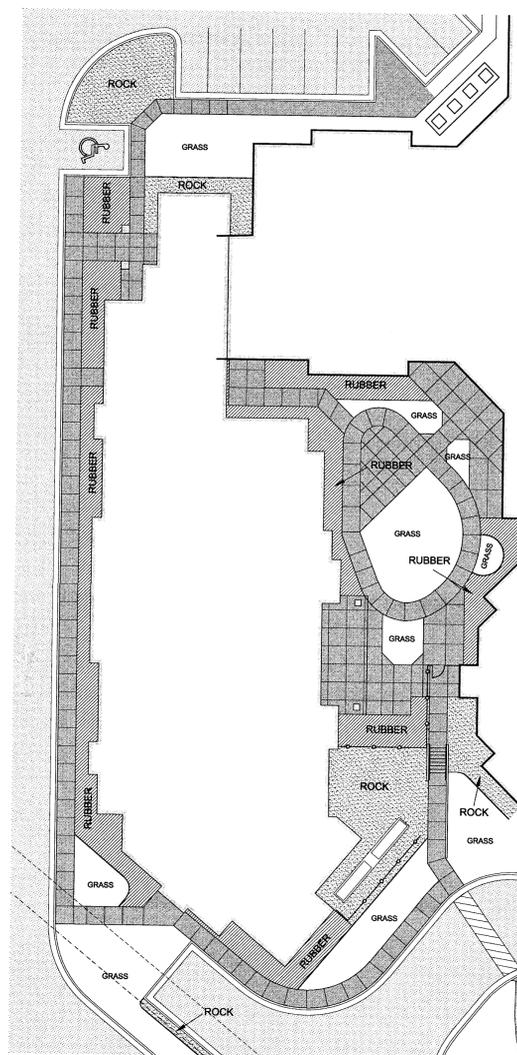


MEMORY CARE LANDSCAPING PLAN 1

SCALE: 1" = 10'



LANDSCAPE MULCH PLAN

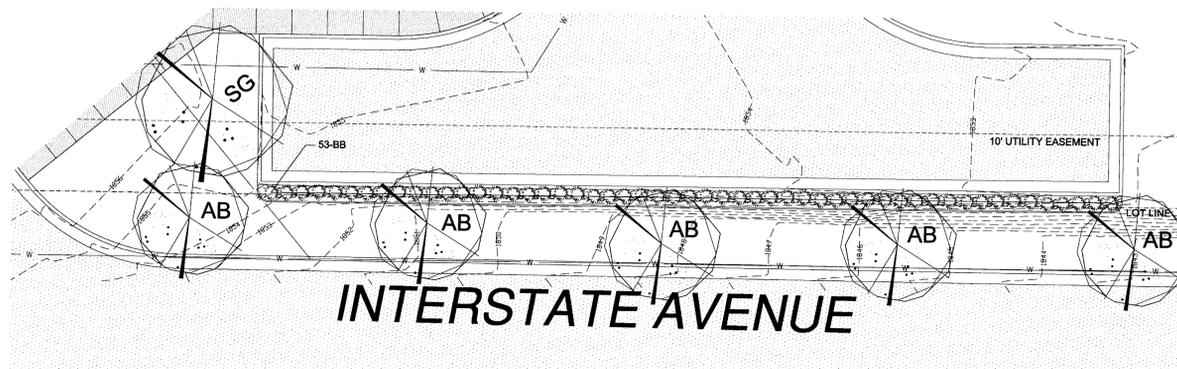
SCALE: 1" = 20'

MEMORY CARE ADDITION - LANDSCAPE NOTES

THERE ARE SEVERAL EXISTING TREES IN THIS LOCATION THAT ARE TO REMAIN AFTER CONSTRUCTION. REVIEW NOTES REGARDING LANDSCAPING TO BE SAVED ON SHEET L1.0 AND PROVIDE PROPER SAFEGUARDS TO ENSURE PLANT HEALTH.

ALL LANDSCAPING THAT IS TO REMAIN MUST BE IRRIGATED DURING CONSTRUCTION. INSTALL TEMPORARY IRRIGATION AS NECESSARY, OR COORDINATE WITH GROUNDSKEEPING STAFF TO ENSURE ALL PLANTS ARE HAND WATERED BI-WEEKLY DURING CONSTRUCTION, OR UNTIL THE IRRIGATION SYSTEM IS OPERATIONAL.

