



paul reimer
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12.19.22
07.28.23
09.25.23
09.29.23

permit set
permit set revisions
historic review revisions
historic review revisions

heater
residence and
guest house
site walls
and gates

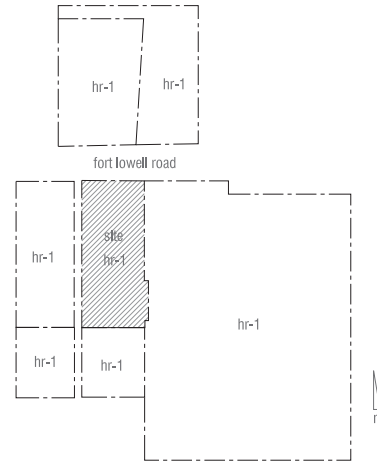
cover

5354 and 5360 east fort lowell road
tucson, arizona 85712

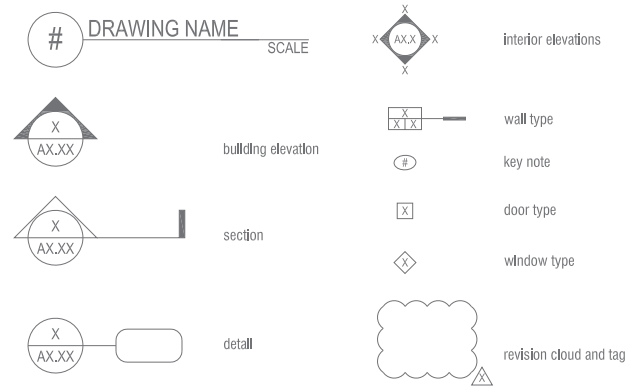
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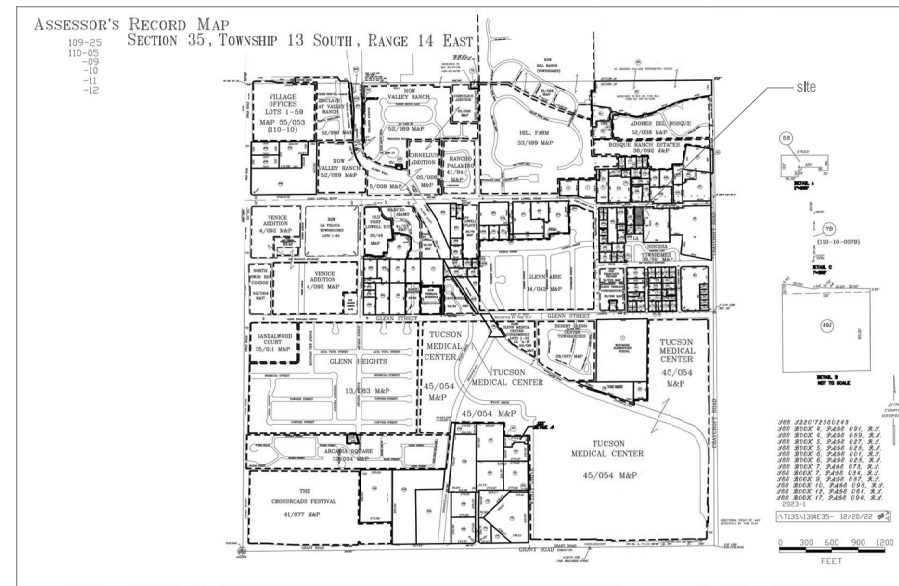
zoning diagram



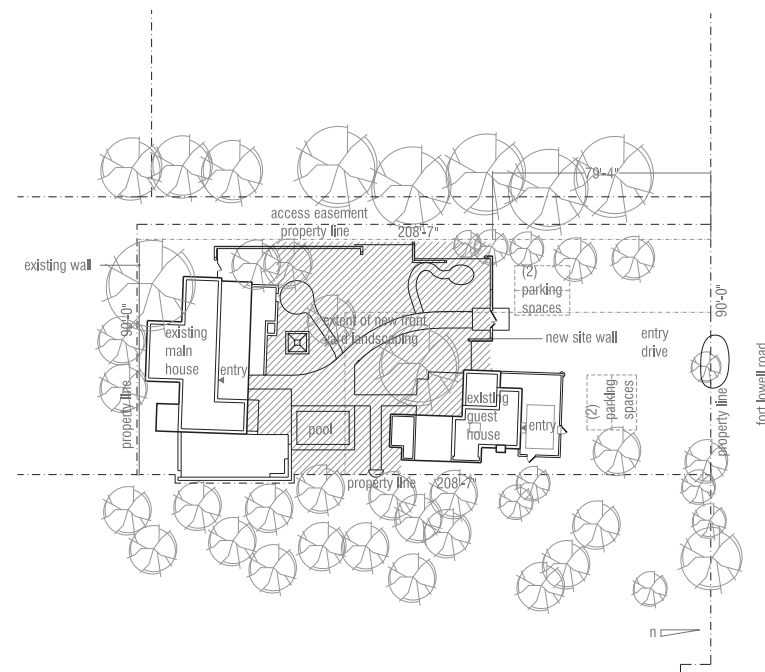
annotation legend



assessor's map



project diagram



project description

landscape remodel of existing front yard of main residence, replacement of existing site fencing with new masonry site walls and gate, addition of new hardscape areas.

