

SOUTHFIELD • DETROIT 400 Galleria Officentre Suite 555

Southfield, Michigan 48034 phone 248.352.8310 fax 248.352.1821 www.neumannsmith.com

ARCHITECTS

[address] 25 DRYDOCK AVENUE BOSTON MASSACHUSETTS 02210 [tel] 617.426.1300

CORKTOWN **TOWNHOMES**

1610 Church Street Detroit, MI 48216

Landscape Architecture 311 East Cady Street Northville, MI 48167 Ph: 248-347-7010 Fax: 248-347-7005

ALL MAJOR IRRIGATION EQUIPMENT SHALL BE MANUFACTURED BY RAIN BIRD, TORO OR HUNTER.

Plant List

Note Key:

PROPERTY LINE - REFER TO CIVIL DRAWINGS

2) CURB AND GUTTER - REFER TO CIVIL DRAWINGS

(4) EXISTING TREE TO REMAIN AND BE PROTECTED

(5) IRRIGATED, SODDED LAWN ON 4" DEPTH TOPSOIL

(6) CONCRETE SIDEWALK - REFER TO CIVIL DRAWINGS 1) BARRIER-FREE RAMP - REFER TO CIVIL DRAWINGS

(8) 6"W STRAIGHT CONCRETE PLANTER CURB - REFER TO DETAIL

DISPLAY ON 24" SQ. CONCRETE PAD - REFER TO DETAIL

SINGLE GANG DUPLEX OUTLET WITH WATERPROOF ENCLOSURE PROVIDED AT EACH TREE LOCATION - REFER TO SITE

PROPOSED 4" DIAMETER PERFORATED DRAINTILE IN PLANTING BEDS. SLOPE @ 05% MIN. TO STORM. INSTALL AS SHOWN - REFER

PROPOSED NON-PERFORATED 4"-8" DIAMETER STORM LINE AS SHOWN - REFER TO DETAILS

UNLESS NOTED OTHERWISE, ALL LANDSCAPE BEDS SHALL RECEIVE 12" DEPTH OF PLANTING BACKFILL MIX.

2. ALL SHRUB BEDS TO RECEIVE 3" DEPTH OF DOUBLE

3. ALL PERENNIAL OR GROUNDCOVER BEDS TO RECEIVE 1½" OF DOUBLE PROCESSED BARK MULCH.

4. STEEL EDGING TO BE PROVIDED BETWEEN ALL LAWN AND PLANT BEDS WHERE A CURBED EDGE IS NOT IDENTIFIED.

CONCEPTUAL OPERATION OF SITE IRRIGATION SHALL BE AS FOLLOWS

BACKFLOW PREVENTER CAPABLE OF APPROXIMATELY 50 GPM TO THE SITE. ALL PLANT MATERIAL ON SITE WILL BE IRRIGATED.

CONTROL TIMER(6) WILL BE INSTALLED TO OPERATE ZONE VALVES.
THE CONTROL SYSTEM WILL BE A TWO-WIRE, IRRIGATION SYSTEM
CONTROLLER, CAPABLE OF WEB-BASED SYSTEM MONITORING AND
CONTROL. THE ADDITION OF A FLOW METER AND MASTER VALVE

WILL ALLOW REAL-TIME FLOW MONITORING. A RAIN SENSOR WILL BE INSTALLED WITH THE CONTROLLER(S). CONTROLLER TO BE BUILDING

ALL PLANT MATERIAL ON THE SITE WILL BE IRRIGATED BY AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM. IRRIGATION WILL BE

POSITIONED ALONG THE PRESSURIZED IRRIGATION SYSTEM MAINLINE. ZONING OF SPRINKLERS AND DRIP LINE TO BE BASED ON PLANT MATERIAL TYPE (LAWN / PERENNIALS / TREES / SHRUBS, ETC.), AND SPECIFIC EXPOSURE.

A COMBINATION OF POP UP SPRAY SPRINKLERS FOR LAWN AND DRIP LINE IN BEDS AND ON TREES. OPERATION OF SPRINKLER

HEADS AND DRIP LINE WILL BE FROM AUTOMATIC VALVES

MECHANICAL TRADES WILL PROVIDE A WATERSOURCE WITH

TO DETAILS. PROVIDE CLEAN OUT AT BEGINNING OF ALL RUNS.

