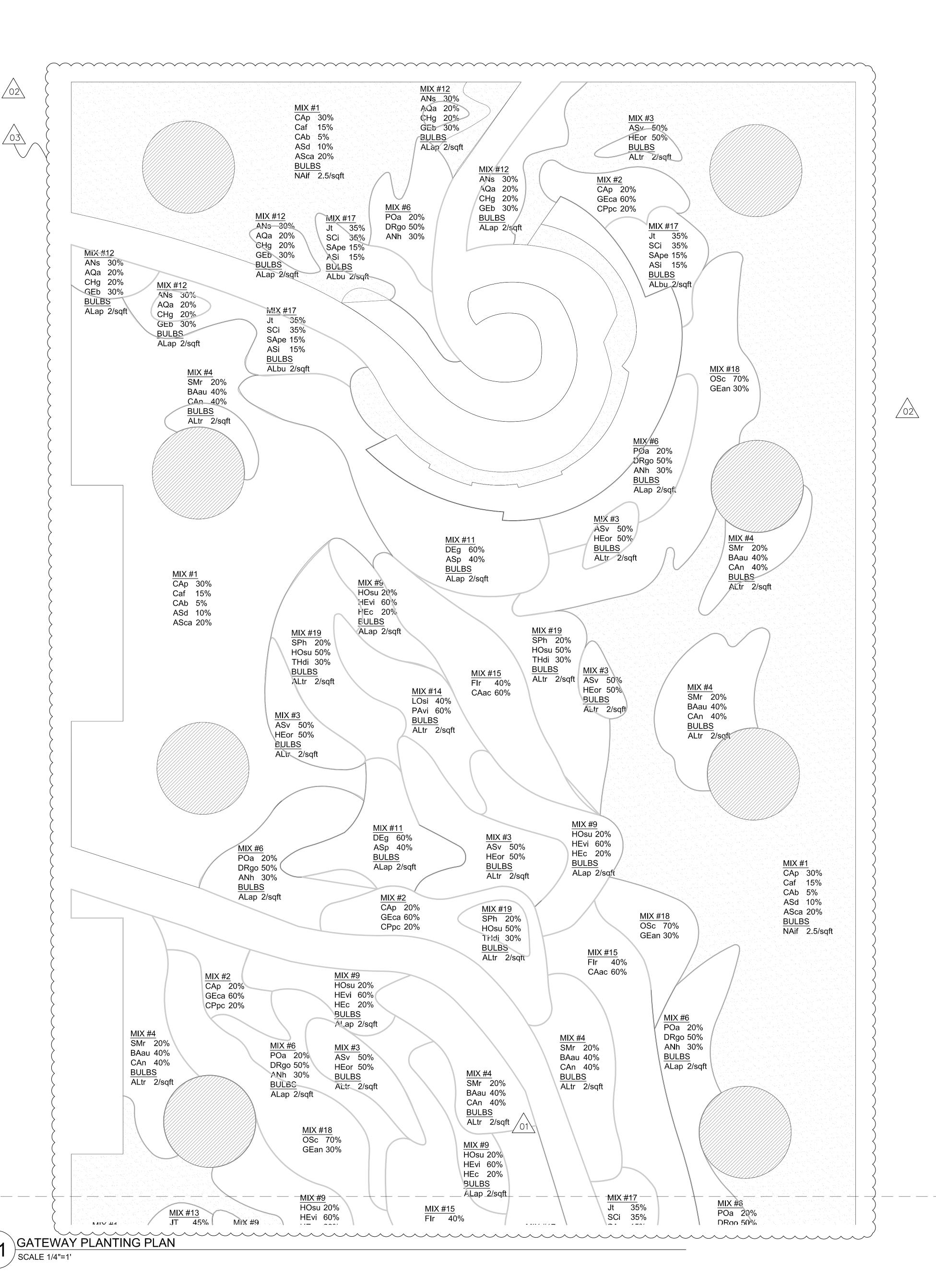
02



50% quart 12" oc 20% quart 12" oc 30% quart 12" oc

Bulb 2/ SQFT

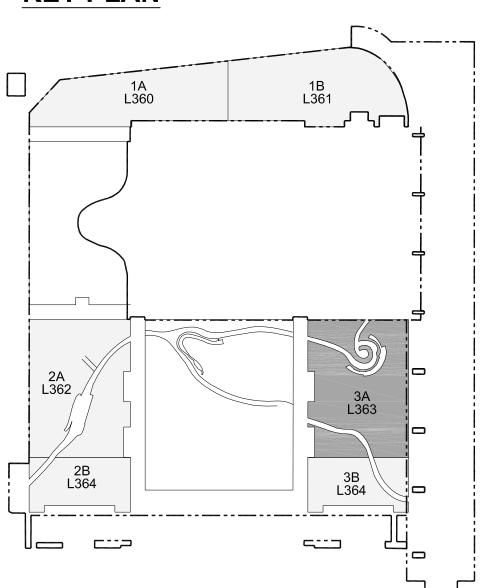


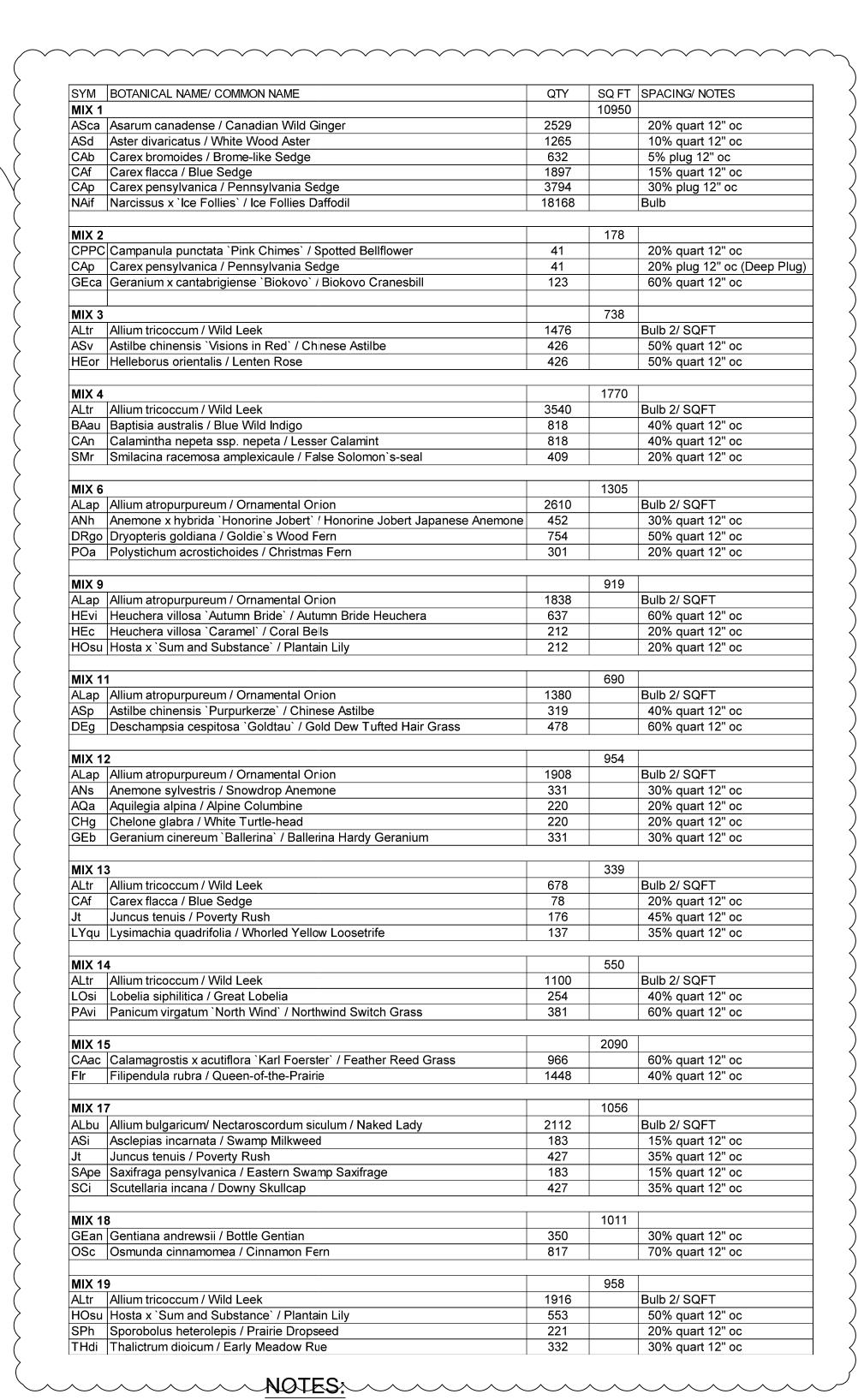


SEE L-364

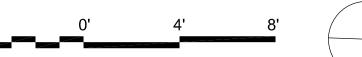
KEY PLAN



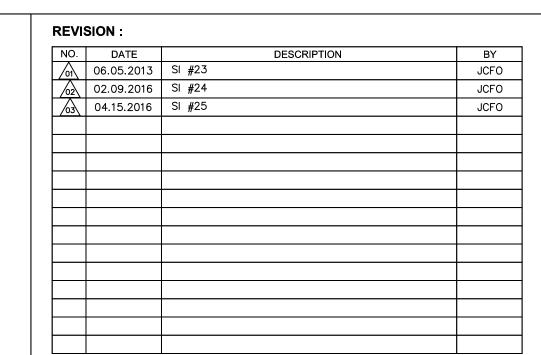




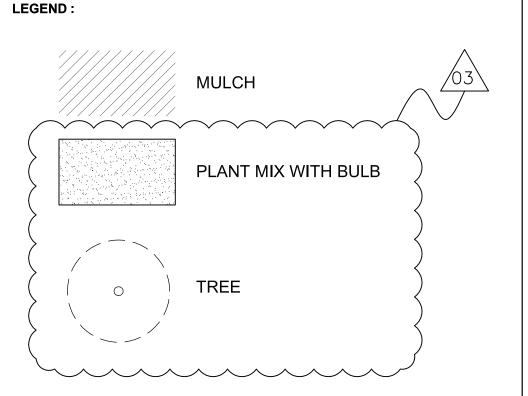
1. SEE L-128 FOR OVERALL PLANT SCHEDULE.











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Fluidity Design Consultants

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Environmental Systems Design
175 West Jackson Boulevard, Suite 1400, Chicago, Illinois 60604