existing historic elements in front yard to remain, including windmill and shrine. no work is to be done on existing residence or guest house in this scope of work.

legal description

PTN N208.60' LYG SLY & ADJ RD NE4 NW4 SE4 NE4
.44 AC SEC 35-13-14

project address

parcel number: 11009039D

5354 e fort lowell road
tucson, arizona 85712

owner / client

aaron and jill heater
5354 e fort lowell road
tucson, arizona 85712

design team

architect: paul reimer reimerarc pllc 2705 e lester street tucson, az 85716 (520) 881-0365 mobile paul@reimerarc.com	landscape architect: wheat design group landscape architects 500 n tucson blvd suite 150 tucson, az 85716 (520) 884-7911 matthew@ wheatdesigngroup.com	structural engineer: janelle perry janelle perry structural llc 8460 e brookhill drive tucson, az 85750 (520) 429-7080 janelle@jpstructural.com
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u/r values

(n/a)

code review

code reference:	city of tucson zoning ordinances 2018 international residential code (IRC) with city of tucson amendments 2018 international energy code 2017 International electrical code
zoning:	hr-1 fort lowell historic preservation zone (HPZ)

general notes

- all construction shall conform to applicable codes and regulations.
- contractor shall verify all dimensions and conditions at project site prior to commencing work and shall report any discrepancies to the architect.
- omissions or conflicts between various elements of the drawings, notes, and details shall be brought to the attention of the architect prior to proceeding with the work.
- do not scale drawings. use written dimensions, or where no dimensions are provided, consult with the architect for clarification before proceeding with the work.
- details shown shall be incorporated into the project at all appropriate locations whether specifically called out or not.

drawing index

g0	cover
g1	project information
l1	landscape schedules
l2	landscape demolition and hardscape plan
l3	landscape planting plan
l4	landscape lighting plan
l5	landscape details
l6	landscape details
a1	site wall plan
a2	site wall elevation, detail, and gate schedule

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g1

project information

PLANT SCHEDULE			
TREES	BOTANICAL / COMMON NAME	SIZE	QTY
	Acacia greggii Catclaw Acacia	15 gal.	1
	Ficus carica Common Fig	15 gal.	2
	Punica granatum Pomegranate	15 gal.	1
	Prosopis glandulosa Honey Mesquite	15 gal.	1
SHRUBS	BOTANICAL / COMMON NAME	SIZE	QTY
	Aloysia wrightii Wright's Beebrush	5 gal.	1
	Baileya multiradiata Desert Marigold	1 gal.	29
	Buddleja marrubifolia Woolly Butterfly Bush	5 gal.	1
	Calliandra eriophylla Fairy Duster	5 gal.	17
	Dalea greggii Trailing Indigo Bush	5 gal.	3
	Dodonaea viscosa Hopseed Bush	5 gal.	12
	Ericameria laricifolia Turpentine Bush	5 gal.	14
	Eriogonum fasciculatum Flattop Buckwheat	5 gal.	19
	Eupatorium greggii Butterfly Mist	5 gal.	4
	Hymenoxys acaulis Angelita Daisy	5 gal.	6
	Hyptis emoryi Desert Lavender	5 gal.	2
	Jatropha cardiophylla Sangre De Cristo	5 gal.	1
	Justicia californica Chuparosa	5 gal.	4
	Justicia candicans Red Justicia	5 gal.	7
	Larrea tridentata Creosote Bush	5 gal.	1
	Melampodium leucanthum Blackfoot Daisy	5 gal.	14
	Plumbago scandens White Desert Plumbago	5 gal.	4
	Poliomintha maderensis 'Lavender Spice'™ Mexican Oregano - Lavender Spice	5 gal.	3
	Psilostrophe cooperi Paperflower	5 gal.	21
	Salvia chamaedryoides Mexican Blue Sage	5 gal.	6
	Salvia greggii Autumn Sage	5 gal.	9
	Scutellaria x 'Starrfire' Starrfire Skullcap	1 gal.	4