(10) FREESTANDING METAL PLANTER WITH SEASONAL FLOWER

3) UTILITIES - REFER TO CIVIL DRAWINGS

(9) LIGHTED BOLLARD - REFER TO DETAIL

ELECTRICAL PLAN (12) MULCH ENTIRE BED

General Notes:

PROCESSED BARK MULCH.

Irrigation Scope Notes:

CONTROL SYSTEM

MOUNTED ON THE EAST SIDE.

PLANTING BED IRRIGATION

IRRIGATION EQUIPMENT

NEW APARTMENT BUILDING

6 1201

CHURCH STREET

ALLEY

TOWNHOME PARKING LOT

_____ SS ____ SS ____

NEW TOWNHOMES

— G —— G

CODE	QTY.	DESCRIPTION	SIZE	COMMENTS
AF	6	Acer x freemanii 'Marmo'	3" cal.	B&B
, ,,		Marmo Maple		
QW	8	Quercus x warei 'Long'	3" cal.	B&B
QVV	0	Regal Prince Oak	J Cai.	Dab
Charles	Cround	lcover and Perennials		
CODE	QTY.	DESCRIPTION	SIZE	COMMENTS
CODE	QII.	DESCRIPTION	SIZE	COMMENTS
BG	119	Buxus x 'Green Mountain'	24" sprd.	plant 24" o.c.
		Green Mountain Boxwood		
CA	78	Calamagrostis x acutiflora 'Overdam'	#1 cont.	plant 24" o.c.
		Feather Reed Grass		
LM	954	Liriope muscari 'Big Blue'	#1 cont.	plant 12" o.c.
LIVI		Big Blue Lily-turf	W. Com	
PA	28	Perovskia atriplicifolia 'Filigran'	#1 cont.	plant 24" o.c.
		'Filigran' Russian Sage		
то	13	Thuja occidentalis 'Emerald Green'	8' ht.	B&B, plant 36" o.d
		Emerald Green Arborvitae		
VM	344	Vinca minor	#1	plant 12" o.c.
VM				

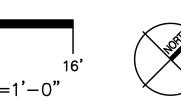
Email: mailbox@gma-la.com

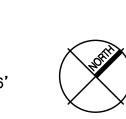
04.16.202 02.19.202	9	•

Drawn	Preliminary		
AEP	Construction		
Checked			
RKM	Record		
Approved	Do not scale Use figured dimensions only		
RKM			
Bidpak Number			

2020008.1

LANDSCAPE PLAN











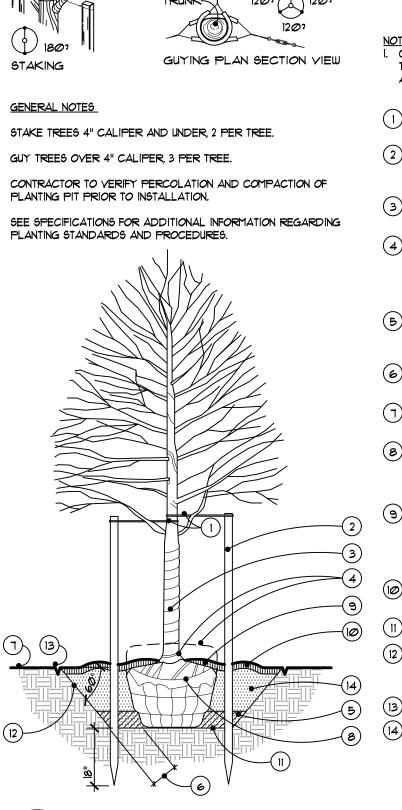
SOUTHFIELD • DETROIT 400 Galleria Officentre Suite 555 Southfield, Michigan 48034 phone 248.352.8310 fax 248.352.1821 www.neumannsmith.com

