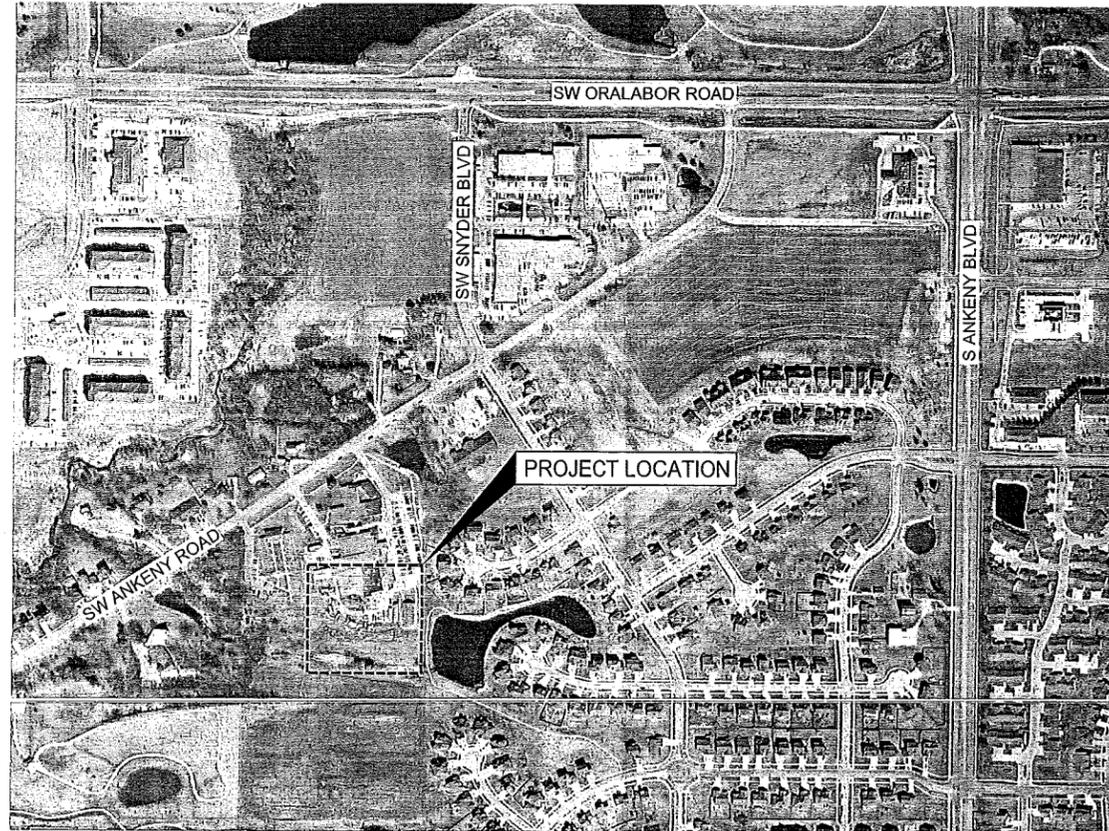


# SITE PLANS FOR ON WITH LIFE SITE IMPROVEMENTS CITY OF ANKENY, IOWA

RECEIVED  
AUG 26 2016  
CITY OF ANKENY

MARK	REVISION	DATE	BY
Engineer: EDC	Checked By: TLW	Scale: 1"=300'	
Technician: LFG	Date: 08-26-16	Field Bk:	Page:
Project No: 1151052			Sheet 1 of 7



VICINITY MAP

**OWNER/DEVELOPER**

ON WITH LIFE  
715 SW ANKENY ROAD  
ANKENY, IA 50023  
PHONE: 515-289-9600  
CONTACT: COREY MORRISON

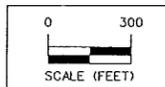
**ENGINEER**

SNYDER & ASSOCIATES  
2727 SW SNYDER BLVD  
P.O. BOX 1159  
ANKENY, IA 50023  
PHONE: 515-964-2020  
CONTACT: LARA GULDENPFENNIG

**INDEX OF SHEETS**

1. TITLE SHEET
2. PROJECT INFORMATION
3. DEMOLITION PLAN
4. DIMENSION AND UTILITY PLAN
5. GRADING & STORM SEWER PLAN
6. LANDSCAPE PLAN - CONCEPTUAL
7. LANDSCAPE PLAN - CONCEPTUAL

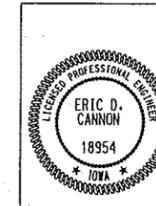
**ON WITH LIFE SITE IMPROVEMENTS**  
**TITLE SHEET**  
**SNYDER & ASSOCIATES, INC.**  
 715 SW ANKENY RD. ANKENY, IA  
 2727 SW SNYDER BLVD.  
 ANKENY, IOWA 50023  
 515-964-2020 | www.snyder-associates.com



I hereby certify that the portion of this technical submission described below was prepared by me or under my direct supervision and responsible charge. I am a duly licensed professional Landscape Architect under the laws of the State of Iowa.

Kendrick E. Fox \_\_\_\_\_ Date \_\_\_\_\_  
Iowa Reg. No. 310

Pages or sheets covered by this seal: \_\_\_\_\_  
Sheets 6-7



I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

Eric D. Cannon, P.E. \_\_\_\_\_ Date \_\_\_\_\_  
License Number 18954  
My License Renewal Date is December 31, 2017

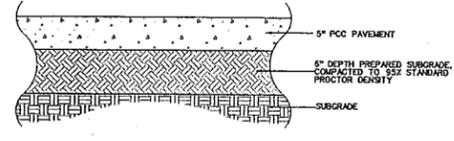
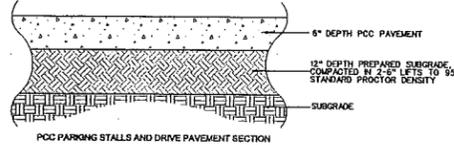
Pages or sheets covered by this seal: \_\_\_\_\_  
Sheets 1-5



