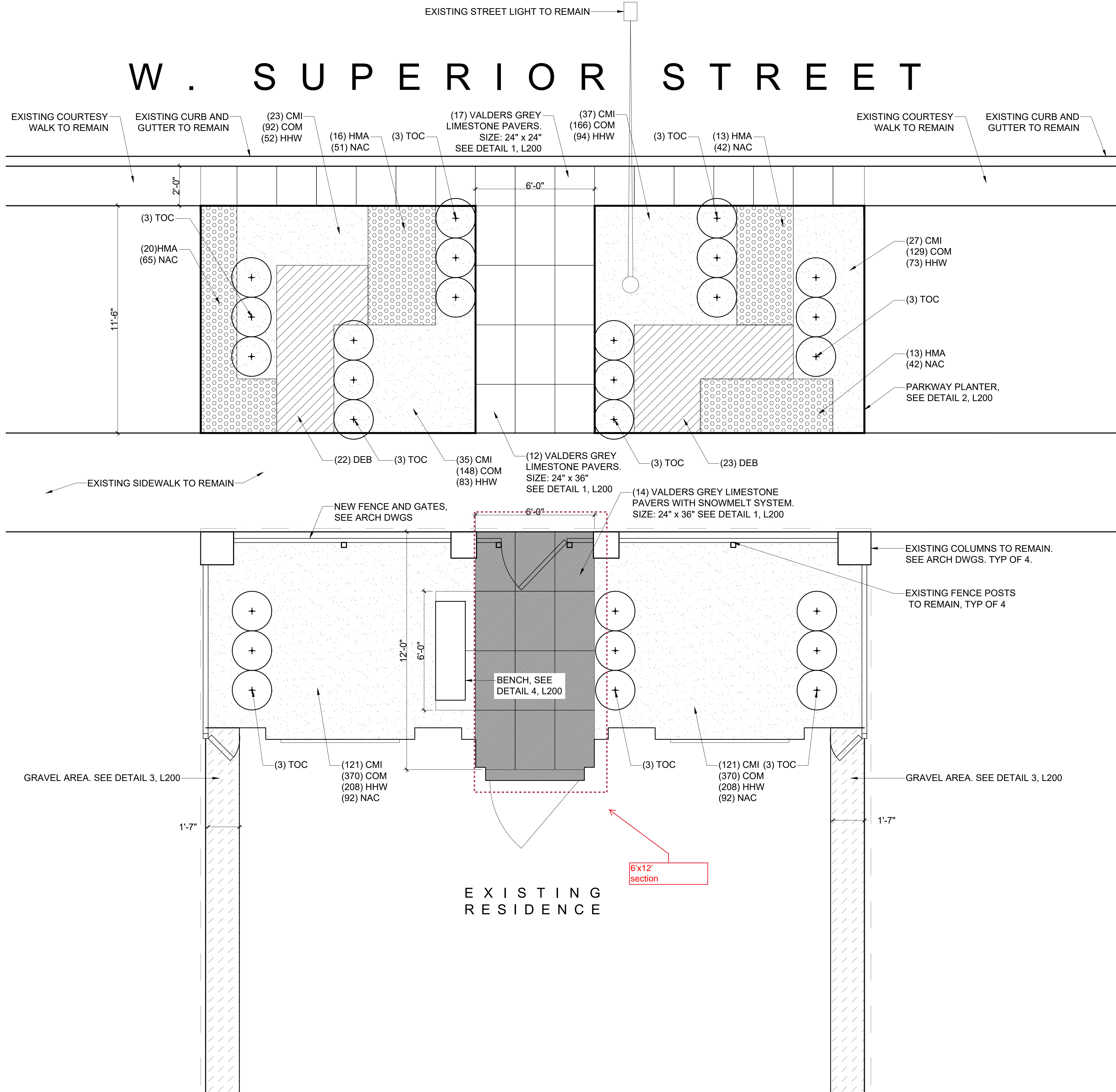
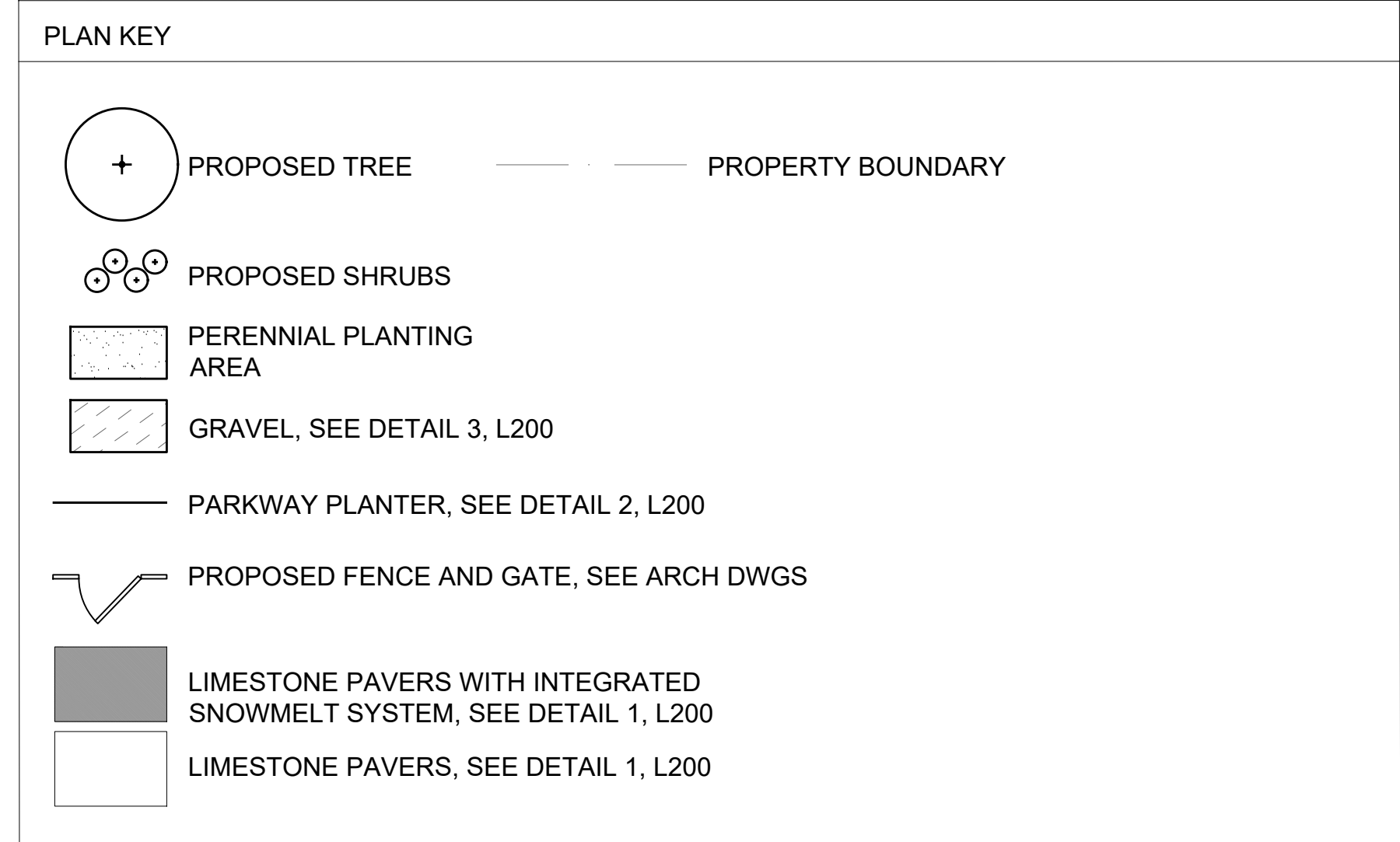


