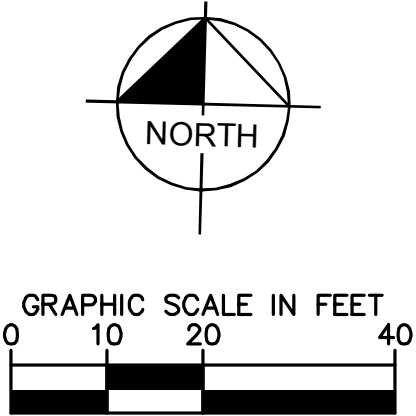
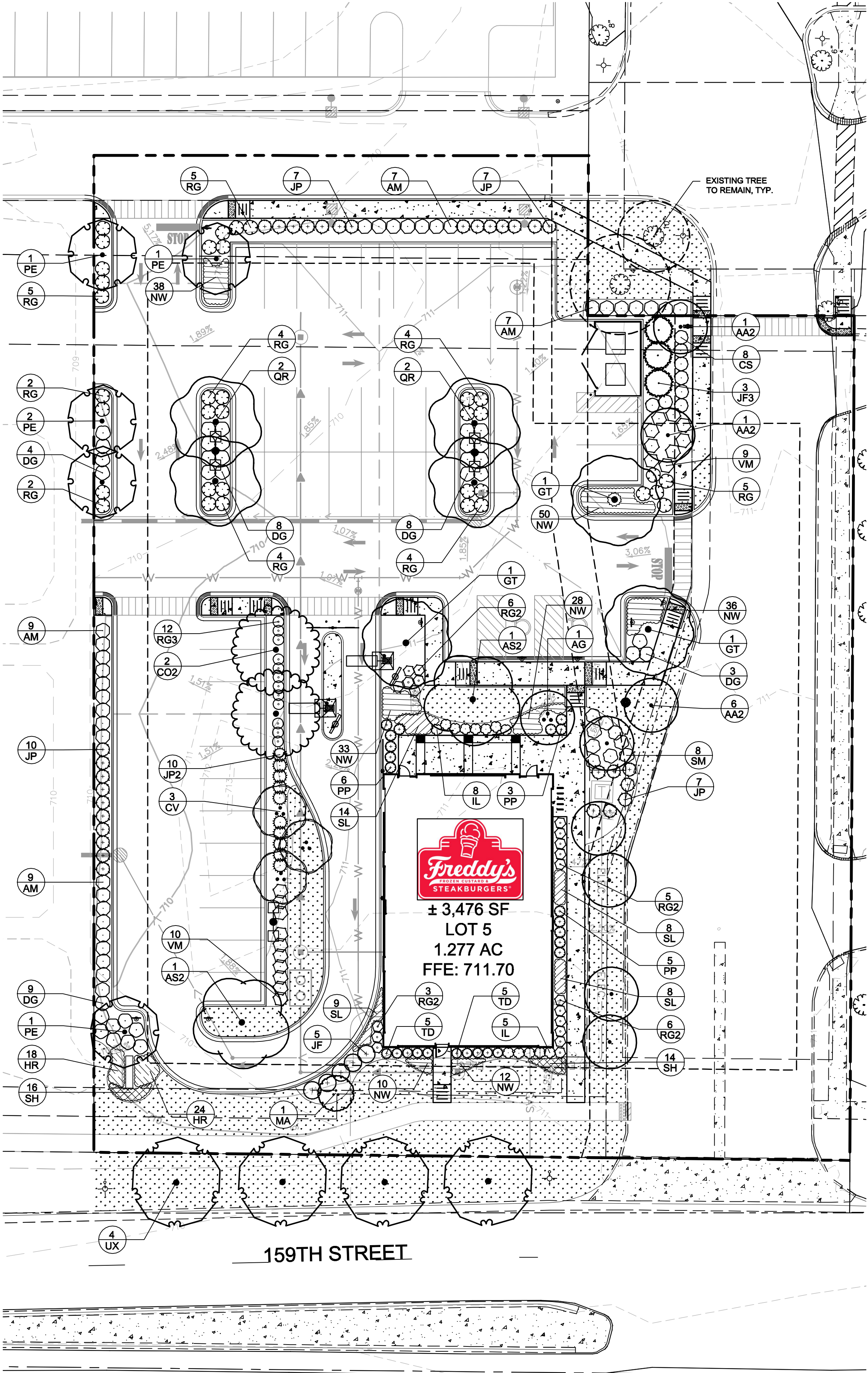