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1 PCC PAVEMENT SECTIONS  
4 NO SCALE

**DIMENSION PLAN CONSTRUCTION NOTES**

- PAVEMENTS, PROVIDE THE FOLLOWING:
  - 5" DEPTH PCC SIDEWALK. SEE DETAIL.
  - 6" DEPTH PCC PAVEMENT. SEE DETAIL.
  - 5" DEPTH PCC SIDEWALK WITH INTERGRAL CURB. SEE DETAIL.
  - 6" HEIGHT CURB. SEE DETAIL.
  - PEDESTRIAN RAMP AS PER ADAAG REQUIREMENTS. SEE DETAIL.
- PAVEMENT MARKINGS, PROVIDE THE FOLLOWING:
  - 4" SOLID YELLOW STALL MARKING.
  - 4" SOLID YELLOW LINES AT A 45° ANGLE, 3" O.C.
  - YELLOW ACCESSIBLE PARKING STALL SYMBOL AS PER ADAAG REQUIREMENTS.
  - 6" SOLID WHITE CROSSWALK MARKINGS AS PER MUTCD. SEE DETAIL.
- SIGNAGE, PROVIDE THE FOLLOWING:
  - RELOCATE SALVAGED ACCESSIBLE PARKING SIGN TO LOCATION SHOWN ON PLANS.
  - RELOCATED FAMILY HOUSE SIGN.
- STORM SEWER - SEE GRADING AND STORM SEWER PLAN ON SHEET 5.
- ELECTRICAL SERVICES PROVIDE THE FOLLOWING:
  - CONDUIT FOR FUTURE ELECTRICAL SERVICE AT PAVILLION.
  - ELECTRICAL RECEPTACLE.
  - CONNECT TO ELECTRICAL PANEL AS PER LOCAL CODES AND REQUIREMENTS.
  - PARKING LOT LIGHTING.
- SITE AMENITIES; PROVIDE THE FOLLOWING:
  - RAIN GARDEN.
  - 4' HT. BLACK VINYL COATED CHAINLINK FENCING.
- SITE AMENITIES BY OTHERS.
  - PAVILLION.
  - BENCH.
  - WOOD ARBOR.
  - LIMESTONE SEAT WALL.
  - BUTTERFLY GARDEN.
  - PUTTING GREEN AREA.
  - SHED AND GARDEN PLOTS.
  - PLAYGROUND AND EXERCISE AREA.
  - TURF AREA.
  - BRIDGE.
  - FAMILY SHELTER.
  - ENHANCING GARDEN.
  - AMPHITHEATER AND SEATING.
  - PLANTING BEDS. SEE LANDSCAPE PLANS ON SHEETS 6 & 7.
  - MUSIC AREA.
  - LIMESTONE RETAINING WALL AT RAIN GARDEN.
- PAVEMENTS BY OTHERS.
  - CRUSHED GRANITE WITH STABILIZER.
  - UNIT PAVERS.
  - PCC PAVEMENT.
  - LIMESTONE CURB.
  - FLAGSTONE PAVERS.
  - PERMEABLE PAVERS.

**LANDSCAPE CALCULATIONS**

(AS PER CITY OF ANKENY SITE PLAN OPEN SPACE AND LANDSCAPING REQUIREMENTS)

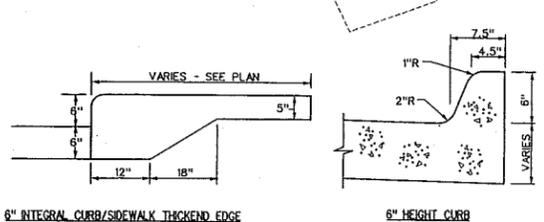
PAVEMENT SHADING REQUIREMENTS FOR NEW PAVEMENT:  
 13,048 SF PAVEMENT X 20% = 2,609.60 SF  
 2,609.60 SF / 708 SF = 3.70 OVERSTORY TREES REQ'D (4 PROVIDED)  
 --- (4) PAVEMENT OVERSTORY TREES PROVIDED WITHIN 15' OF PARKING AREA ON 2 OR MORE SIDES (COUNTED AT 100%)  
 --- 2,824 SF PAVEMENT SHADING PROVIDED

**PARKING LOT PLANT SCHEDULE**

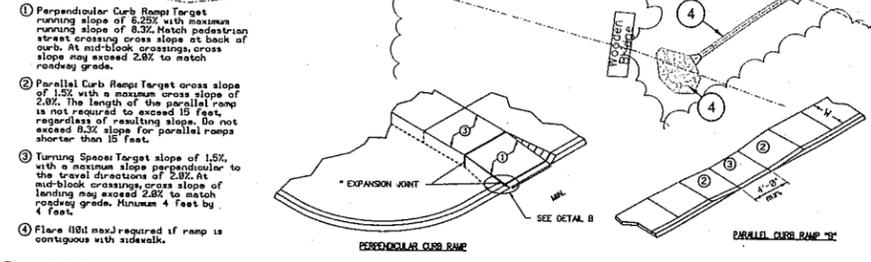
TREES	KEY/BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
AF	Acer x freemanii 'Sears Glen'	SEARS GLEN FREEMAN MAPLE	7 1/2" CHL.	888