W. SUPERIOR STREET



BOTANICAL NAME	COMMON NAME	QTY	SIZE	COMMENTS
SHRUBS				
TOC THUJA OCCIDENTALIS 'CONGABE'	FIRE CHIEF ARBORVITAE	27	#5 CONT.	
PERENNIALS/GROUNDCOVERS				
CMI CAREX MORROWI 'ICE DANCE'	ICE DANCE SEDGE	364	#1 CONT.	PLANT 12" O.C.
DEB DRYOPTERIS ERYTHROSORA 'BRILLIANCE'	BRILLIANCE AUTUMN FERN	45	#1 CONT.	PLANT 15" O.C.
HMA HAKONECHLOA MACRA 'ALL GOLD'	JAPANESE FOREST GRASS	62	#1 CONT.	PLANT 15" O.C.
BULB				
COM CROCUS OLIVIERI SSP BALANSAE 'ORANGE MONARCH'	ORANGE MONARCH CROCUS	1,275	BULB	3" O.C. PLANT IN DRIFTS
HHW HYACINTHOIDES HISPANICA 'WHITE CITY'	WHITE CITY SPANISH BLUEBELLS	718	BULB	4" O.C. PLANT IN DRIFTS
NAC NARCISSUS 'ACTEA'	ACTEA POET'S DAFFODIL	384	BULB	6" O.C. PLANT IN DRIFTS



OWNER:
 FAZLI QADIR
 465 W SUPERIOR STREET
 CHICAGO, IL 60654

NOTE:
 OVERGROWN TREES AND SHRUBS TO BE HORTICULTURALLY PRUNED. SITE TO BE CLEANED OF WEEDS AND DEAD PLANT MATERIAL.

Statements By Owner
 Commits to the protection and replacement of required landscaping in the following form: "existing parkway and on-site interior trees are to be protected while project is under construction and will be replaced by current and subsequent owner if damaged."

Signed _____ Date _____

Commits to the maintenance of required landscaping in the following form: "The undersigned acknowledges that the landscape planting plan shown on this sheet for the property at 465 W Superior Street in Chicago, IL, has, to the best of the undersigned applicant's knowledge, been designed and will be installed, maintained, and replaced as required, by current and subsequent owners in accordance with the requirements of Title 10, Chapter 32 of the Chicago Municipal Code, the landscaping standards of the Chicago Zoning Ordinance, and the Guide to the Chicago Landscape Ordinance."

Signed _____ Date _____

Statement By Registered Landscape Architect
 Commits to the preparation of the landscape plan in the following form: "The undersigned landscape architect, registered in the State of Illinois, acknowledges that the landscape planting plan and construction details shown on this sheet for the property at 465 W Superior Street in Chicago, IL, have been designed in accordance with the requirements of Title 10, Chapter 32 of the Chicago Municipal Code, the landscaping standards of the Chicago Zoning Ordinance, and the Guide to the Chicago Landscape Ordinance."

Signed *Michele McKay* Date _____

Michele McKay, Landscape Architect #157-000778 expires 8/31/2021

ESTIMATED PLANTING DATE : JUNE 2022



I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED UNDER MY SUPERVISION AND THAT THEY COMPLY TO THE BEST OF MY KNOWLEDGE, WITH ALL THE BUILDING CODES AND ORDINANCES OF THE CITY OF CHICAGO, IL.

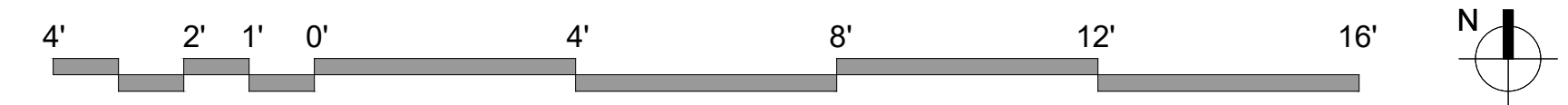
5215 NORTH RAVENSWOOD AVENUE
 #306
 CHICAGO, ILLINOIS 60640
 773.561.1227 p
 773.561.1225 f
 www.mckaylandarch.com

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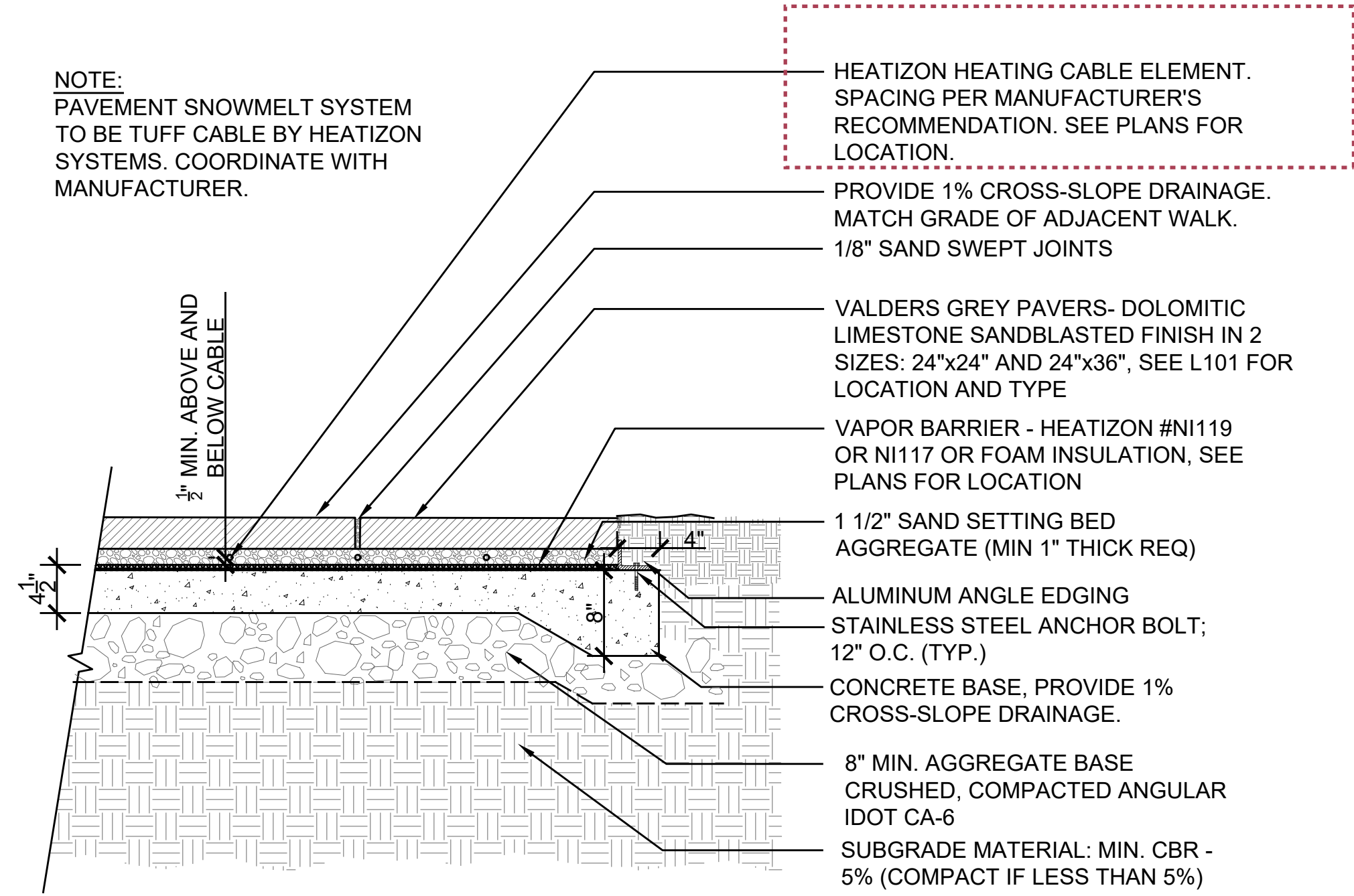
465 W Superior Street
 Chicago, IL 60654