WHERE PROPOSED PLANTING BEDS MEET EXISTING PLANTING BEDS, CONTRACTOR SHALL RAKE BACK EXISTING MULCH MATERIAL AND OVERLAP PROPOSED LANDSCAPE FABRIC A MINIMUM OF 12". RAKE BACK EXISTING ROCK AND TOPDRESS EXISTING PLANTING BED AS NECESSARY TO CREATE A HOMOGENOUS PLANTING BED APPEARANCE.



MEMORY CARE LANDSCAPING PLAN 2

SCALE: 1" = 10'

PLANT PALETTE - MEMORY CARE LANDSCAPE PLAN ONLY

SYM.	COMMON NAME	SCIENTIFIC NAME	SIZE	QNTY.
AB	AUTUMN BLAZE MAPLE	<i>Acer x freemanii 'Jefferson'</i>	2' Cal.	5
HL	NORTHERN ACCLAIM HONEYLOCUST	<i>Gleditsia triacanthos var. inermis 'Harve'</i>	2' Cal.	3
SG	SIENNA GLEN MAPLE	<i>Acer freemanii 'Sienna'</i>	2' Cal.	1
SS	SPRING SNOW CRABAPPLE	<i>Malus Spring Snow</i>	2' Cal.	3
ST	SWISS STONE PINE	<i>Pinus cembra</i>	6' +	3
TH	TOBA HAWTHORN	<i>Crataegus x mordanensis 'Toba'</i>	1' Cal.	2
AF	ARCTIC FIRE DOGWOOD	<i>Cornus stolonifera 'Tarrow'</i>	2 Gallon	23
BF	BUFFALO JUNIPER	<i>Juniperus sibirica 'Buffalo'</i>	2 Gallon	16
DK	DWARF KOREAN LILAC	<i>Syringa meyeri 'Palbin'</i>	2 Gallon	30
EU	PIFFSQUEL BURNING BUSH	<i>Eurogymnus alatus 'Pipzani'</i>	2 Gallon	10
MP	MOPS MUGO PINE	<i>Pinus mugo 'Mops'</i>	2 Gallon	4
NA	TAYLOR EASTERN REDCEDAR	<i>Juniperus virginiana Taylor'</i>	6' +	13
NF	NEON FLASH SPREA	<i>Spiraea japonica 'Neon Flash'</i>	2 Gallon	14
TS	TOR BIRCHLEAF SPREA	<i>Spiraea betulifolia Tor'</i>	2 Gallon	7
TY	TAUNTON SPREADING YEW	<i>Taxus x media 'Taunton'</i>	2 Gallon	5
VB	MOHICAN VIBURNUM	<i>Viburnum lentana 'Mohican'</i>	2 Gallon	3
BB	BIG BULLESTEM	<i>Andropogon gerardii</i>	1 Gallon	68
BG	LOOKING GLASS SIBERIAN BUGLOSS	<i>Brunnera macrophylla 'Looking Glass'</i>	1 Gallon	13
BL	BRIGHT LIGHTS PLANTAIN LILY	<i>Hosta x Bright Lights'</i>	1 Gallon	6
BV	BRIDAL VEIL ASTILBE	<i>Astilbe x arendsi 'Bridal Veil'</i>	1 Gallon	15
CB	AMETHYST MIST CORAL BELLS	<i>Heuchera x Amethyst Mist'</i>	1 Gallon	15
DL	STELLA DE ORO DWARF DAYLILY	<i>Hemerocallis x Stella de Oro'</i>	1 Gallon	9
ED	GUACAMOLE PLANTAIN LILY	<i>Hosta x Guacamole'</i>	1 Gallon	6
GF	KORBOLD GAYFEATHER	<i>Liatris spicata 'Korbold'</i>	1 Gallon	13
MN	MAY NIGHT SALVIA	<i>Salvia 'May Night'</i>	1 Gallon	29
KF	KARL FOERSTER	<i>Calluna major x oculiflora 'Karl Foerster'</i>	1 Gallon	9

* PLANT PALETTE QUANTITIES ARE FOR CONTRACTOR CONVENIENCE ONLY. VERIFY QUANTITIES VERSUS PLAN VIEW QUANTITIES. WHERE DISCREPANCIES EXIST, PLAN VIEW QUANTITIES SHALL BE USED.