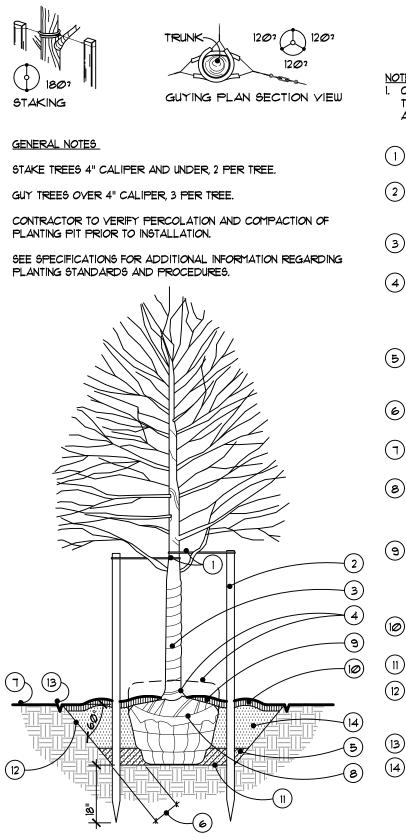
ELKUS MANFREDI

[address] 25 DRYDOCK AVENUE BOSTON MASSACHUSETTS 02210 [tel] 617.426.1300

CORKTOWN **TOWNHOMES**

1610 Church Street Detroit, MI 48216

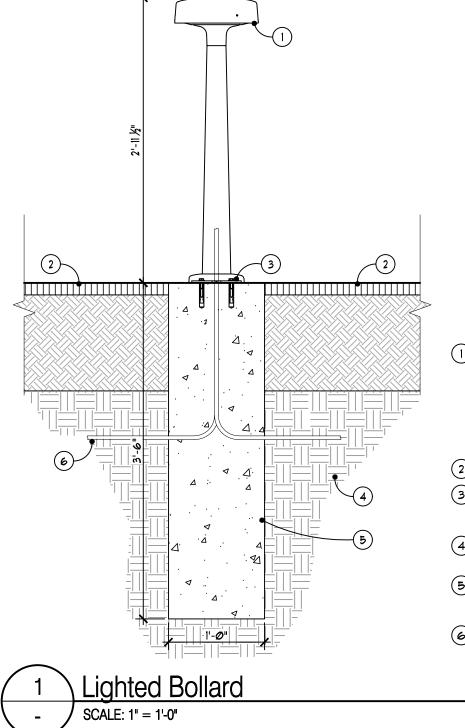




CONTRACTOR TO VERIFY PERCOLATION OF PLANTING PIT PRIOR TO INSTALLATION AND PROVIDE RESULTS TO LANDSCAPE ARCHITECT FOR APPROVAL. POLYPROPYLENE GUYING FABRIC, LOCATE ABOVE FIRST BRANCH, TYP. - REFER TO SPECS (2) 2" x 2" X 12" LONG UNTREATED HARDWOOD STAKES, STAKES TO EXTEND IS" BELOW TREE PIT IN UNDISTURBED SOIL, SET VERTICALLY PLUMB AND EVENLY SPACED, TYP. (3) INSTALL TREE WRAP FOR THIN SKINNED TREES, REMOVE AFTER FIRST YEAR, TYP. - REFER TO SPECS (4) ROOT FLARE - (AREA OF RAPID TAPER), REMOVE ALL SOILS ABOVE THIS LINE AND SET BOTTOM OF ROOT FLARE FLUSH TO ADJACENT FINISH GRADE - ROOT FLARE SHOULD NOT HAVE MULCH OVER TOP OF IT AND SHOULD REMAIN VISIBLE AT THE COMPLETION OF PLANTING, TYP. BACKFILL WITH PULVERIZED EXCAVATED NATIVE SOIL UNTIL 1/3 OF THE TREE PIT IS FILLED, HAND COMPACT BY FOOT OR TAMPER TO STABILIZE AND PLUMB TREE - REFER TO SPECS (6) 12" MINIMUM BETWEEN ROOT BALL AND EDGE OF PLANT PIT, CUT PIT SIDES @ 60° ANGLE, TYP. ADJACENT FINISH GRADE - ENSURE BOTTOM OF ROOT FLARE IS SET FLUSH TO THIS ELEVATION, TYP. (8) CUT AND REMOVE BURLAP TO 6" BELOW GRADE OR 1/3 OF THE ROOT BALL WHICHEVER IS GREATER AND REMOVE TWINE FROM ROOT FLARE, IF PRESENT CUT WIRE BASKET AND REMOVE 6"-8" BELOW GRADE, DISPOSE OF LEGALLY NOT IN PIT, TYP. (9) 3" DEPTH DOUBLE PROCESSED SHREDDED BARK MULCH -MULCH SHALL NOT COVER ROOT FLARE, PROVIDE I" DEPTH MULCH OVER THE ROOT BALL - WHEN PLANTED IN LAWN AREAS, EXTEND MULCH CIRCLE TO A 60" RADIUS AROUND THE TREE UNLESS NOTED OTHERWISE, TYP. (10) PROVIDE 3"-4" HIGH SOIL SAUCER RING AROUND TREE PIT IF NO IRRIGATION IS PRESENT, HAND HAMP TO PREVENT EROSION, TYP. (11) COMPACT BOTTOM OF PLANTING PIT TO PREVENT SETTLING, TYP. (12) DIG TREE PIT 2X BALL DIA. MIN., LIGHTLY SCARIFY THE SIDES OF THE TREE PIT TO ALLOW FOR ROOT GROWTH INTO ADJACENT SHOVEL CUT EDGE AROUND TREE, TYP. - REFER TO PLANS BACKFILL TOP 2/3 OF TREE PIT WITH APPROVED TOPSOIL -WATER IN AND REMOVE AIR POCKETS, CONTINUE TO FILL WITH TOPSOIL IF SETTLEMENT HAS OCCURRED UNTIL CORRECT ELEVATIONS ARE ACHIEVED, DO NOT FILL ON ROOT FLARE -