Drawing name: K:\CH\LD\168530000_Freddy's Frozen Custard_Orland Park_IL\3 Design\CD\PlanSheets\L1.0 - LANDSCAPE PLAN.dwg L1.0 May 24, 2017 3:50pm by: Jason Cooper
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LANDSCAPE NOTES

1. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING MATERIALS AND PLANTS SHOWN ON THE LANDSCAPE PLAN. THE CONTRACTOR IS RESPONSIBLE FOR THE COST TO REPAIR UTILITIES, ADJACENT LANDSCAPE, PUBLIC AND PRIVATE PROPERTY THAT IS DAMAGED BY THE CONTRACTOR OR THEIR SUBCONTRACTOR'S OPERATIONS DURING INSTALLATION OR DURING THE SPECIFIED MAINTENANCE PERIOD. CALL FOR UTILITY LOCATIONS PRIOR TO ANY EXCAVATION.
2. THE CONTRACTOR SHALL REPORT ANY DISCREPANCY IN PLAN VS. FIELD CONDITIONS IMMEDIATELY TO THE LANDSCAPE ARCHITECT, PRIOR TO CONTINUING WITH THAT PORTION OF WORK.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY OF THEIR TRENCHES OR EXCAVATIONS THAT SETTLE.
4. ALL NURSERY STOCK SHALL BE WELL BRANCHED, HEALTHY, FULL, PRE-INOCULATED AND FERTILIZED. DECIDUOUS TREES SHALL BE FREE OF FRESH SCARS. TRUNKS WILL BE WRAPPED IF NECESSARY TO PREVENT SUN SCALD AND INSECT DAMAGE. THE LANDSCAPE CONTRACTOR SHALL REMOVE THE WRAP AT THE PROPER TIME AS A PART OF THIS CONTRACT.
5. ALL NURSERY STOCK SHALL BE GUARANTEED, BY THE CONTRACTOR, FOR ONE YEAR FROM DATE OF FINAL INSPECTION.
6. AMENDED SOIL SHALL BE PROVIDED AND GRADED BY THE GENERAL CONTRACTOR UP TO 6 INCHES BELOW FINISHED GRADE IN TURF AREAS AND 18 INCHES IN PLANTING AREAS.
7. PLANTING AREA SOIL SHALL BE AMENDED WITH 25% SPHANGUM PEATMOSS, 5% HUMUS AND 65% PULVERIZED SOIL FOR ALL SHRUB, ORNAMENTAL GRASS, PERENNIAL AND ANNUAL BEDS. AMENDED TURF AREA SOIL SHALL BE STANDARD TOPSOIL.
8. SEED/SOD LIMIT LINES ARE APPROXIMATE. CONTRACTOR SHALL SEED/SOD ALL AREAS WHICH ARE DISTURBED BY GRADING WITH THE SPECIFIED SEED/SOD MIXES.
9. CONTRACTOR SHALL INSTALL SHREDDED HARDWOOD MULCH AT A 3" DEPTH TO ALL TREES, SHRUB, PERENNIAL, AND GROUND COVER AREAS. TREES PLACED IN AREA COVERED BY TURF SHALL RECEIVE A 4 FT WIDE MAXIMUM TREE RING WITH 3" DEPTH SHREDDED HARDWOOD MULCH. A SPADED BED EDGE SHALL SEPARATE MULCH BEDS FROM TURF OR SEEDED AREAS. A SPADED EDGE IS NOT REQUIRED ALONG CURBED EDGES.
10. INSTALLATION OF TREES WITHIN PARKWAYS SHALL BE COORDINATED IN THE FIELD WITH LOCATIONS OF UNDERGROUND UTILITIES. TREES SHALL NOT BE LOCATED CLOSER THAN 5' FROM UNDERGROUND UTILITY LINES AND NO CLOSER THAN 10' FROM UTILITY STRUCTURES.
11. DO NOT DISTURB THE EXISTING PAVING, LIGHTING, OR LANDSCAPING THAT EXISTS ADJACENT TO THE SITE UNLESS OTHERWISE NOTED ON PLAN.
12. PLANT QUANTITIES SHOWN ARE FOR THE CONVENIENCE OF THE OWNER AND JURISDICTIONAL REVIEW AGENCIES. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL PLANT QUANTITIES AS DRAWN.
13. THE OWNER'S REPRESENTATIVE MAY REJECT ANY PLANT MATERIALS THAT ARE DISEASED, DEFORMED, OR OTHERWISE NOT EXHIBITING SUPERIOR QUALITY.
14. THE CONTINUED MAINTENANCE OF ALL REQUIRED LANDSCAPING SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY ON WHICH SAID MATERIALS ARE REQUIRED. ALL PLANT MATERIALS REQUIRED BY THIS SECTION SHALL BE MAINTAINED AS LIVING VEGETATION AND SHALL BE PROMPTLY REPLACED IF THE PLANT MATERIAL HAS DIED PRIOR TO FINAL ACCEPTANCE. PLANTING AREAS SHALL BE KEPT FREE OF TRASH, LITTER, AND WEEDS AT ALL TIMES.