LANDSCAPING LEGEND

- CONCRETE SIDEWALK (SEE CIVIL SHEETS)
- PARKING LOT PAVING (SEE CIVIL SHEETS)
- CURB & GUTTER (SEE CIVIL SHEETS)
- PROPOSED PLANT MATERIAL
- PROPOSED EDGING
- PROPOSED BOULDER
- PROPOSED ROCK MULCH
- PROPOSED RUBBER MULCH
- EASEMENT
- LOT LINE
- PROPOSED CONTOUR
- STORM SEWER
- SANITARY SEWER
- WATERLINE



0' 5' 10' 20'
Scale: 1"=10'

MEMORY CARE ADDITION - IRRIGATION NOTES

AN EXISTING IRRIGATION SYSTEM IS IN PLACE. PORTIONS OF THIS SYSTEM WILL BE REMOVED OR DESTROYED DURING CONSTRUCTION. CONTRACTOR TO CAP ALL ZONES THAT ARE TO BE REMOVED OR DESTROYED BEFORE WORK BEGINS. ALL IRRIGATION ZONES THAT ARE OUTSIDE OF THE CONSTRUCTION LIMITS ARE TO REMAIN IN USE DURING CONSTRUCTION. IF ANY BE NECESSARY TO PROVIDE TEMPORARY MAINLINE BY-PASSES TO KEEP THE SYSTEM ACTIVE. CONTRACTOR TO COORDINATE CAPPING AND TEMPORARY BY-PASSES BEFORE CONSTRUCTION BEGINS.

CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR OR REPLACE ANY IRRIGATION COMPONENTS DAMAGED DURING CONSTRUCTION OF THIS BUILDING ADDITION. NEW IRRIGATION SHALL BE ADDED WHERE NEEDED TO PROVIDE ADEQUATE IRRIGATION FOR ALL LAWN AND PLANTING BEDS. CONTRACTOR SHALL DESIGN AND PROVIDE A PRICE FOR NEW & REPAIRED IRRIGATION SYSTEM COMPONENTS BASED ON THE FOLLOWING PERFORMANCE SPECIFICATIONS:

ALL IRRIGATION MAINLINES SHALL BE CLASS 160 PVC PIPE BURIED TO A DEPTH OF AT LEAST 18". ALL IRRIGATION LATERAL LINES SHALL BE #100 POLYETHYLENE TUBING INSTALLED TO A DEPTH OF AT LEAST 12". WHEREVER IRRIGATION LINES ARE RAN BENEATH PAVING, SIDEWALKS, OR OTHER PERMANENT HARD SURFACING, THEY SHALL BE INSTALLED INSIDE OF CLASS 35 PVC CONDUITS. CONDUITS SHALL BE INSTALLED A MINIMUM OF 6" BEYOND THE HARD SURFACING.

IRRIGATION POP-UP MISTERS SHALL BE RAINBIRD 1804'S OR OTHER APPROVED EQUAL. IRRIGATION ROTORS SHALL BE RAINBIRD 33001'S OR RAINBIRD 3000'S OR OTHER APPROVED EQUAL. IRRIGATION ROTORS AND MISTERS SHALL BE SPACED TO ENSURE 100% HEAD TO HEAD COVERAGE. OVERSPRAY SHALL BE MINIMIZED ONTO PAVEMENT, SIDEWALKS, AND BUILDINGS. IRRIGATION HEADS SHALL BE INSTALLED ON SWING PIPES ACCORDING TO MANUFACTURER'S SPECIFICATIONS.

ALL PLANTING BEDS SHALL BE INSTALLED WITH RAINBIRD LANDSCAPE DRIPLINE LD-9-12 OR APPROVED EQUAL. LANDSCAPE DRIPLINE SHALL BE SECURED TO THE GROUND USING #1 LANDSCAPE STAPLES INSTALLED A MINIMUM OF EVERY 4' ALONG THE LENGTH OF THE PIPE. DRIPLINE SHALL BE INSTALLED SO THAT A MINIMUM OF 2 DRIP EMITTERS ARE LOCATED WITHIN 6" OF EACH SHRUB OR PERENNIAL ON SITE. WHEN PLANTED IN LANDSCAPE BEDS, EACH TREE SHALL HAVE A MINIMUM OF 4 DRIP EMITTERS LOCATED OVER THE TOP OF THE ROOTBALL. TREES NOT PLANTED IN LANDSCAPE BEDS SHALL BE IRRIGATED WITH OVERSPRAY FROM LAWN MISTERS.