**DIMENSION PLAN GENERAL NOTES**

- UTILITY WARNING: THE UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND/OR RECORDS OBTAINED. THE SURVEYOR MAKES NO GUARANTEE THAT THE UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA EITHER IN SERVICE OR ABANDONED. THE SURVEY FURTHER DOES NOT WARRANT THAT THE UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED.
- NOTIFY UTILITY OWNERS PRIOR TO BEGINNING ANY CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR DETERMINING EXISTENCE, EXACT LOCATION AND DEPTH OF ALL UTILITIES. AVOID DAMAGE TO UTILITIES AND SERVICES DURING CONSTRUCTION. ANY DAMAGE DUE TO THE CONTRACTOR'S CARELESSNESS SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE. COORDINATE AND COOPERATE WITH UTILITY COMPANIES DURING CONSTRUCTION.
- THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES AND FEATURES WHICH ARE TO REMAIN. DAMAGE TO EXISTING UTILITIES OR SITE IMPROVEMENTS SHALL BE REPAIRED BY THE CONTRACTOR TO THE OWNER'S SPECIFICATIONS AT THE CONTRACTOR'S EXPENSE.
- THE SITE CONTRACTOR SHALL BE RESPONSIBLE FOR LAYOUT VERIFICATION OF ALL SITE IMPROVEMENTS PRIOR TO CONSTRUCTION. CONTRACTOR TO CONSTRUCT ALL SITE IMPROVEMENTS AND UTILITIES IN ACCORDANCE WITH THE URBAN STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING TRAFFIC CONTROL IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES 'MUTCD'. ALL PROPOSED SIGNS SHALL CONFORM TO THE 'MUTCD' MANUAL.
- THE CONTRACTOR SHALL LOAD AND TRANSPORT ALL MATERIALS NOT DESIRABLE TO BE INCORPORATED INTO THE PROJECT TO AN APPROVED OFF-SITE WASTE SITE.
- SAW-CUT AT TERMINATION TO FULL DEPTH ALL PAVEMENTS TO BE REMOVED.



2 PCC CURB DETAILS  
4 NO SCALE



3 SIDEWALK ACCESSIBLE RAMP AND ACCESS RAMP DETAILS  
4 NO SCALE

ON WITH LIFE SITE IMPROVEMENTS

DIMENSION AND UTILITY PLAN

SNYDER & ASSOCIATES, INC.



Project No: 1151052

Sheet 4 of 7

715 SW ANKENY RD. ANKENY, IA

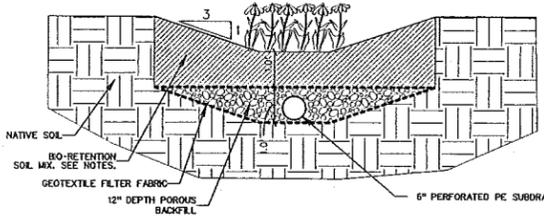
2727 S.W. SNYDER BLVD.  
ANKENY, IOWA 50023

515-964-2020 | www.snyder-associates.com

Project No: 1151052

Sheet 4 of 7

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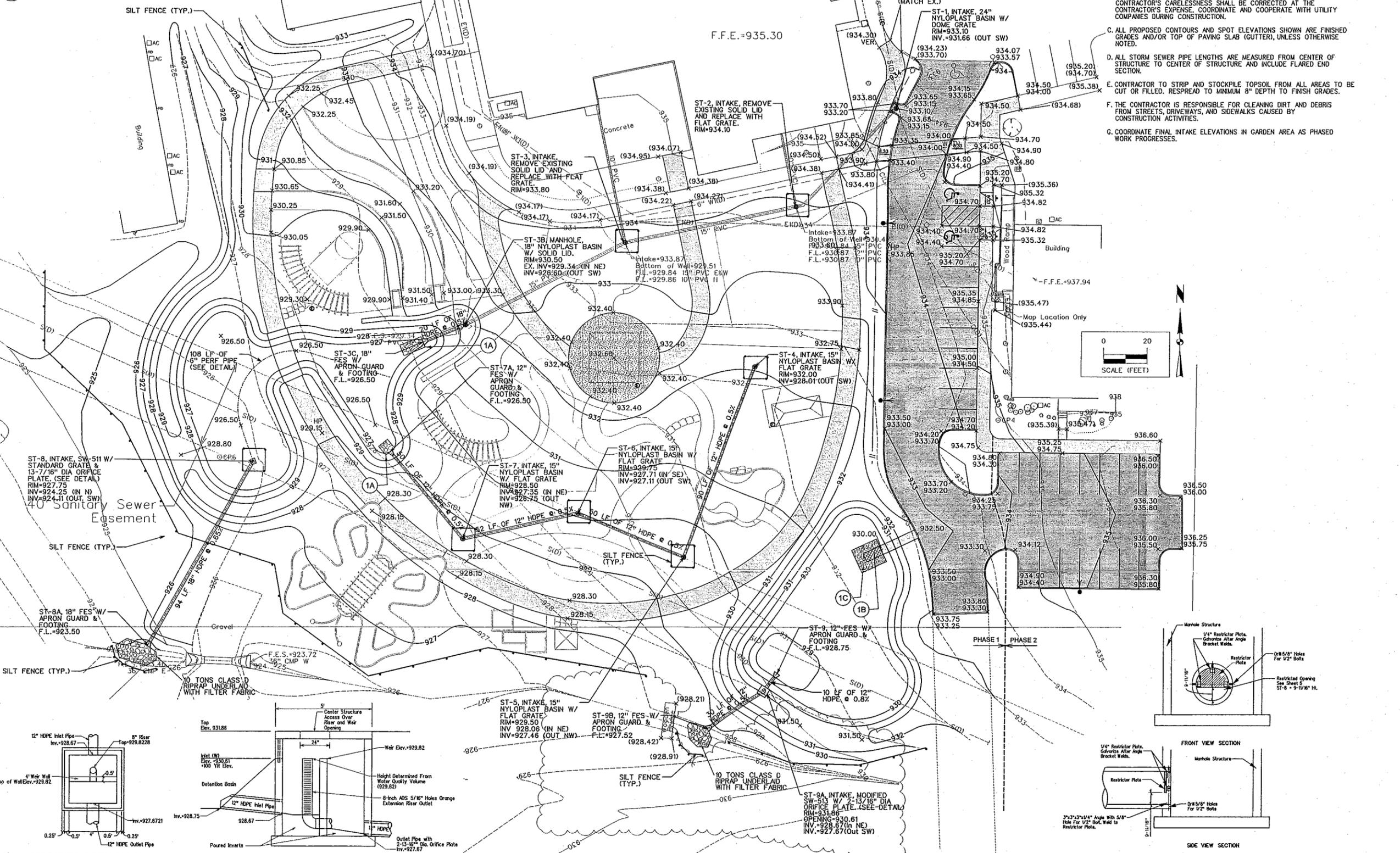
- NOTES:**
1. SCARIFY TRENCH BOTTOM TO A DEPTH OF 12-INCHES PRIOR TO POROUS BACKFILL PLACEMENT.
  2. INSTALL GEOTEXTILE FABRIC AROUND POROUS BACKFILL.
  3. 12" DEPTH POROUS BACKFILL: 1" CLEAN Limestone.
  4. BIO-RETENTION SOIL MIX: 75% CONCRETE SAND, 17% LOAM TOPSOIL, 8% CLASS 1 LEAF TYPE COMPOST. MIX BIO-RETENTION SOIL AT AN OFF-SITE LOCATION.
  5. PLACE BIO-RETENTION SOIL MIX IN 12" LIFTS AND COMPACT MODERATELY.
  6. PLANT SCHEDULE:
    - A. ECO-FRIENDLY GOLF COURSE SEED MIX: INCLUDES TILLING, SPREADING, FERTILIZING, WATERING, AND OTHER ACTIVITIES AS REQUIRED TO ESTABLISH FINAL VEGETATION. SEED MIX SHALL CONSIST OF THE FOLLOWING:
      - GRASSES AND FORBS: BLUE WILD INDIGO, NODDING ONION, BUTTERFLY MILKWEED, GREAT BLUE LOBELIA, PALE PURPLE CONEFLOWER, PURPLE CONEFLOWER, PARTICHOPEA MONARDA FISTULOSA, ROYAL CATCHFLY, DENSE BLAZINGSTAR, OLD FIELD GOLDENROD, OHIO SPIDERWORT, GOLDEN ALEXANDERS, FOXGLOVE BEARDTONGUE, PURPLE PRAIRIE COLVER, BLACK-EYED SUSAN, BLUE GRAMA, LITTLE BLUESTEM, SIDEOATS GRAMA, AND PRAIRIE DROPSEED.