Landscape Architecture 311 East Cady Street Northville, MI 48167 Ph: 248-347-7010 Fax: 248-347-7005 Email: mailbox@gma-la.com

Typical Deciduous Tree Planting Detail NOT TO SCALE



- 1) BOLLARD LIGHT, INSTALL PER MANUFACTURER'S RECOMMENDATIONS - REFER TO SITE ELECTRICAL DRAWINGS PRODUCT - MOTIVE PATH LIGHT MODEL - AJIØØ-T4 DIMENSIONS - 35 ½" HT. X IØ ½" DIA. COLOR - MATTE BLACK COLOR TEMPERATURE - 4000K
- (2) PLANT BED REFER TO PLANS AND DETAILS

 - SITE DETAILS

L201

04.16.2021 Design Development

Preliminary

Construction

Do not scale Use figured

_ dimensions only

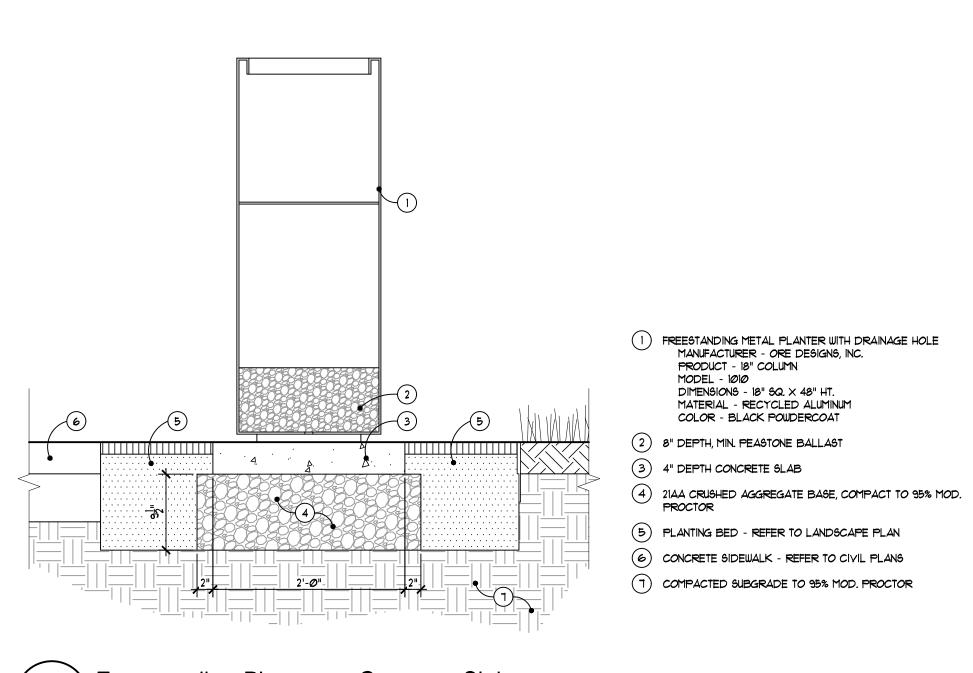
Record

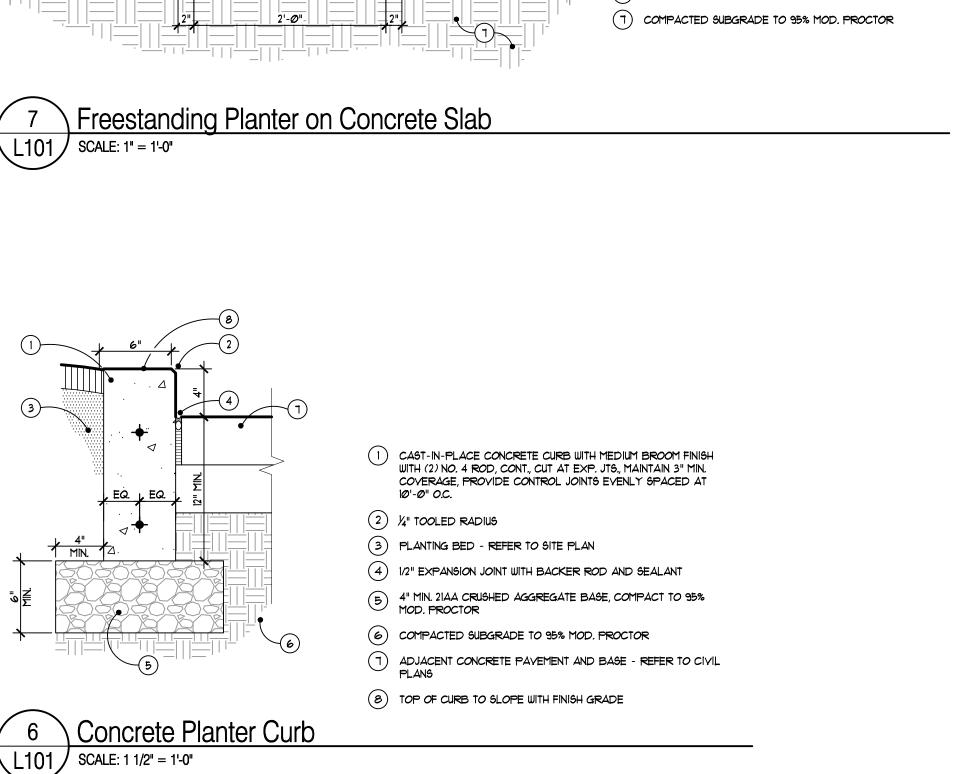
02.19.2021 Schematic Design

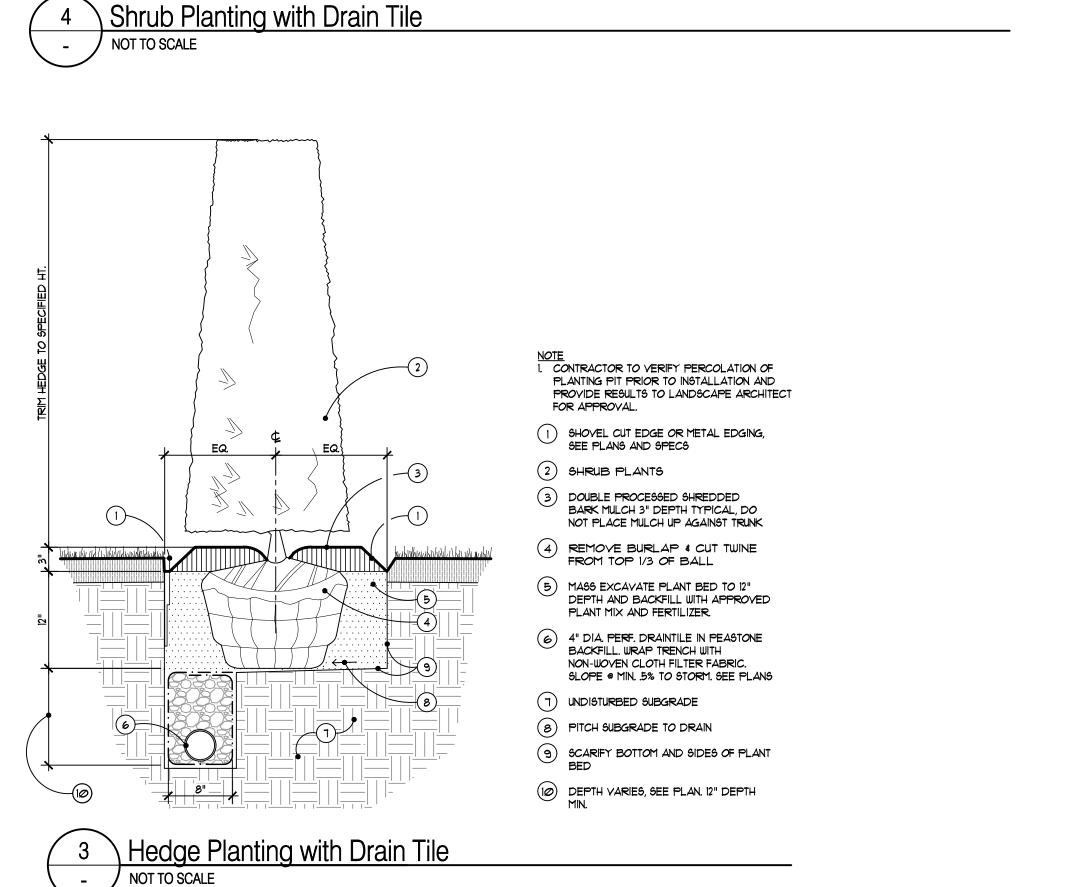
RKM

Bidpak Number

2020008.1