LANDSCAPE REQUIREMENT CALCULATIONS		
ORDINANCE	REQUIREMENT CALCULATION	LANDSCAPING PROVIDED
6-305-D.2 - LANDSCAPE PARKWAYS: 159TH STREET	PARKWAY TREES SPACED 40' O.C. PARKWAY LENGTH EXCLUDING ACCESS DRIVE = 146 LF 146 / 40 = 4 TREES	4 TREES
6-305-D.3 - LANDSCAPE CORRIDORS: 159TH STREET (ARTERIAL CORRIDOR)	4 SHADE TREES, 2 ORNAMENTAL OR EVERGREEN TREES PER 100' CORRIDOR LENGTH EXCLUDING ACCESS DRIVE = 146 LF 146 / 100 = 1.46 1.46 X 4 = 6 SHADE TREES 1.46 X 2 = 3 ORNAMENTAL OR EVERGREEN TREES	6 SHADE TREES (5 LOCATED INTERNALLY TO SITE) 3 ORNAMENTAL TREES (LOCATED INTERNALLY TO SITE)
6-305-D.4 - LANDSCAPE BUFFERYARDS: EAST PROPERTY LINE	TYPE 1 BUFFER YARD: 3 SHADE TREES, 1 ORNAMENTAL OR EVERGREEN TREE, 16 SHRUBS PER 100' PROPERTY LINE LENGTH = 273 LF 273 / 100 = 2.73 2.73 X 3 = 9 SHADE TREES 2.73 X 1 = 3 ORNAMENTAL OR EVERGREEN TREES 2.73 X 16 = 45 SHRUBS	1 EXISTING SHADE TREE 8 PROPOSED SHADE TREES 3 EVERGREEN TREES 45 SHRUBS
6-305-D.4 - LANDSCAPE BUFFERYARDS: NORTH PROPERTY LINE	NA - NORTH BUFFER YARD PLANTINGS PROVIDED OFF LOT AS PART OF OVERALL DEVELOPMENT LANDSCAPE REQUIREMENTS.	NA
6-305-D.4 - LANDSCAPE BUFFERYARDS: WEST PROPERTY LINE	NA - WEST BUFFER YARD PLANTINGS PROVIDED OFF LOT AS PART OF OVERALL DEVELOPMENT LANDSCAPE REQUIREMENTS.	NA
6-305-D.5.a - FOUNDATION LANDSCAPING	A MINIMUM 10' WIDE ON AVERAGE FOUNDATION LANDSCAPE AREA ALONG 100% OF ALL BUILDING FACADES FRONTING PUBLIC STREETS, EXCEPT WHERE BUILDING ACCESS WALKWAYS / DRIVEWAYS OR EMERGENCY SERVICE CONNECTIONS ARE NECESSARY. A MINIMUM 7' WIDE FOUNDATION LANDSCAPE AREA SHALL BE PROVIDED ALONG 50% OF ALL BUILDING FACADES NOT FRONTING A PUBLIC STREET, EXCEPT WHERE BUILDING ACCESS WALKWAYS / DRIVEWAYS OR EMERGENCY SERVICE CONNECTIONS ARE NECESSARY. ON AVERAGE, A MINIMUM OF 1 ORNAMENTAL TREE AND SIXTEEN SHRUBS OR ORNAMENTAL GRASSES FOR EVERY 100' OF BUILDING FACE	CONTINUOUS FOUNDATION LANDSCAPING, COMPRISED OF ORNAMENTAL TREES, SHRUBS, GROUND COVER, AND TURF GRASS, AROUND PERIMETERS OF ALL BUILDINGS, EXCEPT WHERE WALKWAYS / DRIVEWAYS OR EMERGENCY SERVICE CONNECTIONS ARE NECESSARY
6-305-D.5.b - INTERIOR LOT LANDSCAPING	A MINIMUM OF 1 TREE PER 10,000 SF OF LOT AREA APPROX. LOT AREA = 55,627 SF 55,627 / 10,000 = 6 TREES	1 EXISTING TREE 5 PROPOSED SHADE TREES
6-305-D.6.a.1 - PERIMETER PARKING LOT SCREENING	ALL PARKING LOTS SIGNIFICANTLY SCREENED FROM ADJACENT PROPERTIES AND STREETS	PARKING LOTS SCREENED FROM ADJACENT PROPERTIES AND STREETS WITH SHRUB HEDGES
6-305-D.6.a.2 - PARKING LOT ISLAND LANDSCAPING	1 PARKING LOT ISLAND FOR EVERY 10 PARKING SPACES. 1 SHADE TREE PER PARKING ISLAND. SHRUBS, ORNAMENTAL GRASSES, PERENNIALS AND GROUND COVERS IN ADDITION TO TREES IN ISLANDS. TOTAL PARKING SPACES = 42 42 / 10 = 5 ISLANDS / TREES	9 ISLANDS 9 SHADE TREES
6-305-D.7 - SIGNAGE LANDSCAPE	A MINIMUM 5' WIDE ON AVERAGE LANDSCAPE PLANTING BED AROUND THE ENTIRE BASE OF ALL GROUND SIGNS	A MINIMUM 5' AVERAGE WIDTH LANDSCAPE BED AROUND GROUND SIGN
6-305-D.8 - STORM WATER MANAGEMENT AREA LANDSCAPE	NA - DETENTION TO BE PROVIDED OFF SITE	NA