- NOTES CONTINUED:**
- SEEDING RATE: 14 LBS. PER ACRE. SEED MIX MAY BE OBTAINED FROM ION EXCHANGE WWW.IONEXCHANGE.COM (878 OLD MISSION DRIVE, HARPERS FERRY, IOWA, 52445-7533, 800-291-2143) OR APPROVED EQUAL. ALLOWABLE SEEDING DATES SHALL BE DETERMINED BY MANUFACTURER'S RECOMMENDATION.
- B. CONTAINER PLUG PLANTINGS SHALL BE PLANTED WITHIN THE BIO-RETENTION AREA. CONTAINER PLUG PLANTS SHALL BE PLACED RANDOMLY AT A RATE OF ONE PLANT PER S.F.
- CONTAINER PLUG PLANTS:**
- BLUE FLAG IRIS (IRIS SHREVEI)
  - BUTTERFLY MILKWEED (ASCLEPIAS TUBEROSA)
  - WILD BERGAMOT (MONARDA FISTULOSA)
  - BLAZING STAR (LIATRIS SPICATA)
  - BLACKEYED SUSAN (RUDEBECKIA HIRTA)
  - YELLOW YARROW (ACHILLEA FILIPENDULINA)

**GRADING & STORM SEWER PLAN CONSTRUCTION NOTES**

1. STORM SEWER SERVICES: PROVIDE THE FOLLOWING:
  - A. COBBLE RIP RAP.
  - B. PROVIDE 32 SF FTM (4' x 8' AREA)
  - C. PROVIDE 100 SF TRM (11' x 12' AREA)
- A. UTILITY WARNING: THE UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND/OR RECORDS OBTAINED. THE SURVEYOR MAKES NO GUARANTEE THAT THE UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEY FURTHER DOES NOT WARRANT THAT THE UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED.
- B. NOTIFY UTILITY OWNERS PRIOR TO BEGINNING ANY CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR DETERMINING EXISTENCE, EXACT LOCATION AND DEPTH OF ALL UTILITIES. AVOID DAMAGE TO UTILITIES AND SERVICES DURING CONSTRUCTION. ANY DAMAGE DUE TO THE CONTRACTOR'S CARELESSNESS SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE. COORDINATE AND COOPERATE WITH UTILITY COMPANIES DURING CONSTRUCTION.
- C. ALL PROPOSED CONTOURS AND SPOT ELEVATIONS SHOWN ARE FINISHED GRADES AND/OR TOP OF PAVING SLAB (GUTTER), UNLESS OTHERWISE NOTED.
- D. ALL STORM SEWER PIPE LENGTHS ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE AND INCLUDE FLARED END SECTION.
- E. CONTRACTOR TO STRIP AND STOCKPILE TOPSOIL FROM ALL AREAS TO BE CUT OR FILLED. RESPREAD TO MINIMUM 8" DEPTH TO FINISH GRADES.
- F. THE CONTRACTOR IS RESPONSIBLE FOR CLEANING DIRT AND DEBRIS FROM STREETS, DRIVEWAYS, AND SIDEWALKS CAUSED BY CONSTRUCTION ACTIVITIES.
- G. COORDINATE FINAL INTAKE ELEVATIONS IN GARDEN AREA AS PHASED WORK PROGRESSES.