Site Plan

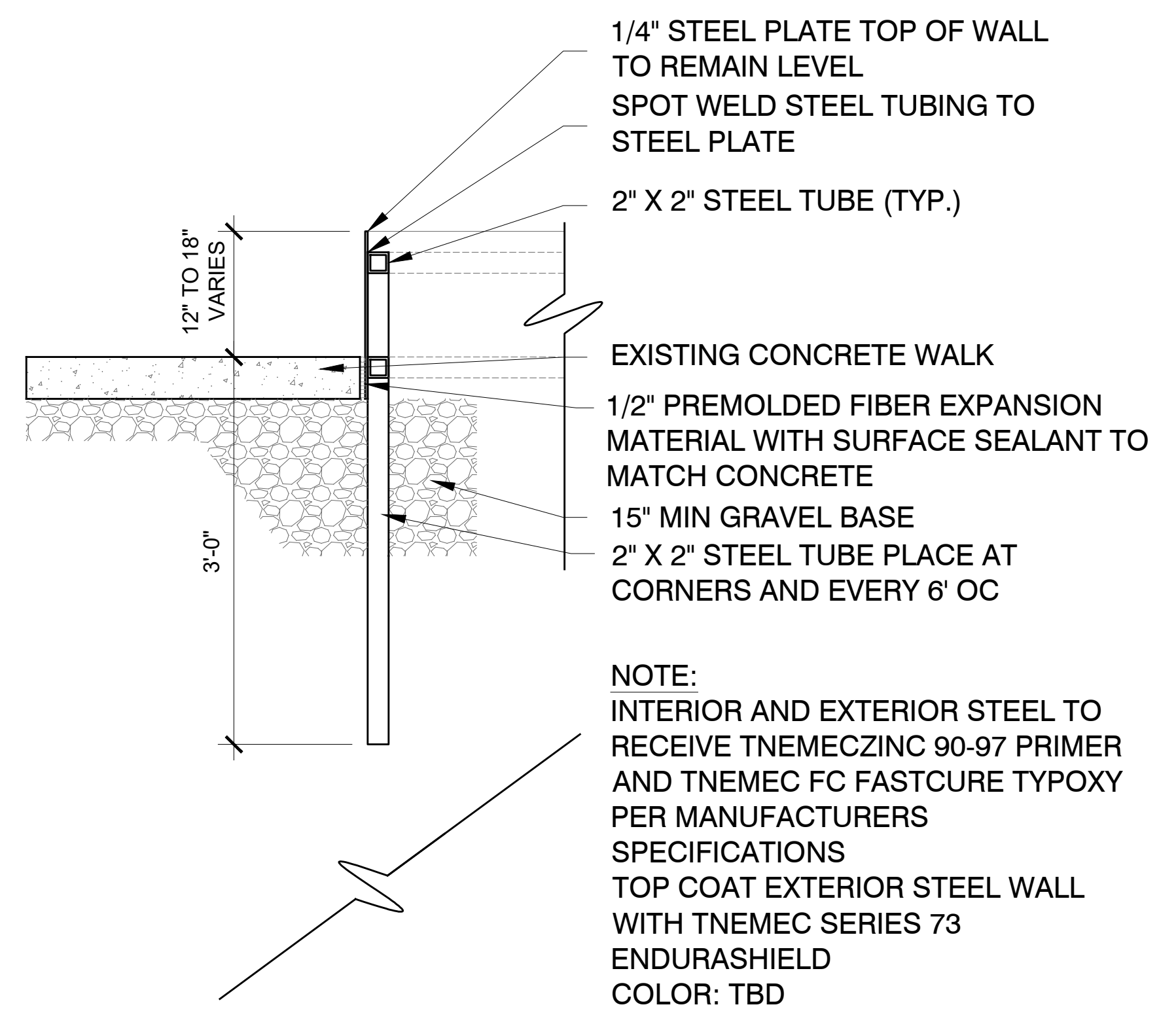
L101



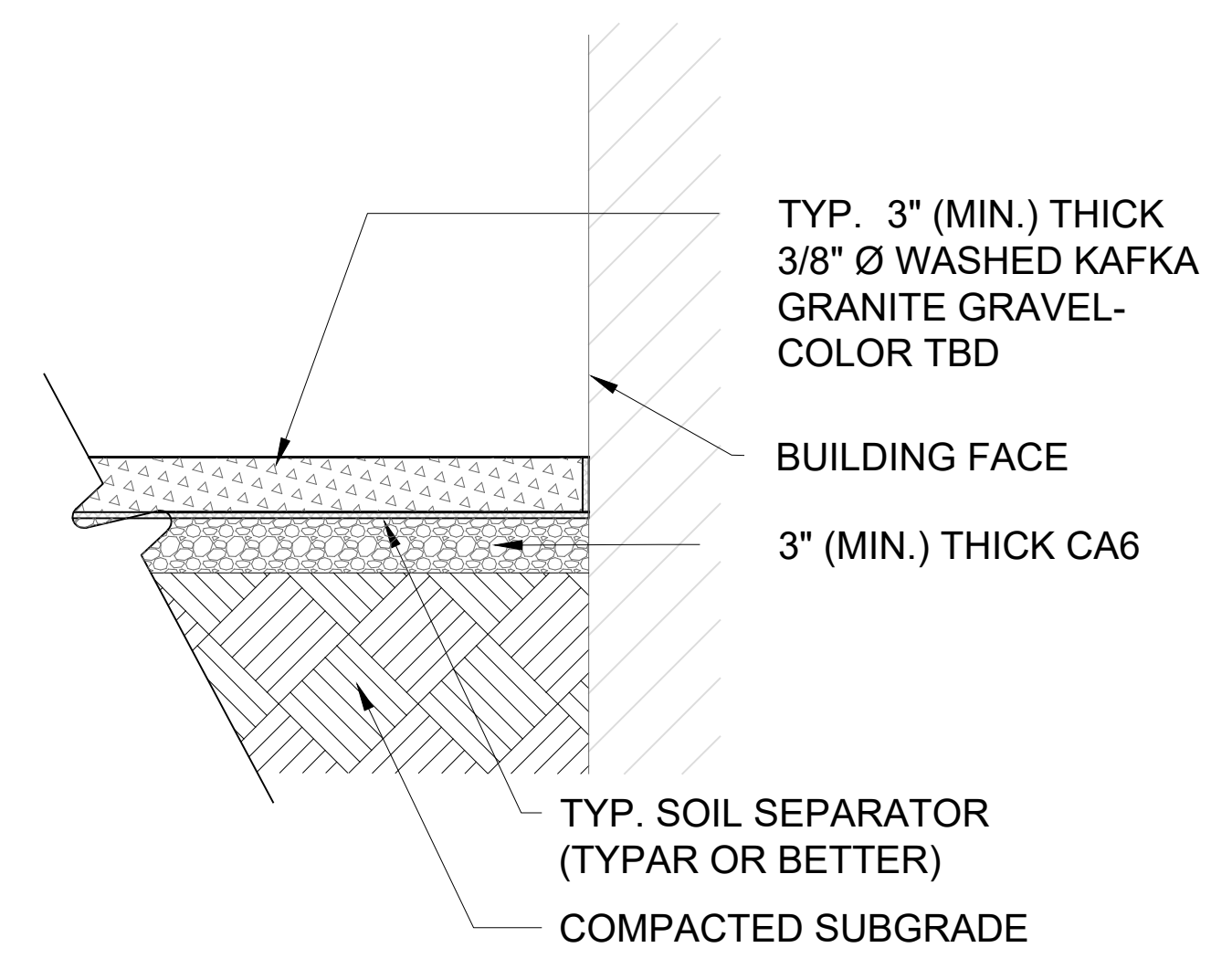
NOTE:
PAVEMENT SNOWMELT SYSTEM
TO BE TUFF CABLE BY HEATIZON
SYSTEMS. COORDINATE WITH
MANUFACTURER.