PLANT SCHEDULE			
SHRUBS	BOTANICAL / COMMON NAME	SIZE	QTY
	Simmondsia chinensis Jojoba	5 gal.	1
	Tecoma stans Yellow Bells	5 gal.	8
CACTI/SUCCULENTS	BOTANICAL / COMMON NAME	SIZE	QTY
	Agave geminiflora Twin Flowered Agave	5 gal.	4
	Agave palmeri Palmer's Century Plant	5 gal.	5
	Agave weberi Weber Agave	5 gal.	4
	Aloe striata Coral Aloe	5 gal.	3
	Aloe x 'Blue Elf' Blue Elf Aloe	5 gal.	5
	Cleistocactus strausii Silver Torch	5 gal.	3
	Dasylirion wheeleri Grey Desert Spoon	5 gal.	2
	Echinocactus grusonii Golden Barrel Cactus	5 gal.	6
	Euphorbia antisyphilitica Candelilla Euphorbia	5 gal.	6
	Euphorbia resinifera Moroccan Spurge	5 gal.	1
	Ferocactus wislizeni Fish Hook Barrel Cactus	5 gal.	3
	Hesperaloe funifera Mexican False Yucca	5 gal.	1
	Hesperaloe nocturna Night Flowering Hesperaloe	5 gal.	4
	Hesperaloe parviflora Red Yucca	5 gal.	2
	Opuntia versicolor Staghorn Cholla	5 gal.	1
	Opuntia violacea 'Santa Rita' Purple Prickley Pear	5 gal.	3
	Pedilanthus macrocarpus Slipper	5 gal.	1
	Yucca elata Soaptree Yucca	5 gal.	2
GRASSES	BOTANICAL / COMMON NAME	SIZE	QTY
	Bouteloua gracilis Blue Grama Grass	1 gal.	1
	Muhlenbergia rigida Little Deer Grass	5 gal.	20
VINES	BOTANICAL / COMMON NAME	SIZE	QTY
	Antigonon leptopus Queen's Wreath Vine	5 gal.	2
	Macfadyena unguis-cati Cat's Claw Creeper	5 gal.	3
	Parthenocissus x 'Hacienda Creeper' Hacienda Creeper	5 gal.	6

REFERENCE NOTES SCHEDULE					
SYMBOL	DESCRIPTION	SIZE	QTY	COLOR	NOTES
	2' x 2' Boulder	2' x 2'	19	Desert Gold	
	3' x 3' Boulder	3' x 3'	13	Desert Gold	
	Red Brick Pavers	8" x 4"	1,307 sf		Provide owner samples. Match color to existing.
	DG 1/4" Minus	-1/4"	511 sf	Desert Gold	Provide owner samples. Installed at 2" depth and compacted.
	Integral Colored Concrete		240 sf	Davis Colors: Omaha Tan 5084	Integral Colored Concrete with Salt Finish

GENERAL NOTES:

- Contractor is responsible for all permits, inspections, and location of all existing underground utilities unless otherwise advised directly by Owner.
- Contractor to verify location of all underground utilities prior to construction.
- Contractor to verify and coordinate locations of all equipment (Gas and Lighting) and power supply with Owner and other Contractors.
- Any items on plans, schedules, or notes not included in Contractor Bid shall be noted and conveyed to Owner.
- Substitutions may be made to any plant or hardscape material/ equipment with prior approval of Owner and/or Representative.
- Contractor to apply pre-emergent herbicide to fenced area prior to landscape installation.
- Contractor responsible for site grading. Fire pit area will require fill to create level area.
- All existing plants to be preserved in place unless instructed by homeowner.

HARDSCAPE NOTES:

- Quantities shown are for Contractor convenience. Contractor shall verify all quantities.
- Each Boulder shall be set 1/4 of its mass under finish grade.
- Owner and/or Representative shall approve material colors, samples, and/or product submittals prior to procurement.
- Landscape grading shall achieve positive drainage away from residence and structures, and shall drain toward swales and depressions, as feasible.

IRRIGATION NOTE:

- All new plants to be connected to existing drip irrigation system

PLANTING NOTES:

- Plant quantities shown are for Contractor convenience. Contractor shall verify all plant quantities. Plant quantities shall be derived from plans.
- All tree locations, species, and sizes shall be approved by Owner and/or Representative prior to installation.
- All trees shall have nursery stakes removed after planting. Trees requiring staking shall have two 2" round stakes with protective strapping allowing the tree to move without damage or girdling.
- Landscape grading must be approved prior to installation of plant materials.
- All plant locations shall be approved by Owner and/or Representative prior to planting.
- Soil may be amended prior to planting as needed. All plantable area shall be ripped to a depth of 8" prior to final grading.
- Contractor to provide quote for drip irrigation design/installation.