1 RAIN GARDEN DETAIL  
5 NO SCALE



2 MODIFIED OPEN SIDED INTAKE OUTLET STRUCTURE (ST-9A)  
5 NO SCALE

3 CIRCULAR RESTRICTION PLATE DETAIL (ST-8)  
5 NO SCALE

MARK	REVISION	DATE	BY
EDC	Checked By:	11-20	
LFG	Engineer:	08-26-16	
	Technician:	08-26-16	

715 SW ANKENY RD. ANKENY, IA  
2727 SW SNYDER BLVD.  
ANKENY, IOWA 50023  
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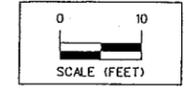
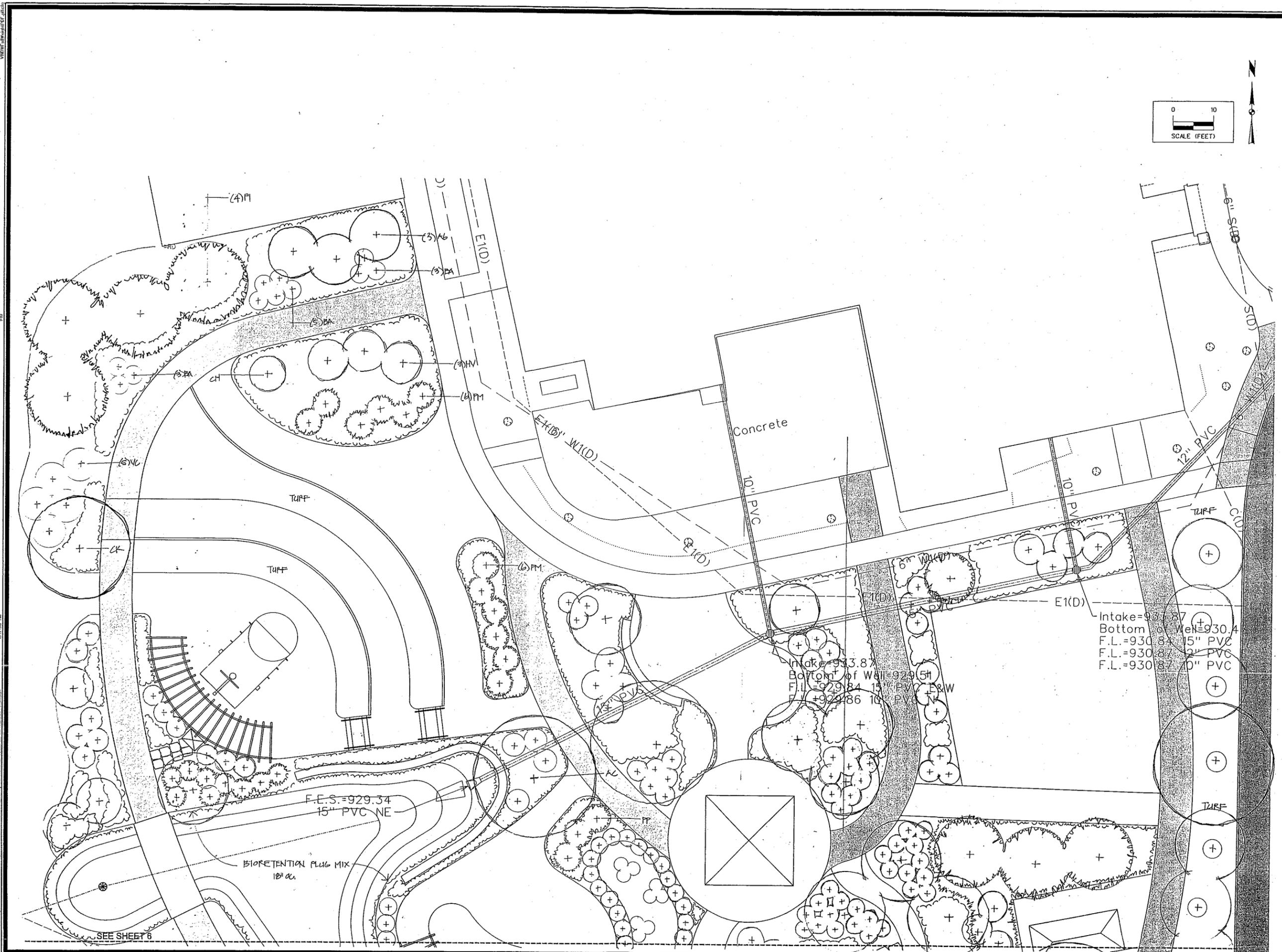
**ON WITH LIFE SITE IMPROVEMENTS**

**GRADING & STORM SEWER PLAN**

**SNYDER & ASSOCIATES, INC.**

Project No: 1151052  
Sheet 5 of 7

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 2727 S.W. SNYDER BLVD. ANKENY, IA 50023  
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MARK	REVISION	DATE	BY
Engineer: EDC	Checked By: TLW	Scale: 1"=10'	
Technician: LFG	Date: 07-22-16	Field Bc:	

Project No: 1151052 Sheet 6 of 7

**ON WITH LIFE SITE IMPROVEMENTS**  
 LANDSCAPE PLAN  
**SNYDER & ASSOCIATES, INC.**  
 ANKENY, IA  
 2727 S.W. SNYDER BLVD.  
 ANKENY, IOWA 50023  
 515-964-2020 | www.snyder-associates.com

**ON WITH LIFE SITE IMPROVEMENTS**  
 LANDSCAPE PLAN  
**SNYDER & ASSOCIATES, INC.**  
 ANKENY, IA  
 2727 S.W. SNYDER BLVD.  
 ANKENY, IOWA 50023  
 515-964-2020 | www.snyder-associates.com