1 LIMESTONE PAVER DETAIL
SCALE: NTS



2 PARKWAY PLANTER DETAIL
SCALE: NTS



3 GRAVEL DETAIL
SCALE: NTS

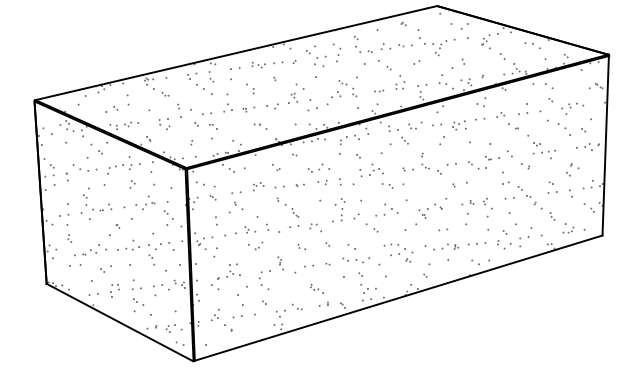
PRODUCT: Q2-SLAB60B WEIGHT: 1450 lbs.
(CUSTOMER TO OFFLOAD IF OVER 8000 Lbs.)

QUANTITY: _____

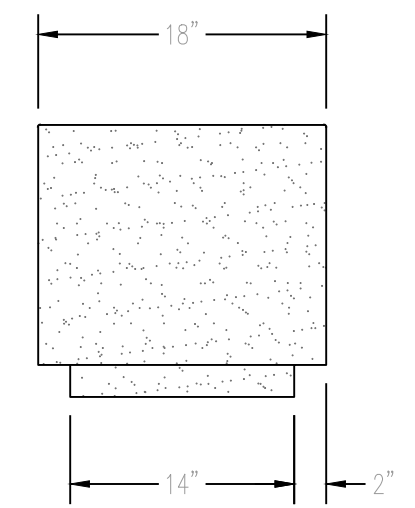
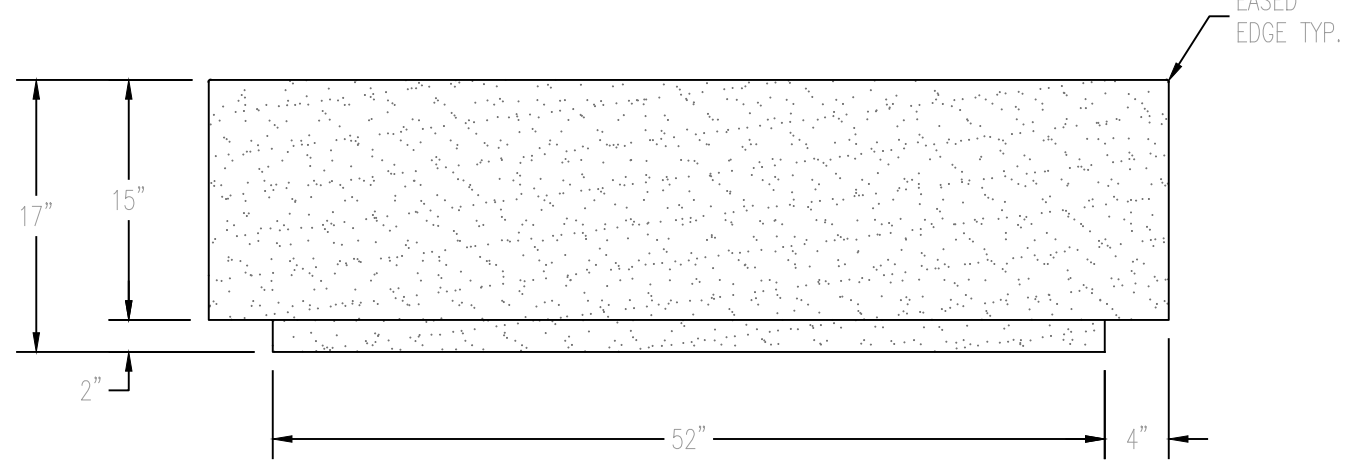
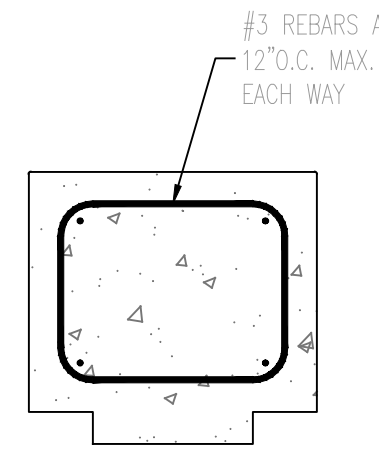
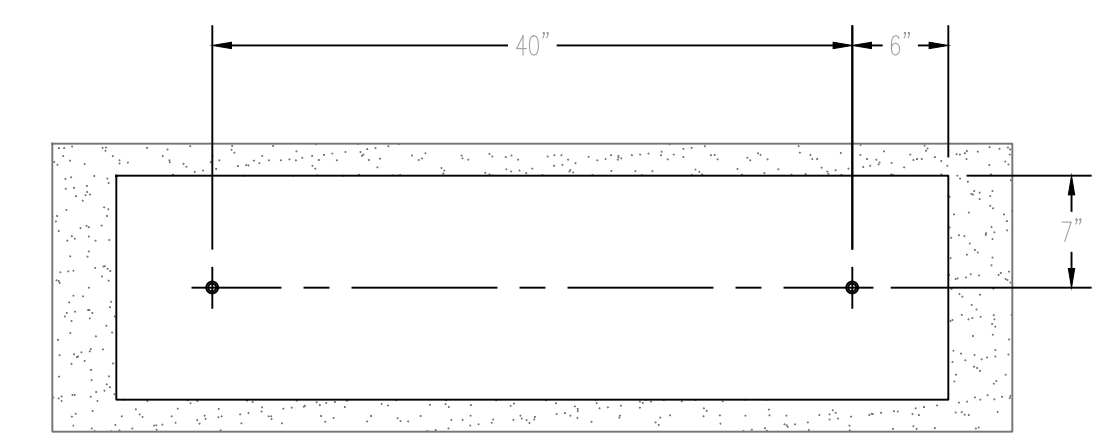
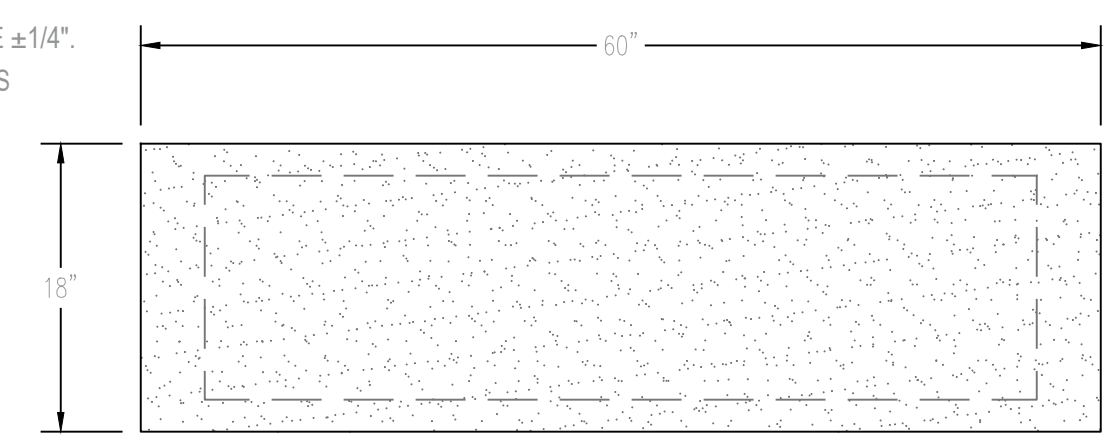
CONCRETE COLOR:
 QUAIL HILL RED FRENCH GREY
 NATURAL BUNGALOW
 MISSION WHITE ADOBE TAUPE
 LATTE CUSTOM COLOR
 HARVEST

CONCRETE TEXTURE:
 CRAFTSMANS ETCH
 STRATA
 POLISH

SEALER: STANDARD SEALER



GENERAL PRODUCT NOTES:
E = EXPOSED FINISHED SURFACE
INSTALLATION IS REQUIRED BY OTHERS.
ALL EDGES TO BE EASED.
MANUFACTURING TOLERANCE ±1/4".
ANCHORING METHOD BY OTHERS



4 BENCH DETAIL
SCALE: NTS



I HEREBY CERTIFY THAT THESE PLANS WERE
PREPARED UNDER MY SUPERVISION AND THAT
THEY COMPLY TO THE BEST OF MY KNOWLEDGE,
WITH ALL THE BUILDING CODES AND ORDINANCES
OF THE CITY OF CHICAGO, IL.