BOARD APPROVED

Case No: 2017-0490

Date: 07/17/2017

W/Conditions:

W/Out Conditions: X

VILLAGE OF ORLAND PARK

COOK / WILL COUNTY, IL

SCALE: AS NOTED

DESIGNED BY: AWS

DRAWN BY: AWS

CHECKED BY: JC

Kimley»Horn

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111 WEST JACKSON BLVD., SUITE 700
PHOENIX, AZ 85004
WWW.KIMLEY-HORN.COM

Freddy's

STEAKBURGERS®

FREDDY'S FROZEN CUSTARD

7402 W. 159TH STREET
ORLAND PARK, IL 60462

LANDSCAPE PLAN

ORIGINAL ISSUE:
3/3/2017
KHA PROJECT NO.
168530000
SHEET NUMBER

L1.0

VILLAGE COMMENTS

5/24/2017

TR

VILLAGE COMMENTS

4/26/2017

TR

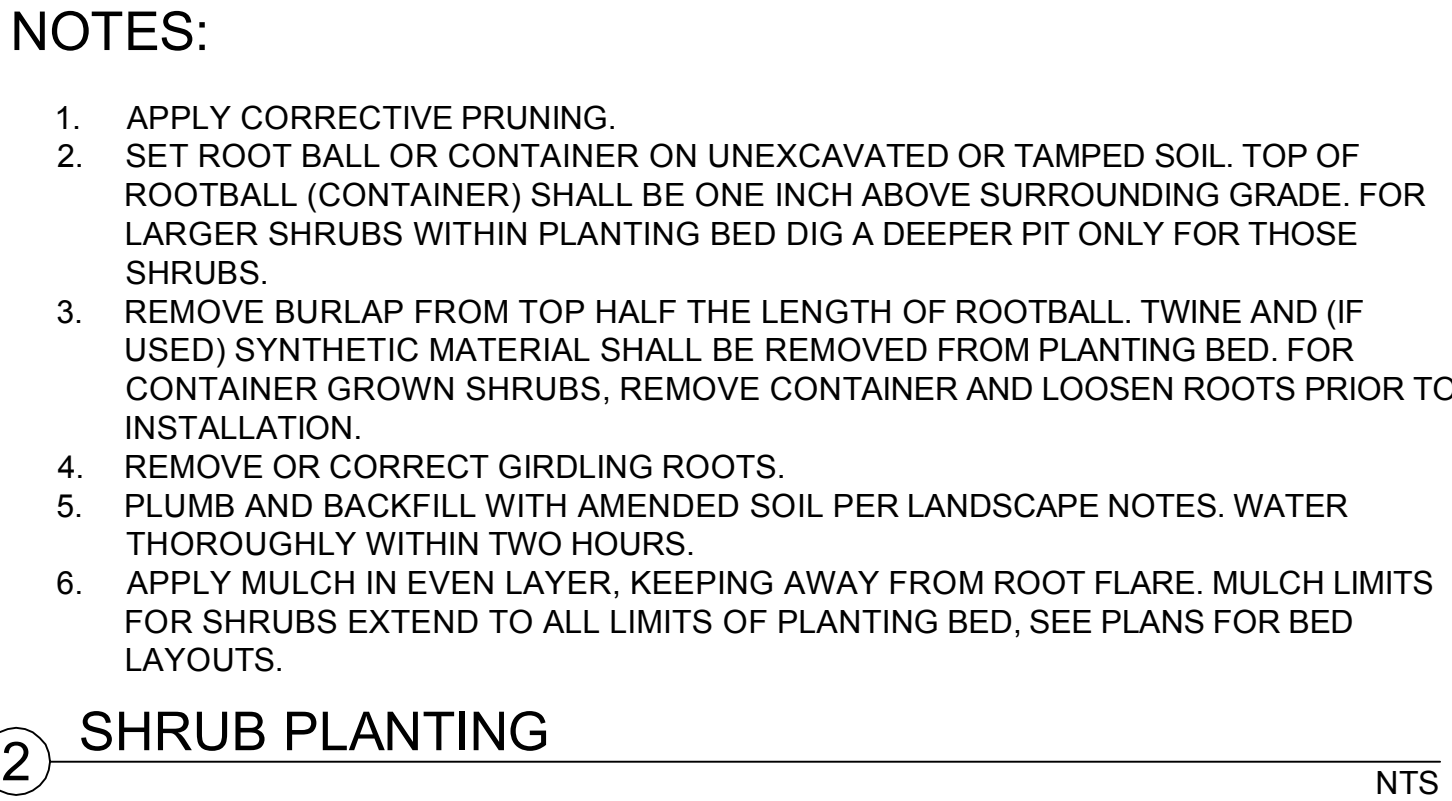
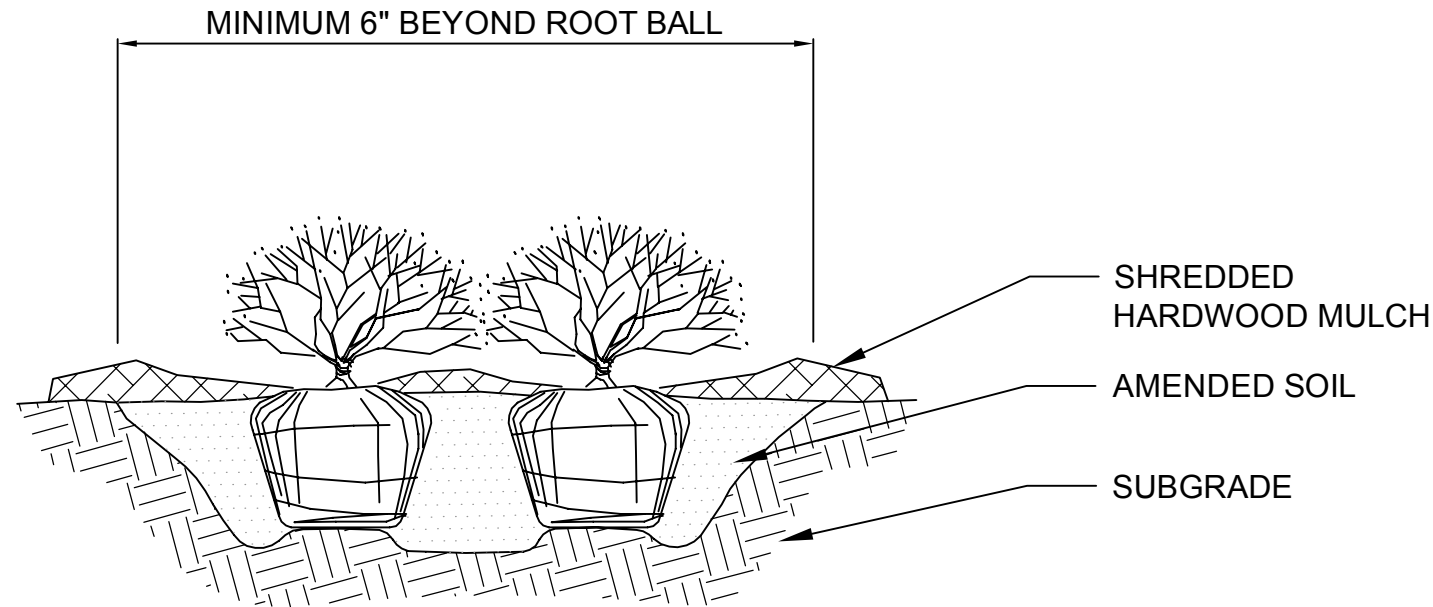
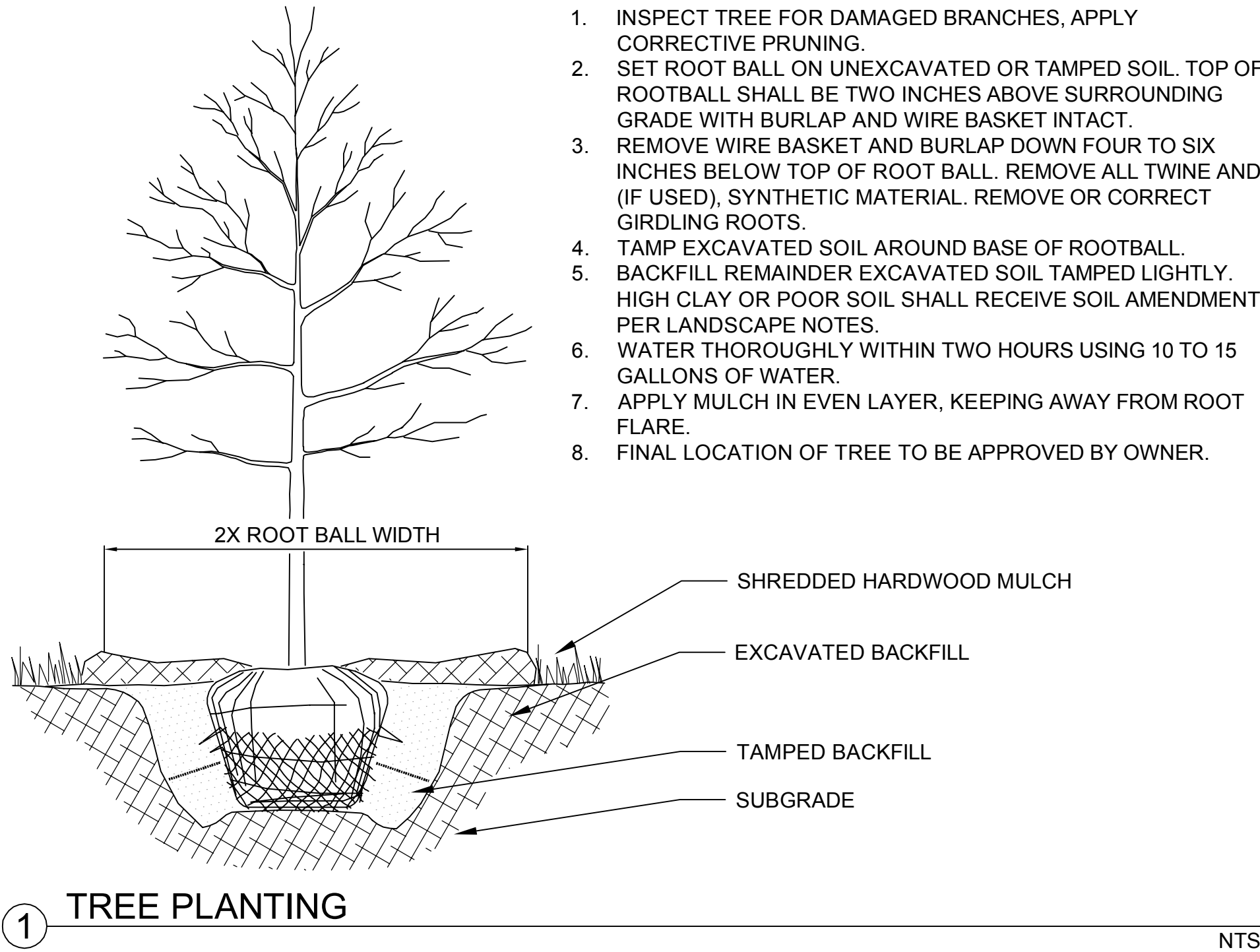
REVISIONS