Project No: 1151052  
 Sheet 6 of 7

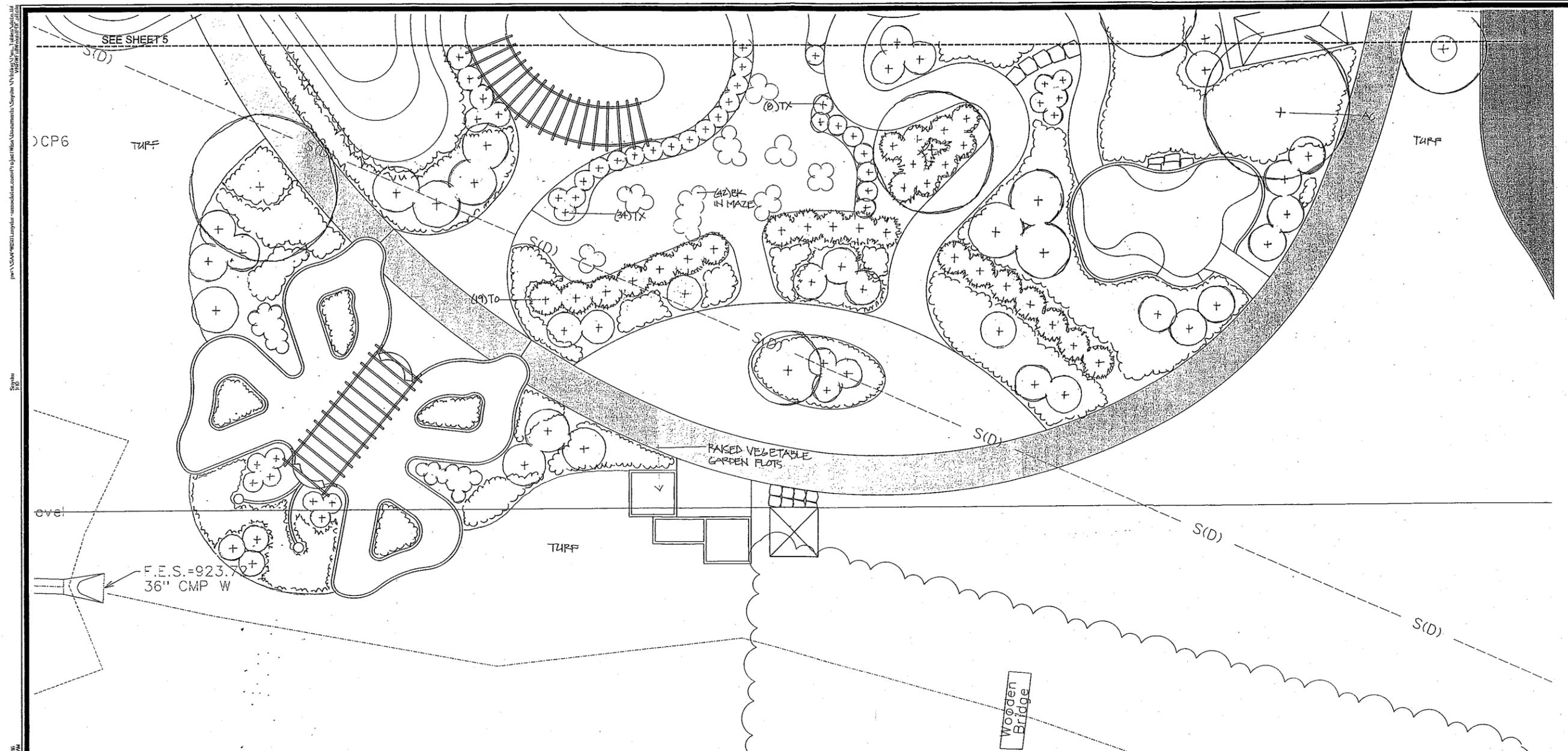
Intake=930.87  
 Bottom of Well=930.4  
 F.L.=930.84 15" PVC  
 F.L.=930.87 12" PVC  
 F.L.=930.87 10" PVC

Intake=933.87  
 Bottom of Well=929.51  
 F.L.=929.84 15" PVC  
 F.L.=929.86 10" PVC

F.E.S.=929.34  
 15" PVC NE

BIORETENTION PLUG MIX  
 12" dia.