NOTES I. IN MASS PLANTINGS ENTIRE BED SHALL BE

2. CONTRACTOR TO VERIFY PERCOLATION OF PLANTING PIT PRIOR TO INSTALLATION AND PROVIDE RESULTS TO LANDSCAPE ARCHITECT

2) 1-1/2" DEPTH DOUBLE PROCESSED SHREDDED BARK MULCH, DO NOT PLACE MULCH UP AGAINST THE BASE OF THE PLANT

4 MASS EXCAVATE PLANT BED TO 12" DEPTH AND BACKFILL WITH APPROVED PLANT MIX

GROUND COVER PLANT, REMOVE FROM CONTAINER

NOTE

I. CONTRACTOR TO VERIFY PERCOLATION OF PLANTING PIT PRIOR TO INSTALLATION AND

1) SHOVEL CUT EDGE OR METAL EDGING, SEE PLANS AND SPECS

3) DOUBLE PROCESSED SHREDDED BARK MULCH 3" DEPTH TYPICAL, DO NOT PLACE MULCH UP AGAINST TRUNK

(4) REMOVE BURLAP AND CUT TWINE FROM TOP

(5) MASS EXCAVATE PLANT BED TO 12" DEPTH AND BACKFILL WITH APPROVED PLANT MIX

6 4" DIA. PERF. DRAINTILE IN PEASTONE BACKFILL. WRAP TRENCH WITH NON-WOVEN