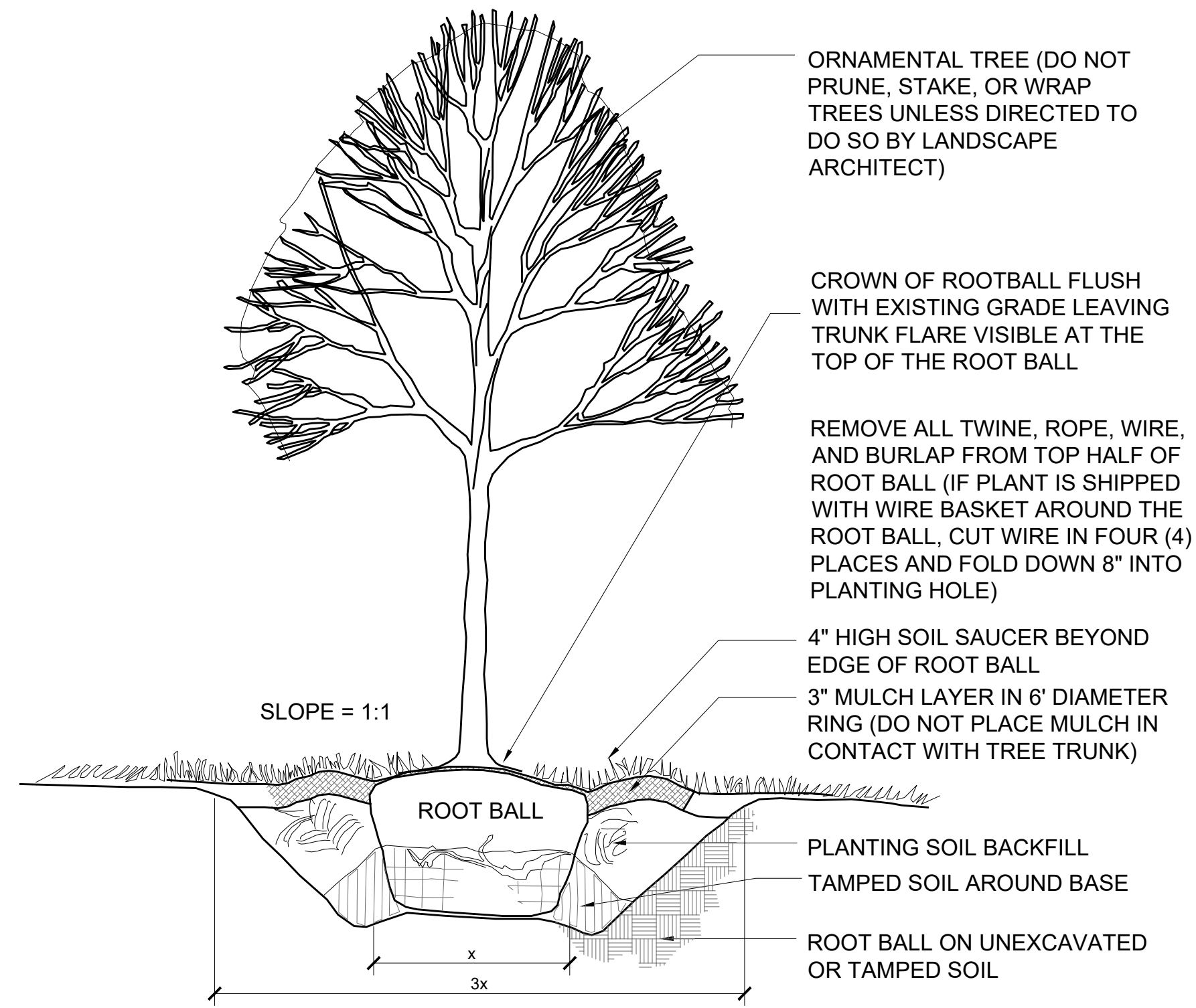
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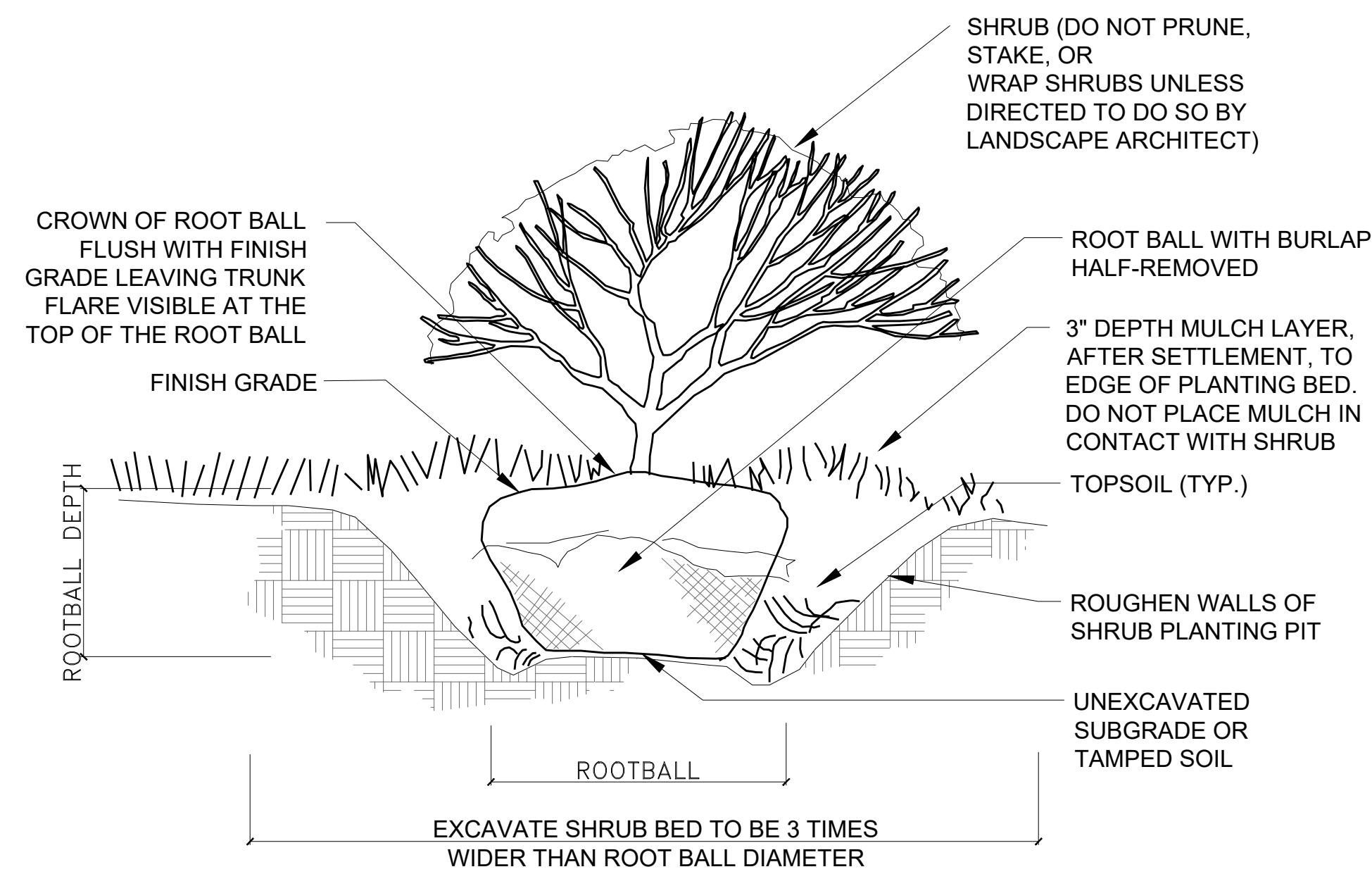
465 W Superior Street
Chicago, IL 60654