CLIENT:
Navy Pier, Inc.
600 East Grand Avenue, Chicago, IL 60611

CHICAGO NAVY PIER 1E

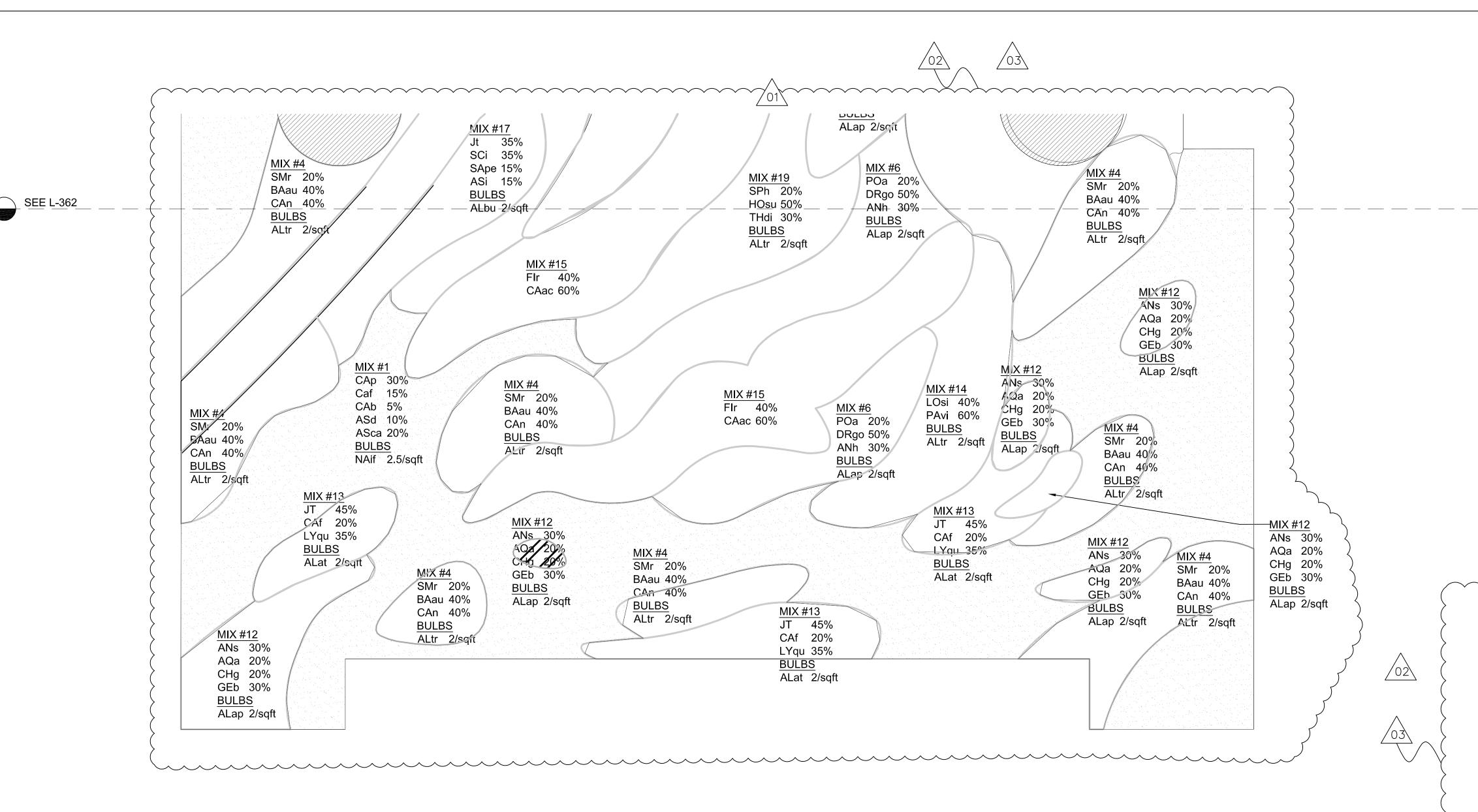
DRAWN KK, CL CHECKED SWA

DATE 10.01.2013 SCALE AS NOTED

DRAWING TITLE PLANTING PLAN

DRAWING NO. L-363

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HOsu 20%

HEvi 60%

HEc 20%

ALap 2/sqft

MIX #17

SCi 35%

SApe 15%

<u>BULBS</u>

ASi 15%

ALbu 2/sqft

MIX #13

JT 45%

CAf 20%

LYqu 35%

BULBS

SCi 35% ALat 2/sqft

Jt 35%

SApe 15%

ASi 15%

ALbu 2/sqft

BULBS

MIX #15

Flr 40%

CAac 60%

MIX #13

JT 45%

CAf 20%

LYqu 35%

ALat 2/sqft

BULBS

35%

SCi 35%

SApe 15%

ASi 15%

ALbu 2/sqft

BULBS

MIX #14 LOsi 40%

PAvi 60%

ALtr 2/scit

POa 20%

DRgo 50%

ANh 30%

ALap 2/sqft

SPh 20%

HOsu 50%

THdi 30%

ALtr 2/sqft

MIX #13 JT 45%

CAf 20%

LYqu 35%

BULBS

ALat 2/sqft

MIX #12

ANs 30%

AQa 20%

CHg 20%

GEb 30%

ALap 2/sqft

BULBS

BULBS

ANs 30%

AQa 20%

CHg 20%

GEb 30%

BULBS ALap 2/sqft

BULBS

MIX #19

SPh 20%

HOsu 50%

THdi 30%

ALtr 2/sqft

MIX #12 ANs 30%

AQa 20%

CHg 20%

GEb 30%

<u>BULBS</u>

BULBS

MIX #4 SMr 20%

BAau 40%

CAn 40%

ALtr 2/sqft

BULBS

Flr 40%

CAac 60%

SYM BOTANICAL NAME/ COMMON NAME QTY | SQ FT | SPACING/ NOTES 2529 ASca | Asarum canadense / Canadian Wild Ginger 20% quart 12" oc ASd Aster divaricatus / White Wood Aster 1265 10% quart 12" oc CAb Carex bromoides / Brome-like Sedge 632 5% plug 12" oc CAf Carex flacca / Blue Sedge 15% quart 12" oc Ap | Carex pensylvanica / Pennsylvania Sedge 30% plug 12" oc NAif Narcissus x `Ice Follies` / Ice Follies Daffodil 18168 Bulb CPPC Campanula punctata `Pink Chimes` / Spotted Bellflower 20% quart 12" oc CAp Carex pensylvanica / Pennsylvania Sedge 20% plug 12" oc (Deep Plug) 1476 ALtr Allium tricoccum / Wild Leek Bulb 2/ SQFT ASv Astilbe chinensis 'Visions in Red' / Chinese Astilbe 426 50% quart 12" oc HEor Helleborus orientalis / Lenten Rose 426 50% quart 12" oc ALtr Allium tricoccum / Wild Leek Bulb 2/ SQFT BAau Baptisia australis / Blue Wild Indigo 40% quart 12" oc 818 CAn Calamintha nepeta ssp. nepeta / Lesser Calamint 40% quart 12" oc SMr Smilacina racemosa amplexicaule / False Solomon`s-seal 409 20% quart 12" oc ALap Allium atropurpureum / Ornamental Onion Bulb 2/ SQFT ANh Anemone x hybrida `Honorine Jobert` / Honorine Jobert Japanese Anemone 452 30% quart 12" oc DRgo Dryopteris goldiana / Goldie`s Wood Fern 50% quart 12" oc POa Polystichum acrostichoides / Christmas Fern 20% quart 12" oc ALap Allium atropurpureum / Ornamental Onion Bulb 2/ SQFT 637 HEvi Heuchera villosa `Autumn Bride` / Autumn Bride Heuchera 60% quart 12" oc HEc Heuchera villosa `Caramel` / Coral Bells 20% quart 12" oc |HOsu |Hosta x `Sum and Substance` / Plantain Lily 212 20% quart 12" oc 690 ALap Allium atropurpureum / Ornamental Onion 1380 Bulb 2/ SQFT 319 40% quart 12" oc ASp | Astilbe chinensis `Purpurkerze` / Chinese Astilbe DEg Deschampsia cespitosa `Goldtau` / Gold Dew Tufted Hair Grass 478 60% quart 12" oc 954 Bulb 2/ SQFT ALap Allium atropurpureum / Ornamental Onion 30% quart 12" oc ANs