No.

DATE

BY

Drawing name: K:\CHL\DESIGN\168530000_Freddy's Frozen Custard_Orland Park_IL\2 Design\CD\PlanSheets\L2.0 - LANDSCAPE PLANNING L2.0 May 24, 2017 3:50pm by: Jane Cooper
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Case No: 2017-0490

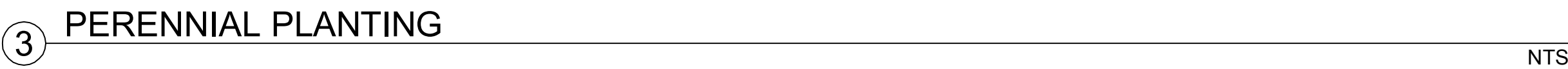
Date: 07/17/2017

W/Conditions:

W/Out Conditions: X

VILLAGE OF ORLAND PARK

SECTION



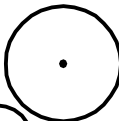



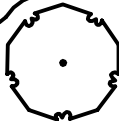



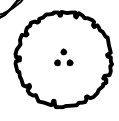

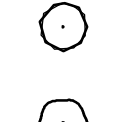

















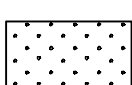

VG, SEE PLANS FOR DETAILS

- LEAF MULCH
- SPADED BED EDGE
- AMENDED SOIL
- SUBGRADE

NOTES:

1. EXCAVATE PLANTING BED.
2. BED HEIGHT IS TO BE 2" ABOVE FINISH GRADE AND WELL DRAINED.
3. REMOVE CONTAINER, SCORE SOIL MASS TO REDIRECT AND PREVENT CIRCLING ROOTS. CORRECT GIRDLING ROOTS.
2. PLANT MATERIAL SHALL BE LAID OUT BY FOLLOWING THE BED EDGE, WORKING TOWARDS THE CENTER OF THE BED USING TRIANGULAR (STAGGERED) SPACING AS PLAUSIBLE.
3. PLUMB AND BACKFILL WITH PLANTING MIX AS SPECIFIED IN LANDSCAPE NOTES.
4. APPLY MULCH IN EVEN LAYER, KEEPING AWAY FROM ROOT FLARE. MULCH LIMITS FOR PERENNIALS/GROUNDCOVER EXTEND TO ALL LIMITS OF PLANTING BED. SEE PLANS FOR BED LAYOUTS.
5. SPACING TO BE AS SPECIFIED IN THE PLANT LIST. PERENNIALS SHALL BE PLACED WITH THEIR CENTER 24" FROM EDGE OF BED.