SEE SHEET 6



PLANT LIST - CONCEPTUAL

KEY	BOTANICAL NAME	COMMON NAME	KEY	BOTANICAL NAME	COMMON NAME
AK	ABIES KOREANA	KOREAN FIR	JC	JUNIPERUS CHINENSIS 'BLUE POINT'	BLUE POINT JUNIPER
AC	ACER FREEMANII 'CELZAR'	CELEBRATION FREEMAN MAPLE	JH	JUNIPERUS HORIZONTALIS	CREeping JUNIPER
APR	ACER PALMATUM 'BLOSSOMWOOD'	JAPANESE MAPLE	LK	LEUCANTHEMUM X SUPERBUM	SHASTA DAISY
AT	ACER PALMATUM 'TED SELECT'	JAPANESE MAPLE	LS	LIATRIS SPICATA	LIATRIS
AD	ASCLEPIAS TUBEROSA	BUTTERFLY WEED	LT	LIRIOPE SPICATA	APPLE TREE
AJ	AGASTACHE FOENICULUM 'GOLDEN RUBILEE'	GOLDEN RUBILEE ANISE HYSSOP	MS	MALUS 'NORTH STAR'	MALUS
AI	AJUGA REPTANS 'CHOCOLATE CHIP'	BOGE EWEED	MSC	MISCANTHUS SINENSIS 'ADAGIO'	MISCANTHUS SINENSIS
AG	ALBUM FANGUICUM 'SUMMER BEAUTY'	ORANGEHEART ONION	MSC	MISCANTHUS SINENSIS 'GRACILINUS'	MISCANTHUS SINENSIS
AH	ANEMONE X HYBRIDA	AUTUMN BRILLIANCE SERVICEBERRY	MD	MONARDA DIDYMA	MONARDA
AJ	AQUILEGIA CALIFORNICA 'WINKY BLUE & WHITE'	WINKY BLUE & WHITE COLUMBINE	NK	NEPETA X FAASSENI 'WALKER'S LOW'	WALKER'S LOW CATMINT
AR	Asplenium	Asplenium	NT	PACHYSANDRA TERMINALIS	JAPANESE PACHYSANDRA
AN	ASTER NOVY-BELGI 'BALDGO'	NEW ENGLAND ASTER	PN	PANICUM VIRGATUM	SWITCHGRASS
AS	ASTILBE SIMPLAFOOLIA 'WHITE SENSATION'	WHITE SENSATION ASTILBE	PF	PENNSETUM ALOPECUROIDES 'DESERT PLAINS'	DESERT PLAINS FOUNTAIN GRASS
AF	ATHYRIUM FILIX-FOEMINA	LADY FERN	PI	PEROVSKIA ATRIPLEXIFOLIA	FOUNTAIN GRASS
BA	BAPTISIA AUSTRALIS 'PRAIRIE BLUES'	FALSE INDIGO	PL	PHLOX SUBULATA 'WHITE DELIGHT'	MILLSTREAM DAHINE CREEPING PHLOX
BP	BETULA PAPERIFERA 'VAREY PPI15768 PRAIRIE DREAM'	PAPER BIRCH	PS	PHLOX SUBULATA 'WHITE DELIGHT'	WHITE DELIGHT CREEPING PHLOX
BD	BRIDELLA DAWSONI 'BLUE CHIP'	BUTTERFLY BUSH	PA	PICEA ABIES	PICEA
BU	BUNUS SINICA 'WINTERGREEN'	BURNING BUSH	PO	PICEA OMORICA 'NANA'	PICEA
CA	CALAMAGROSTIS X ACUTIFLORA	KARL FORESTER GRASS	PI	PICEA PUNGENSIS	PICEA
CC	CALAMAGROSTIS X ACUTIFLORA	KARL FORESTER GRASS	PC	PINUS CEMBRICA 'GLAUCA'	PINUS
CD	CAREX DOUGLASSII 'KAGA-NISHIN'	GOLD FOUNTAIN SEDGE	PL	PINUS MONOPHYLLA	PINUS
CE	CAREX DOUGLASSII 'KAGA-NISHIN'	GOLD FOUNTAIN SEDGE	PM	PINUS STROBUS 'BLUE STAR'	PINUS
CF	CAREX DOUGLASSII 'KAGA-NISHIN'	GOLD FOUNTAIN SEDGE	PN	PINUS STROBUS 'BLUE STAR'	PINUS
CG	CAREX DOUGLASSII 'KAGA-NISHIN'	GOLD FOUNTAIN SEDGE	PP	PINUS STROBUS 'PENDULA'	PINUS
CH	CARPINUS BETULUS 'TRAHS FOURHANE'	CORKLEAF HORSEBEAN	PR	PRUNUS PERSICA 'TIBBLINGSTAR'	PRUNUS
CI	CARYOPHYLLUS CLAUDIENSIS 'HAMBELP'	PEIT BURNING SEDGE	RI	RHOIS COLLETTII	RHOIS
CO	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	RR	RHOIS COLLETTII	RHOIS
CP	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	RS	RHOIS COLLETTII	RHOIS
CQ	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	RT	RHOIS COLLETTII	RHOIS
CR	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	RU	RHOIS COLLETTII	RHOIS
CS	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	RV	RHOIS COLLETTII	RHOIS
CT	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	RY	RHOIS COLLETTII	RHOIS
CU	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	S	SALIX ALBA 'TRISTIS'	SALIX
CV	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	SA	SALIX PURPUREA 'CANYON BLUE'	SALIX
CW	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	SB	SALIX PURPUREA 'CANYON BLUE'	SALIX
CX	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	SC	SALIX PURPUREA 'CANYON BLUE'	SALIX
CY	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	SD	SALIX PURPUREA 'CANYON BLUE'	SALIX
CA	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	SE	SALIX PURPUREA 'CANYON BLUE'	SALIX
CB	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	SF	SALIX PURPUREA 'CANYON BLUE'	SALIX
CC	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	SG	SALIX PURPUREA 'CANYON BLUE'	SALIX
CD	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	SH	SALIX PURPUREA 'CANYON BLUE'	SALIX
CE	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	SI	SALIX PURPUREA 'CANYON BLUE'	SALIX
CF	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	SK	SALIX PURPUREA 'CANYON BLUE'	SALIX
CG	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	SL	SALIX PURPUREA 'CANYON BLUE'	SALIX
CH	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	SM	SALIX PURPUREA 'CANYON BLUE'	SALIX
CI	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	SN	SALIX PURPUREA 'CANYON BLUE'	SALIX
CJ	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	SO	SALIX PURPUREA 'CANYON BLUE'	SALIX
CK	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	SP	SALIX PURPUREA 'CANYON BLUE'	SALIX
CL	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	SQ	SALIX PURPUREA 'CANYON BLUE'	SALIX
CM	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	SR	SALIX PURPUREA 'CANYON BLUE'	SALIX
CN	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	SS	SALIX PURPUREA 'CANYON BLUE'	SALIX
CO	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	ST	SALIX PURPUREA 'CANYON BLUE'	SALIX
CP	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	SV	SALIX PURPUREA 'CANYON BLUE'	SALIX
CQ	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	SW	SALIX PURPUREA 'CANYON BLUE'	SALIX
CR	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	SX	SALIX PURPUREA 'CANYON BLUE'	SALIX
CS	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	SY	SALIX PURPUREA 'CANYON BLUE'	SALIX
CT	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	SZ	SALIX PURPUREA 'CANYON BLUE'	SALIX
CU	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	TA	SALIX PURPUREA 'CANYON BLUE'	SALIX
CV	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	TB	SALIX PURPUREA 'CANYON BLUE'	SALIX
CW	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	TC	SALIX PURPUREA 'CANYON BLUE'	SALIX
CX	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	TD	SALIX PURPUREA 'CANYON BLUE'	SALIX
CY	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	TE	SALIX PURPUREA 'CANYON BLUE'	SALIX
CA	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	TF	SALIX PURPUREA 'CANYON BLUE'	SALIX
CB	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	TG	SALIX PURPUREA 'CANYON BLUE'	SALIX
CC	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	TH	SALIX PURPUREA 'CANYON BLUE'	SALIX
CD	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	TI	SALIX PURPUREA 'CANYON BLUE'	SALIX
CE	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	TJ	SALIX PURPUREA 'CANYON BLUE'	SALIX
CF	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	TK	SALIX PURPUREA 'CANYON BLUE'	SALIX
CG	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	TL	SALIX PURPUREA 'CANYON BLUE'	SALIX
CH	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	TM	SALIX PURPUREA 'CANYON BLUE'	SALIX
CI	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	TN	SALIX PURPUREA 'CANYON BLUE'	SALIX
CJ	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	TO	SALIX PURPUREA 'CANYON BLUE'	SALIX
CK	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	TP	SALIX PURPUREA 'CANYON BLUE'	SALIX
CL	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	TQ	SALIX PURPUREA 'CANYON BLUE'	SALIX
CM	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	TR	SALIX PURPUREA 'CANYON BLUE'	SALIX
CN	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	TS	SALIX PURPUREA 'CANYON BLUE'	SALIX
CO	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	TT	SALIX PURPUREA 'CANYON BLUE'	SALIX
CP	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	TU	SALIX PURPUREA 'CANYON BLUE'	SALIX
CQ	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	TV	SALIX PURPUREA 'CANYON BLUE'	SALIX