Anemone sylvestris / Snowdrop Anemone 20% quart 12" oc AQa Aquilegia alpina / Alpine Columbine CHg Chelone glabra / White Turtle-head 220 20% quart 12" oc GEb Geranium cinereum `Ballerina` / Ballerina Hardy Geranium 331 30% quart 12" oc Bulb 2/ SQFT ALtr Allium tricoccum / Wild Leek CAf Carex flacca / Blue Sedge 20% quart 12" oc Juncus tenuis / Poverty Rush 45% quart 12" oc Yqu Lysimachia quadrifolia / Whorled Yellow Loosetrife 35% quart 12" oc 1100 ALtr Allium tricoccum / Wild Leek Bulb 2/ SQFT LOsi Lobelia siphilitica / Great Lobelia 40% quart 12" oc PAvi Panicum virgatum `North Wind` / Northwind Switch Grass 381 60% quart 12" oc CAac | Calamagrostis x acutiflora `Karl Foerster` / Feather Reed Grass 60% quart 12" oc Filipendula rubra / Queen-of-the-Prairie 40% quart 12" oc 1056 2112 Bulb 2/ SQFT ALbu Allium bulgaricum/ Nectaroscordum siculum / Naked Lady Asclepias incarnata / Swamp Milkweed 183 15% quart 12" oc Juncus tenuis / Poverty Rush 427 35% quart 12" oc 15% quart 12" oc SApe Saxifraga pensylvanica / Eastern Swamp Saxifrage

KEY PLAN

حت صا

L363

L364

<u>----</u>

NOTES:

SCi Scutellaria incana / Downy Skullcap

GEan Gentiana andrewsii / Bottle Gentian

ALtr Allium tricoccum / Wild Leek

OSc Osmunda cinnamomea / Cinnamon Fern

|HOsu |Hosta x `Sum and Substance` / Plantain Lily

SPh Sporobolus heterolepis / Prairie Dropseed

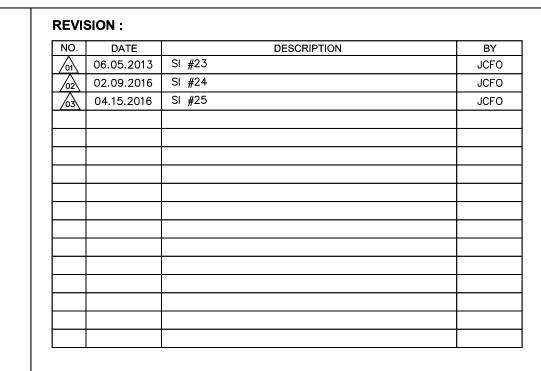
THdi Thalictrum dioicum / Early Meadow Rue

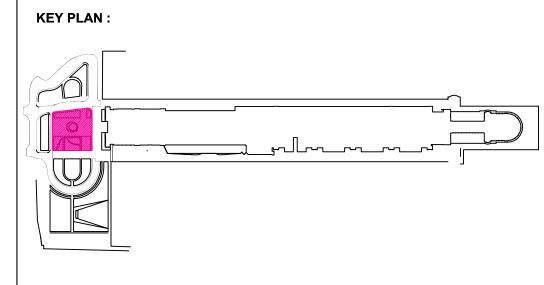
1. SEE L-128 FOR OVERALL PLANT SCHEDULE.