STORM. SEE PLANS

(7) UNDISTURBED SUBGRADE

(11) SEE PLAN FOR SPACING

(8) PITCH SUBGRADE TO DRAIN

CLOTH FILTER FABRIC. SLOPE @ MIN. .5% TO

(9) SCARIFY BOTTOM AND SIDES OF PLANT BED

(10) DEPTH VARIES, SEE PLAN. 12" DEPTH MIN.

FOR APPROVAL.

(2) SHRUB PLANTS

PROVIDE RESULTS TO LANDSCAPE ARCHITECT

EXCAYATED

FOR APPROVAL.

(1) SEE PLANS FOR SPACING

3) STEEL EDGE, SEE PLAN

AND FERTILIZER

Typical Perennial / Groundcover Planting Detail

5) UNDISTURBED SUBGRADE

SIZE AS SHOWN

3 MANUFACTURER-PROVIDED BASE PLATE AND HARDWARE - INSTALL PER MANUFACTURER'S RECOMMENDATIONS (4) EXISTING SUBGRADE, COMPACT TOP 12" (MIN.) TO 95% MODIFIED PROCTOR, TYP. (5) CONCRETE FOOTING FLUSH TO TOP OF

AGGREGATE BASE, FORMED WITH SONOTUBE, 6 WIRE CONDUIT - REFER TO SITE ELECTRICAL