Landscape Details

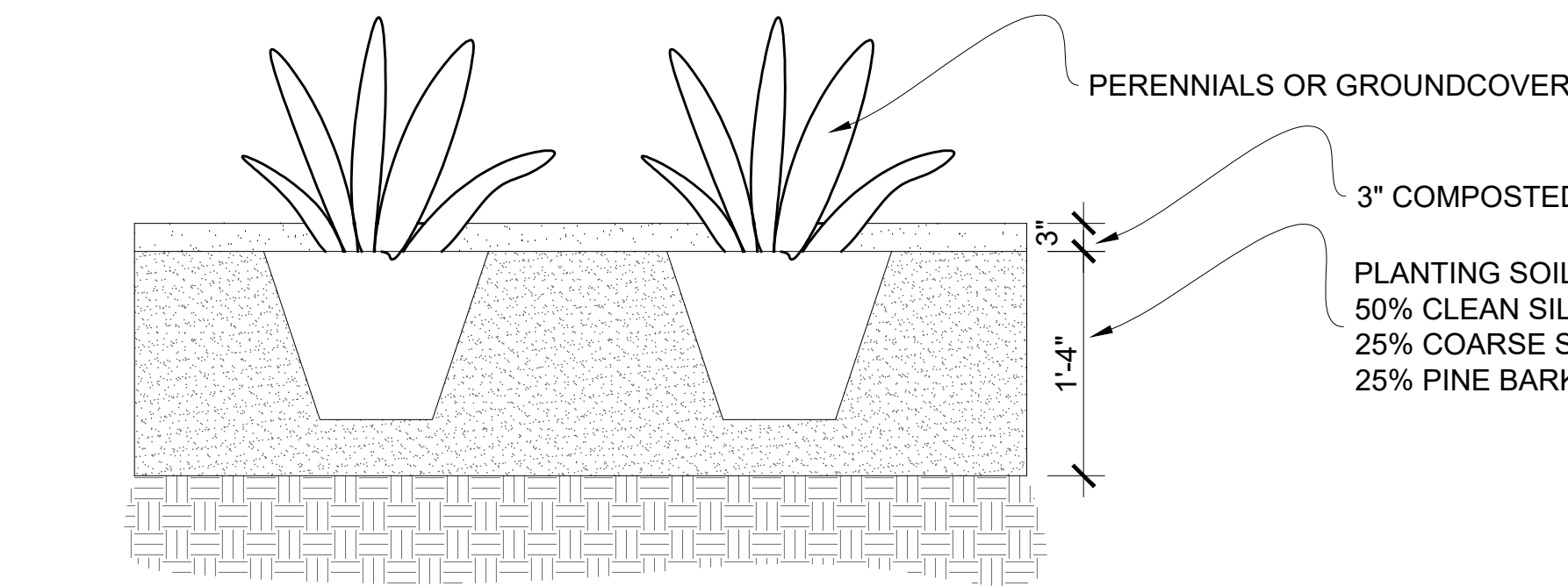
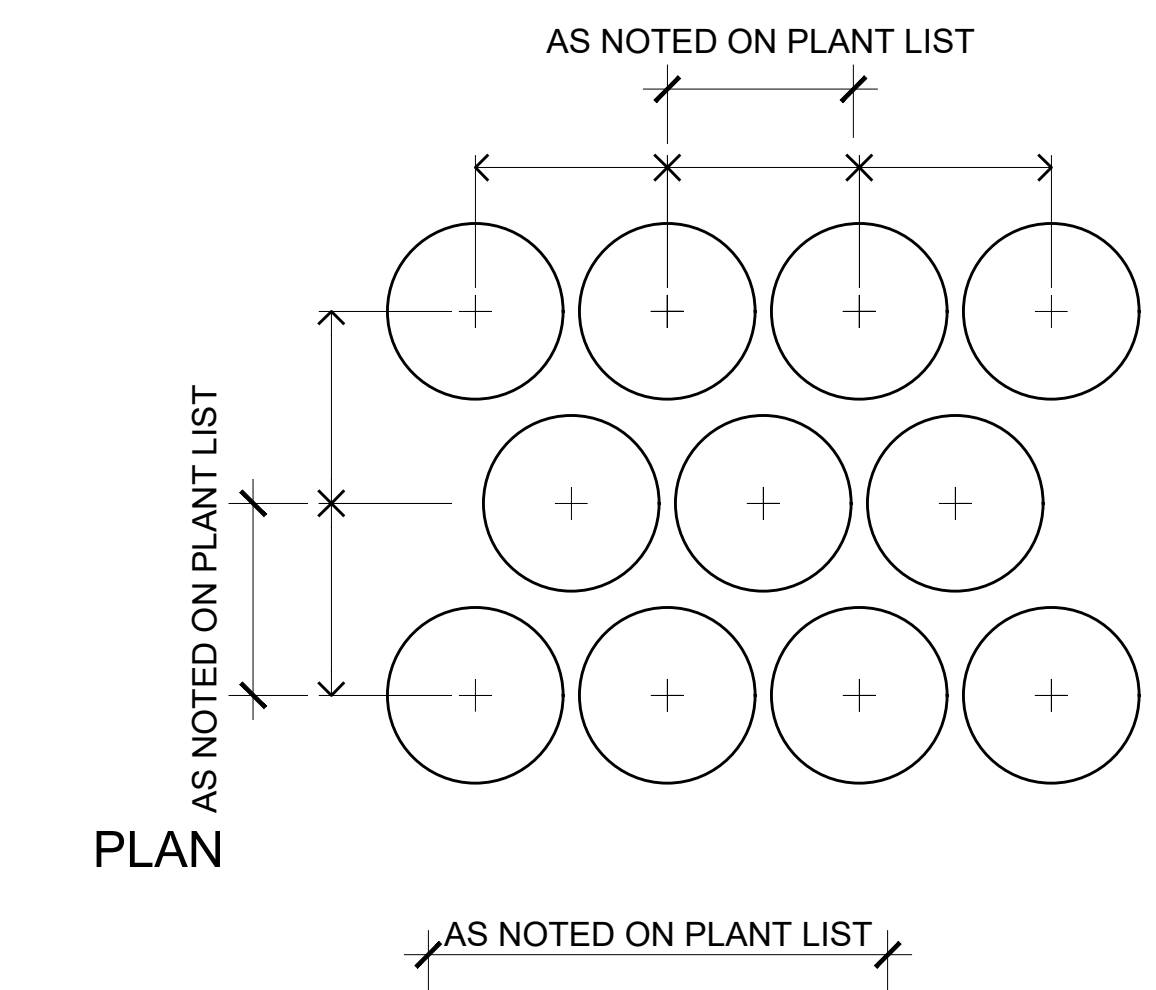
L200