IRRIGATION ZONE VALVES FOR MISTERS AND ROTORS SHALL BE RAINBIRD F2B ZONE VALVES OR APPROVED EQUAL. IRRIGATION ZONE VALVES FOR LANDSCAPE DRIPLINE SHALL BE X2Z SERIES VALVES OR APPROVED EQUAL. A MINIMUM OF 2 QUICK COUPLERS SHALL BE INSTALLED ON THE MAINLINE FOR WINTERIZATION. QUICK COUPLER VALVES SHALL BE AS MANUFACTURED BY RAINBIRD OR OTHER APPROVED MANUFACTURER. ALL VALVES SHALL BE INSTALLED INSIDE OF APPROPRIATELY SIZED ZONE VALVE BOXES AS MANUFACTURED BY NDS OR OTHER APPROVED MANUFACTURER.

AN EXISTING CONTROL CLOCK IS INSTALLED INSIDE OF THE BUILDING. CONTRACTOR SHALL ENSURE THAT THERE ARE AN ADEQUATE NUMBER OF ZONES AVAILABLE FOR THE EXISTING SYSTEM AS WELL AS THE PROPOSED ZONES, PLUS AT LEAST 4 ADDITIONAL UNUSED ZONES IN THE EVENT THE SYSTEM IS ADDED TO IN THE FUTURE. IF THERE ARE NOT ENOUGH AVAILABLE ZONES, THE IRRIGATION CONTROLLER SHALL BE REPLACED WITH A RAINBIRD ESP MODEL CONTROLLER HAVING ADEQUATE ZONES AS DESCRIBED ABOVE.

IRRIGATION CONTRACTOR SHALL PROGRAM THE CLOCK TO PROVIDE A MINIMUM OF 1" OF MOISTURE IN 7 DAYS WITHIN THE IRRIGATION LIMITS. AFTER PROGRAMMING, IRRIGATION CONTRACTOR SHALL TRAIN THE OWNER IN THE CORRECT OPERATIONAL PROCEDURES OF THE SYSTEM. FINAL ACCEPTANCE WILL NOT OCCUR UNTIL THIS HAS HAPPENED.

IRRIGATION CONTRACTOR SHALL PROVIDE A LAMINATED AND WATER PROOF COPY OF AN AS-BUILT DRAWING OF THE IRRIGATION SYSTEM FOR THE OWNER'S REFERENCE. THIS AS-BUILT DRAWING SHALL SHOW THE FINAL INSTALLED LOCATION OF ALL IRRIGATION LINES, LINE SIZES, ZONE VALVES, HEADS, AND OTHER MISCELLANEOUS COMPONENTS. ZONE VALVES SHALL BE LABELED WITH THE CORRECT ZONE NUMBER AS PROGRAMMED IN THE CONTROL CLOCK.

IRRIGATION CONTRACTOR SHALL INCLUDE THE FIRST YEARS WINTERIZATION IN THE COST OF THE PROJECT. IRRIGATION CONTRACTOR SHALL CONTACT THE OWNER BEFORE WINTERIZATION OCCURS TO PROPERLY EDUCATE THE OWNER ON THE CORRECT PROCEDURES TO FOLLOW DURING WINTERIZATION.

IRRIGATION CONTRACTOR SHALL FOLLOW ALL RECOMMENDED PRACTICES AS SET FORTH BY THE MANUFACTURER'S SPECIFICATIONS AND THE IRRIGATION ASSOCIATION.

I hereby certify that this plan specification, or report was prepared by me or under my direct supervision, and that I am a duly Registered Landscape Architect under the laws of the State of Oregon.
JACOB L. AXTMAN, ASLA
Date: 03-23-15 Ref. No. 35

CONSULTANT:



PROJECT NUMBER:

Touchmark on West Century -

1000 West Century Av
Bismarck, ND 58503



SHEET TITLE:

MEMORY CARE ADDITION LANDSCAPE PLAN

DRAWN BY: Jaha
DATE ISSUED: 3/2