PLANT SCHEDULE

CANOPY TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	
	AA2	8	ACER X FREEMANII 'ARMSTRONG'	ARMSTRONG FREEMAN MAPLE	B & B	2.5" CAL MIN	SINGLE STEM	
	AS2	2	ACER MIYABEI 'STATE STREET'	STATE STREET MAPLE	B & B	2.5" CAL MIN	SINGLE STEM	
	CO2	2	CELTIS OCCIDENTALIS	COMMON HACKBERRY	B & B	2.5" CAL MIN	SINGLE STEM	
	GT	3	GLEDITSIA TRIACANTHOS INERMIS 'SHADEMASTER' TM	SHADEMASTER HONEY LOCUST	B & B	2.5" CAL MIN	SINGLE STEM	
	PE	5	PLATANUS X ACERIFOLIA 'EXCLAMATION' TM	EXCLAMATION LONDON PLANE TREE	B & B	2.5" CAL MIN	SINGLE STEM	
	QR	4	QUERCUS RUBRA	RED OAK	B & B	2.5" CAL MIN	SINGLE STEM	
	UX	4	ULMUS X 'MORTON'	ACCOLADE ELM	B & B	2.5" CAL MIN	SINGLE STEM	
EVERGREEN TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	
	JF3	3	JUNIPERUS CHINENSIS 'FAIRVIEW'	FAIRVIEW JUNIPER	B & B		6' HT MIN	
ORNAMENTAL TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	
	AG	1	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	'AUTUMN BRILLIANCE' SERVICEBERRY	B & B	6' HT MIN	MULTISTEM	
	CV	3	CRATAEGUS CRUS-GALLI INERMIS	THORNLESS COCKSPUR HAWTHORN	B & B	6' HT MIN	MULTISTEM	
	MA	1	MALUS X 'ADIRONDACK'	ADIRONDACK CRABAPPLE	B & B	6' HT MIN	MULTISTEM	
DECIDUOUS SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	
	AM	32	ARONIA MELANOCARPA 'MORTON' TM	IROQUIS BEAUTY BLACK CHOKEBERRY	-	SEE PLAN	36" HT MIN	
	CS	8	CORNUS SERICEA 'CARDINAL'	'CARDINAL' RED-TWIG DOGWOOD	-	SEE PLAN	36" HT MIN	
	DG	32	DIERVILLA RIVULARIS 'G2X885411'	KODIAK RED BUSH HONEYSUCKLE	-	SEE PLAN	24" HT MIN	
	IL	13	ITEA VIRGINICA 'LITTLE HENRY' TM	VIRGINIA SWEETSPIRE	-	SEE PLAN	18" HT MIN	
	RG	35	RHUS AROMATICA 'GRO-LOW'	GRO-LOW FRAGRANT SUMAC	-	SEE PLAN	18" HT MIN	
	RG2	20	RIBES ALPINUM 'GREEN MOUND'	GREEN MOUND ALPINE CURRANT	-	SEE PLAN	24" HT MIN	
	RG3	12	RIBES ALPINUM 'GREEN MOUND'	GREEN MOUND ALPINE CURRANT	-	SEE PLAN	30" HT MIN	
	SM	9	SYRINGA PATULA 'MISS KIM'	MISS KIM LILAC	-	SEE PLAN	36" HT MIN	
	VM	19	VIBURNUM DENTATUM 'BLUE MUFFIN'	SOUTHERN ARROWWOOD	-	SEE PLAN	36" HT MIN	
EVERGREEN SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	
	JF	5	JUNIPERUS CHINENSIS 'SEA GREEN'	SEA GREEN JUNIPER	-	SEE PLAN	36" HT MIN	
	JP	31	JUNIPERUS CHINENSIS 'KALLAYS COMPACT'	KALLAY COMPACT PFITZER JUNIPER	-	SEE PLAN	24" HT MIN	
	JP2	10	JUNIPERUS CHINENSIS 'KALLAYS COMPACT'	KALLAY COMPACT PFITZER JUNIPER	-	SEE PLAN	30" HT MIN	
	PP	14	PINUS MUGO PUMILIO	DWARF MUGO PINE	-	SEE PLAN	18" HT MIN	
	TD	10	TAXUS X MEDIA 'DENSIFORMIS'	DENSE YEW	-	SEE PLAN	24" HT MIN	
PERENNIALS AND GRASSES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	SPACING
	HR	42	HEMEROCALLIS X 'ROSY RETURNS'	DAYLILY	1 GAL	18" OC		18" o.c.
	NW	207	NEPETA X FAASSENII 'WALKERS LOW'	WALKERS LOW CATMINT	1 GAL	18" OC		18" o.c.
	SH	30	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED	1 GAL	18" OC		18" o.c.
	SL	39	SCHIZACHYRIUM SCOPARIUM	LITTLE BLUESTEM GRASS	1 GAL	24" OC		24" o.c.
GROUND COVERS	CODE	QTY	BOTANICAL NAME	COMMON NAME	SPACING			
	-2	7,567 SF	---	SOD				



Kimley»Horn

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111 WEST JACKSON BLVD, SUITE 700
CHICAGO, IL 60604
PHONE: 312-726-9445
WWW.KIMLEY-HORN.COM

SCALE: AS NOTED
DESIGNED BY: AWS
DRAWN BY: AWS
CHECKED BY: JCC



LANDSCAPE LIST
AND DETAILS

FREDDY'S FROZEN
CUSTARD

7402 W. 159TH STREET
ORLAND PARK, IL 60462

ORIGINAL ISSUE:
3/3/2017
KHA PROJECT NO.
168530000
SHEET NUMBER

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