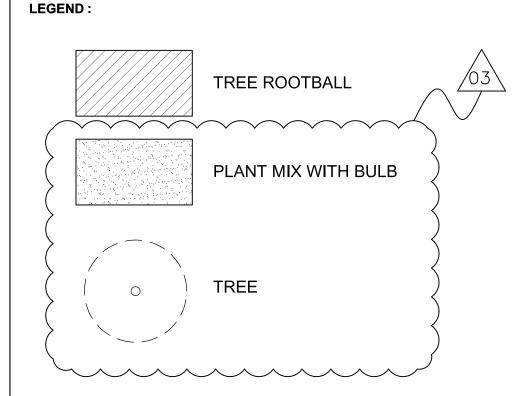
2. BULBS + HIGHLIGHTS TO BE ADDED FOR 100% CD.

427

1916







STAMP:



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Fluidity Design Consultants

3780 Wilshire Blvd Suite 230 Los Angeles CA 90010

PROJECT NAME

Environmental Systems Design
175 West Jackson Boulevard, Suite 1400, Chicago, Illinois 60604

Navy Pier, Inc.
600 East Grand Avenue, Chicago, IL 60611

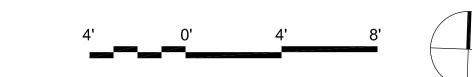
CHICAGO NAVY PIER 1E

DESCRIPTION	100% CD		
DRAWN	KK, CL	CHECKED	SWA
DATE	11.01.2013	SCALE	AS NOTED

DRAWING TITLE PLANTING PLAN

L-364

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35% quart 12" oc

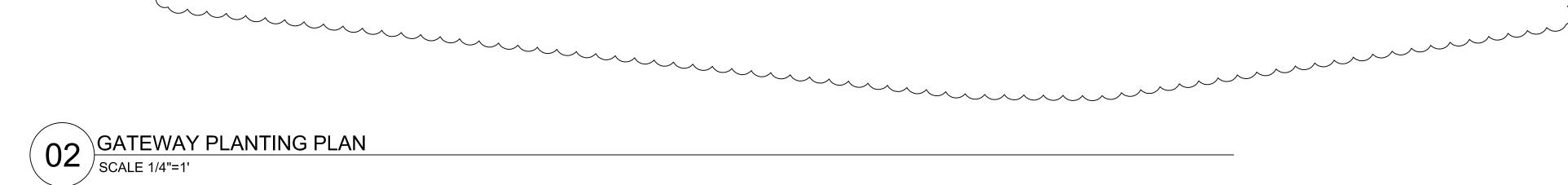
30% quart 12" oc

50% quart 12" oc

20% quart 12" oc

30% quart 12" oc

Bulb 2/ SQFT



GATEWAY PLANTING PLAN

MIX #1

CAp 30%

Caf 15%

ASd 10%

ASca 20%

MIX #4

SMr 20%

BAau 40%

CAn 40%

ALtr 2/sqft

NAif 2.5/sqft

MIX #13

JT 45%

CAf 20%

LYqu 35%

ALat 2/sqft

<u>BULBS</u>

BULBS

CAb 5%

MIX #13

CAf 20%

LYqu 35%

ALat 2/sqft

BULBS

45%

HOsu 20%

HEvi 60%

HEc 20%

ALap 2/sqft

BULBS \

MIX #12

ANS 30%

AQa 20%

CHg 20%

GEb 30%

BULBS

MIX #12

ANs 30%

AQa 20%

CHg 20%

GEb 30%

ALap 2/sqft

BULBS

MIX #12 ALap 2/sqft

ANs 30%

CHg 20%

GEb 30%

ALap 2/sqft

BULBS

AQa 20%

SEE L-363

OSc 70% GEan 30%

HOsu 20%

HEvi 60%

HEc 20%

ALap 2/sqft

BAau 40%

CAn 40%

BULBS

ALtr 2/sqft

MIX #13 JT 45%

CAf 20%

L (qu 35%

BULSS ALat 2/sqft