CR	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	TW	SALIX PURPUREA 'CANYON BLUE'	SALIX
CS	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	TX	SALIX PURPUREA 'CANYON BLUE'	SALIX
CT	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	TY	SALIX PURPUREA 'CANYON BLUE'	SALIX
CU	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	TZ	SALIX PURPUREA 'CANYON BLUE'	SALIX
CV	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	UA	SALIX PURPUREA 'CANYON BLUE'	SALIX
CW	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	UB	SALIX PURPUREA 'CANYON BLUE'	SALIX
CX	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	UC	SALIX PURPUREA 'CANYON BLUE'	SALIX
CY	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	UD	SALIX PURPUREA 'CANYON BLUE'	SALIX
CA	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	UE	SALIX PURPUREA 'CANYON BLUE'	SALIX
CB	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	UF	SALIX PURPUREA 'CANYON BLUE'	SALIX
CC	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	UG	SALIX PURPUREA 'CANYON BLUE'	SALIX
CD	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	UH	SALIX PURPUREA 'CANYON BLUE'	SALIX
CE	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	UI	SALIX PURPUREA 'CANYON BLUE'	SALIX
CF	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	UJ	SALIX PURPUREA 'CANYON BLUE'	SALIX
CG	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	UK	SALIX PURPUREA 'CANYON BLUE'	SALIX
CH	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	UL	SALIX PURPUREA 'CANYON BLUE'	SALIX
CI	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	UM	SALIX PURPUREA 'CANYON BLUE'	SALIX
CJ	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	UN	SALIX PURPUREA 'CANYON BLUE'	SALIX
CK	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	UO	SALIX PURPUREA 'CANYON BLUE'	SALIX
CL	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	UP	SALIX PURPUREA 'CANYON BLUE'	SALIX
CM	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	UQ	SALIX PURPUREA 'CANYON BLUE'	SALIX
CN	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	UR	SALIX PURPUREA 'CANYON BLUE'	SALIX
CO	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	US	SALIX PURPUREA 'CANYON BLUE'	SALIX
CP	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	UT	SALIX PURPUREA 'CANYON BLUE'	SALIX
CQ	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	UU	SALIX PURPUREA 'CANYON BLUE'	SALIX
CR	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	UV	SALIX PURPUREA 'CANYON BLUE'	SALIX
CS	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	UW	SALIX PURPUREA 'CANYON BLUE'	SALIX
CT	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	UX	SALIX PURPUREA 'CANYON BLUE'	SALIX
CU	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	UY	SALIX PURPUREA 'CANYON BLUE'	SALIX
CV	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	UZ	SALIX PURPUREA 'CANYON BLUE'	SALIX
CW	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	VA	SALIX PURPUREA 'CANYON BLUE'	SALIX
CX	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	VB	SALIX PURPUREA 'CANYON BLUE'	SALIX
CY	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	VC	SALIX PURPUREA 'CANYON BLUE'	SALIX
CA	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	VD	SALIX PURPUREA 'CANYON BLUE'	SALIX
CB	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	VE	SALIX PURPUREA 'CANYON BLUE'	SALIX
CC	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	VF	SALIX PURPUREA 'CANYON BLUE'	SALIX
CD	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	VG	SALIX PURPUREA 'CANYON BLUE'	SALIX
CE	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	VH	SALIX PURPUREA 'CANYON BLUE'	SALIX
CF	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	VI	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CG	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	VJ	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CH	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	VK	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CI	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	VL	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CJ	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	VM	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CK	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	VN	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CL	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	VO	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CM	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	VP	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CN	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	VQ	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CO	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	VR	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CP	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	VS	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CQ	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	VT	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CR	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	VU	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CS	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	VV	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CT	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	UV	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CU	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	VW	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CV	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	VX	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CW	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	VY	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CX	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	VZ	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CY	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	WA	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CA	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	WB	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CB	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	WC	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CC	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	WD	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CD	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	WE	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CE	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	WF	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CF	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	WG	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CG	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	WH	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CH	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	WI	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CI	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	WJ	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CJ	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	WK	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CK	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	WL	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CL	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	WM	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CM	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	WN	VIBURNUM CARLESEI	VIBURNUM CARLESEI
CN	CHAMAECYPARUS CRISTATA 'NANA GRACILIS'	DWARF HUNTON CYPRESS	WO	VIBURNUM CARLESEI	