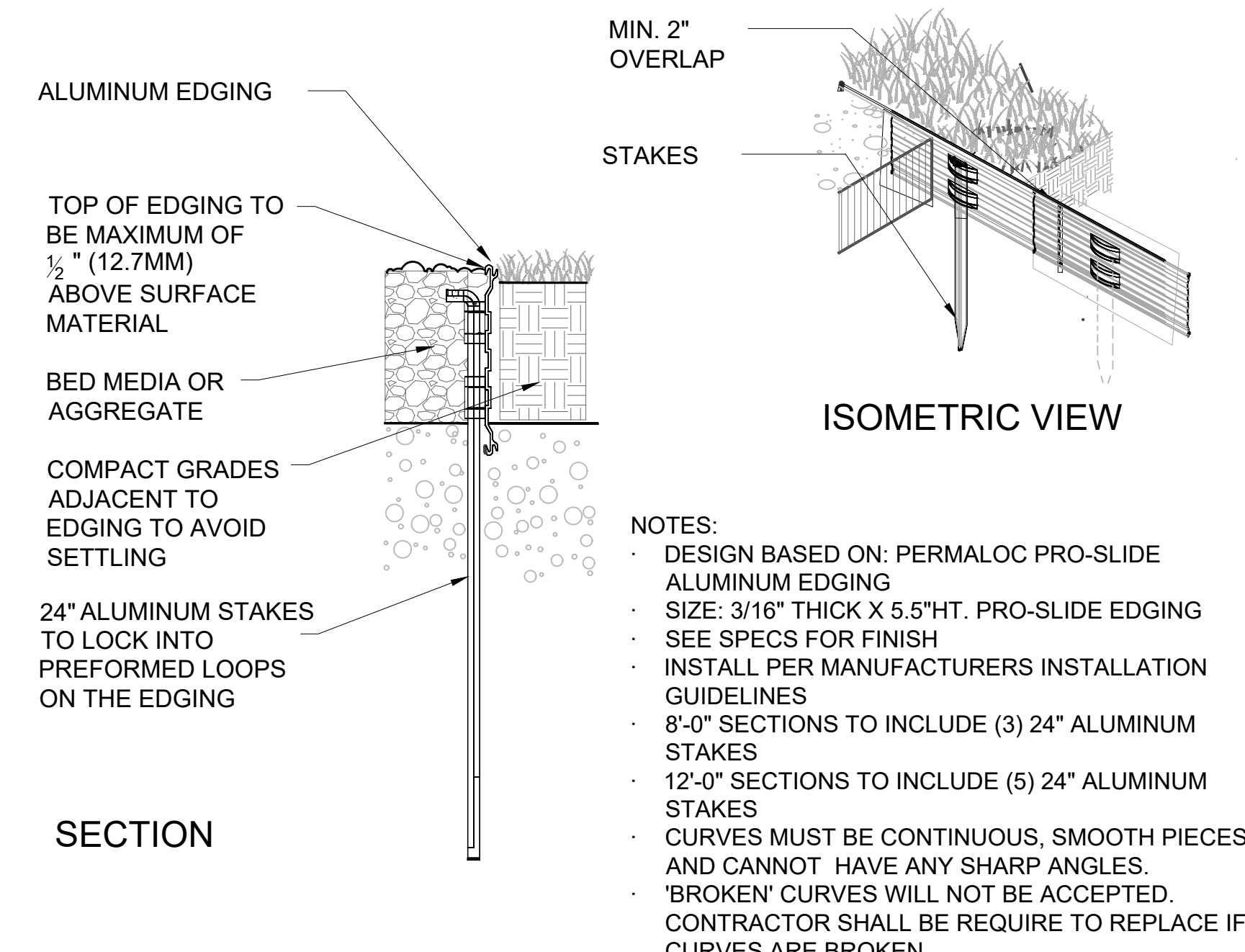
1 TYPICAL TREE PLANTING DETAIL
SCALE: NTS



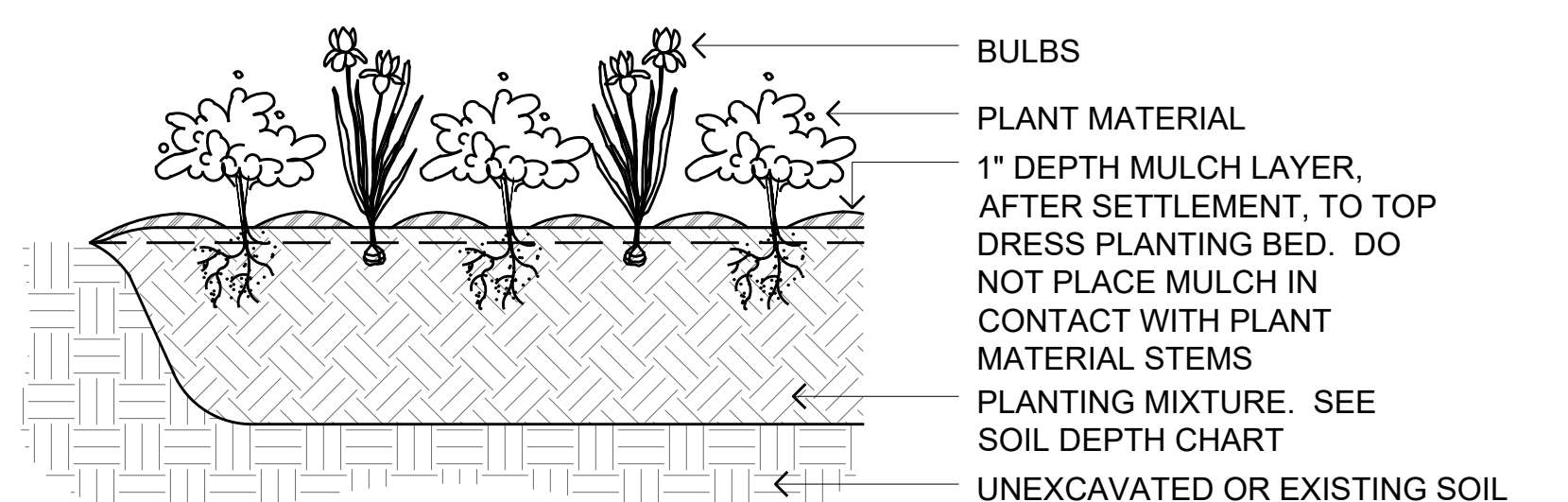
2 TYPICAL SHRUB PLANTING DETAIL
SCALE: NTS



3 TYPICAL PERENNIAL PLANTING DETAIL
SCALE: NTS



4 TYPICAL ALUMINUM EDGE DETAIL
SCALE: NTS



5 TYPICAL BULB PLANTING DETAIL
SCALE: NTS

- GENERAL NOTES:**
- Every attempt has been made to show all utility lines where they exist. Contractor shall use every precaution in digging since actual underground utilities may not be as shown. Contractor shall become thoroughly familiar with all underground utility locations prior to any digging and verify locations and depths of all utilities. Contractor shall report any conflicts to AOR prior to beginning work.
 - Contractor shall verify all dimensions and locations of existing and proposed features, including existing vegetation, and familiarize themselves with any obstacles encumbering the installation of this project. Any concerns shall be directed to AOR or Landscape Architect in writing prior to commencing work.
 - Contractors shall keep all areas clean and orderly at all times.
 - Contractors shall keep all roadways and walkways clear of mud and debris that result from landscape operations.
 - Contractor is responsible for protecting existing trees and vegetation to remain. Contractor shall replace any existing trees or vegetation that are damaged during construction.
- PLANTING NOTES:**
- Contractors shall familiarize themselves with all landscape specifications prior to commencement of work. Any questions or concerns shall be directed to AOR or Landscape Architect in writing prior to landscape work commencement.
 - Plant quantities shown on drawings are for contractor's convenience in estimating only. Contractors are responsible for providing plant materials sufficient to cover areas shown on plans at the spacings indicated.
- Site grading**
- All surface drainage shall be diverted away from building. Where poor subsurface drainage conditions occur in the field, contractor shall notify Landscape Architect immediately and make recommendations for solutions to drainage issues before proceeding with work.
 - Slope all planting areas away from building at 2" min. grade.
 - All grading, drainage, and utilities shall be evaluated in the field for conflict points with designed grading.
- Soil & planting mix**
- All soil planting mix for backfill or beds, whether from on-site stockpile or new imported soil, shall be amended to meet the following requirements:
 - For Tree and Shrub beds:
 - 70% clean silt loam topsoil
 - 15% coarse sand
 - 15% pine bark fines
 - For Perennial and Groundcover beds:
 - 50% clean silt loam topsoil
 - 25% coarse sand
 - 25% pine bark fines
- All planting areas shall be thoroughly tilled to a minimum of 12-15" depth.
 - Topsoil shall be free of debris, stones, and other material not more than one inch (1") diameter in size.
 - All excess materials and spoils resulting from the landscape work shall be legally disposed of off-site by the Landscape Contractor.
- Planting Standards**
- All plants shall be protected against heat, sun, wind, and frost during transportation to the site and while being held at the site. Do not store plants in total darkness more than one day.
 - Plant root balls shall not be damaged during transportation or planting.
 - Contractor shall notify the AOR at the time of delivery of any plant material that is damaged or in poor condition to determine acceptability.
 - All trees shall be single trunk standards unless otherwise noted.
 - Landscape Architect shall approve all plant materials for quality, condition and specified sizes. Trees and shrubs shall be approved at nursery location or photos can be emailed to the Landscape Architect for approval, during tagging or before removal and transport to job site. Notify Landscape Architect 1 week prior to tentative date of tagging. Tagging should occur at least 1 week prior to the tentative date of transporting the plant material.
 - Perennials and groundcovers shall be approved at job site prior to installation. At least one plant of each species delivered to the site will have an identification tag from the supplying nursery showing common and botanical plant names.
 - Landscape Architect shall field verify and approve all final staked tree, shrub, and perennial bed locations and all perennial layouts prior to installation. Notify Landscape Architect 1 week prior to the tentative date of staking.
 - Landscape Architect reserves the right to inspect all plant materials before planting. Material may be rejected at any time due to condition, form or damage before or after planting.
 - All temporary plant tying material and marking tapes shall be removed at the time of planting.
- Mulching**
- For tree and shrub install organic double shredded hardwood bark mulch at a depth of 3".
 - For perennial and groundcover beds: install organic composted leaf mulch at a depth of 3".
- Maintenance & Warranties**
- All plants shall be thoroughly watered in at time of planting and watered and maintained throughout construction until final acceptance by owner or certificate of occupancy is required. Contractor shall water all plants immediately after planting. Flood plants twice during the first twenty-four (24) hours after planting.
 - Landscape Contractor shall warranty all trees, shrubs, perennials, and ornamental grasses under this contract against death and defects including unsatisfactory growth, except for effects resulting from neglect by owner, abuse or damage by others or unusual phenomenon or incidents which are beyond the contractor's control.
 - Contractor shall repair to its original condition any area or item damaged as a result of their work.

Michelle McKay
I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED UNDER MY SUPERVISION AND THAT THEY COMPLY TO THE BEST OF MY KNOWLEDGE, WITH ALL THE BUILDING CODES AND ORDINANCES OF THE CITY OF CHICAGO, IL.

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ISSUE FOR PRICING MS 12/2/2021

465 W Superior Street
Chicago, IL 60654

Landscape Details

L201

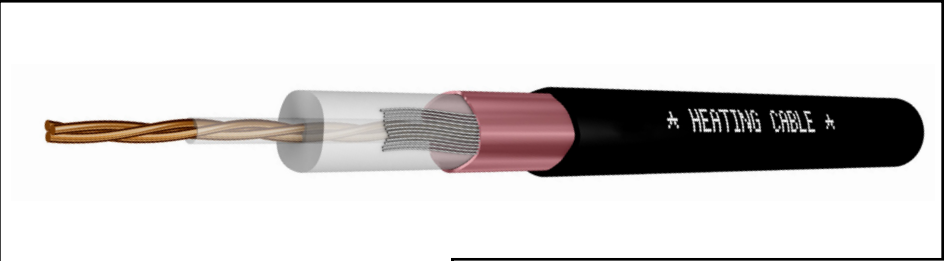
SnowMeltz Mat Snow Melting System

DATA SHEET

Description:

The SnowMeltz Mat system rolls out for fast and easy installation. An easy, effective, and economical way to add snow melting to various outdoor surfaces. The mats provide for an easy installation by simply rolling it out on the surface to be paved. Larger areas can be heated by multiple mats chained together. These mats are 24" wide, come in a variety of lengths, and voltages to fit any project. Connect multiple mats to one activation device for larger square-foot areas that one Snowmeltz Mat may not accommodate. SnowMeltz can be used with a variety of Heatizon automatic moisture and temperature sensors, to ease regular use and efficiency.

Design & Application:



Selection Charts:

SnowMeltz 208V Mats				
Model	Coverage ft ²	Total Ohms	Amps	Mat Length
SM-50W208-10	10	83.2	2.5	5'
SM-50W208-15	15	52.4	4.0	8'
SM-50W208-25	25	35	5.9	12'
SM-50W208-35	35	24.8	8.4	17'
SM-50W208-45	45	19.3	10.8	22'
SM-50W208-60	60	14.4	14.4	30'
SM-50W208-75	75	11.8	17.7	37'
SM-50W208-100	100	9.1	22.8	50'

Specifications:

Heating cable	Single or Dual
Voltage	120VAC to 600VAC
Watts	12 watts/ft max.
Watts Per Sqft	50 w/sqft @ 208V 50 w/sqft @ 240V, 37 w/sqft @ 208V 50 w/sqft @ 277V, 37 w/sqft @ 240V
Cold Lead Length	20'
Mat Width	24"
Length	Refer to product label
OD Single Conductor	0.23" to 0.26"
OD Dual Conductor	0.24" to 0.35"
Cable Type	Constant Wattage
1st Insulation	Fluoropolymer
2nd Insulation	Cross-Linked XLPE
Protective Screen	Tinned Copper
Outer Jacket	Cross-Linked Halogen Free Fire Retardant Polyolefin with UV Protection
Heating Endurance	-22 °F(-30 °C) to 194 °F(90C)
Short Term Heating Endurance	464 °F(240 °C) not to exceed 30 min
Minimum Spacing	2"
Standard Spacing	3" to 6"
Cap Thickness	2" to 4" max
Bending Radius	6D** (approx. 2")
Thermal Resistance	464 °F(240 °C) not to exceed 30 min

SnowMeltz 240V/208V Mats					
Model	Coverage ft ²	Total Ohms	Amps @240V	Amps @208V	Mat Length
SM-50W240-37W208-15	15	52.4	3.2	2.8	8'
SM-50W240-37W208-20	20	35	4.0	3.4	10'
SM-50W240-37W208-30	30	35	5.9	5.1	15'
SM-50W240-37W208-35	35	24.8	7.7	6.6	18'
SM-50W240-37W208-45	45	19.3	9.2	8.0	22'
SM-50W240-37W208-60	60	14.4	12.6	10.9	30'
SM-50W240-37W208-75	75	11.8	15.3	13.2	37'
SM-50W240-37W208-100	110	9.1	22.9	19.9	55'

SnowMeltz 277V/240V Mats					
Model	Coverage ft ²	Total Ohms	Amps @277V	Amps @240V	Mat Length
SM-50W277-37W240-10	10	180.1	1.5	1	4'
SM-50W277-37W240-15	15	107.8	2.6	2	7'
SM-50W277-37W240-20	20	69.8	4.0	3	10'
SM-50W277-37W240-25	25	61.4	4.5	4	13'
SM-50W277-37W240-35	35	46.5	6.0	5	17'
SM-50W277-37W240-40	40	37.4	7.4	6	21'
SM-50W277-37W240-45	45	34.1	8.1	7	23'
SM-50W277-37W240-50	50	30.7	9.0	8	25'
SM-50W277-37W240-60	60	25.6	10.8	9	30'
SM-50W277-37W240-75	75	21.3	13.0	11	37'
SM-50W277-37W240-85	85	18.2	15.2	13	43'
SM-50W277-37W240-100	100	15.7	17.7	15	50'
SM-50W277-37W240-130	130	12.1	22.9	20	65'



Note: Refer to the NEC or CEC for specific requirements.



4137 South 500 West
Murray, Utah 84123

FOR MORE INFORMATION
Company: Heatizon Systems
Toll Free: 888-239-1232
Email: info@heatizon.com
Visit us at: www.heatizon.com