CONTRACTOR SCOPE OF WORK:

- Demo DG as necessary. Remove existing landscape lighting.
- Light grading. See Sheet L02.
- Install landscape lighting.
- Install new plants.
- Modify existing irrigation as necessary to provide irrigation to new plants.
- New paver pathway.
- New boulders and DG.

WHEAT DESIGN GROUP

LANDSCAPE ARCHITECTS

500 N Tucson Blvd Suite 150
Tucson, AZ 85716

520.884.7911

www.wheatdesigngroup.com

LANDSCAPE SCHEDULES

HEATER RESIDENCE

5354 E FORT LOWELL RD TUCSON, AZ 85712

Revisions

No.	Date

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Project No. 21200

Date 11/2022

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Scale N/A

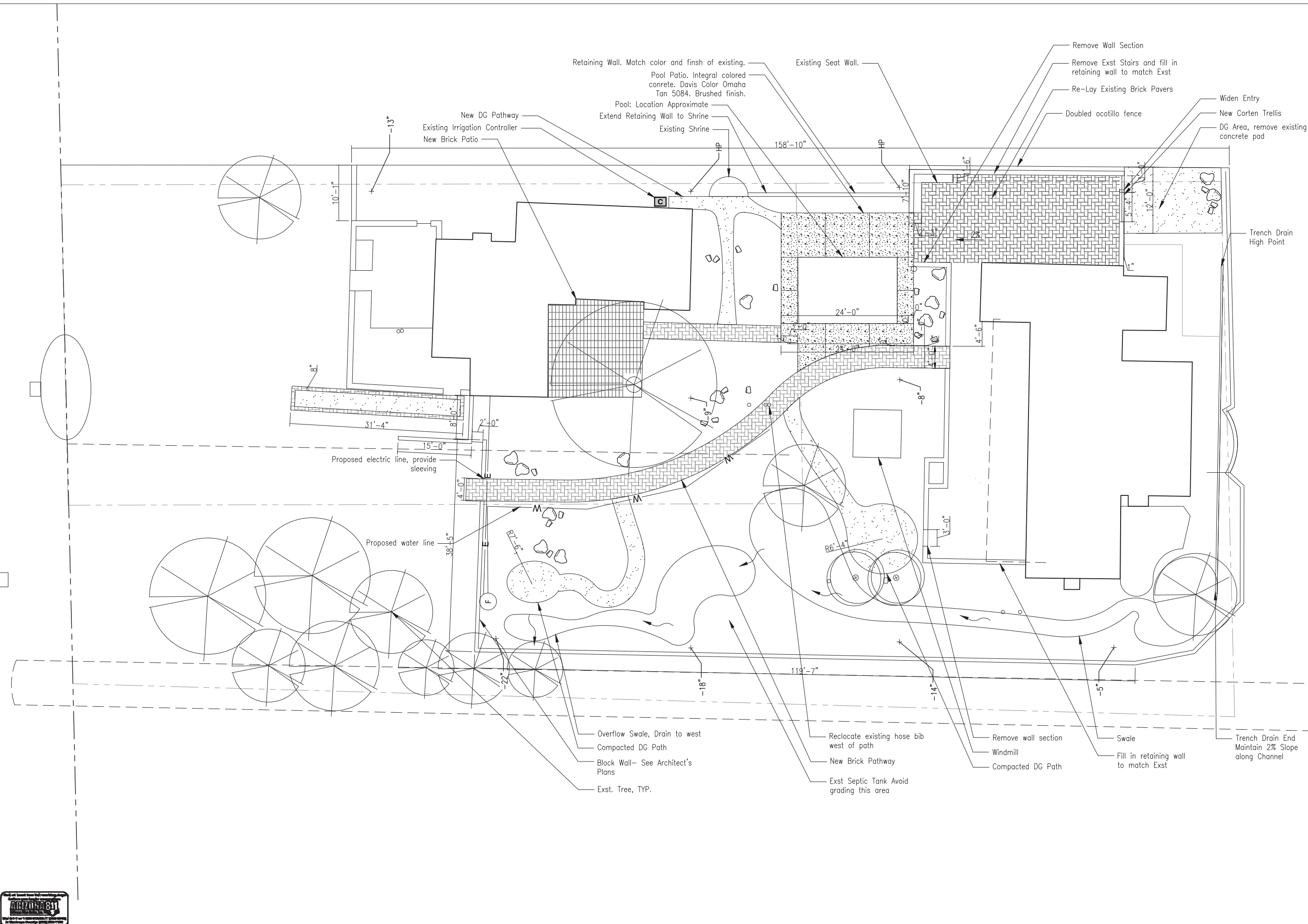
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L01

DEMO & HARDSCAPE PLAN

HEATER RESIDENCE

5354 E FORT LOWELL RD TUCSON, AZ 85712



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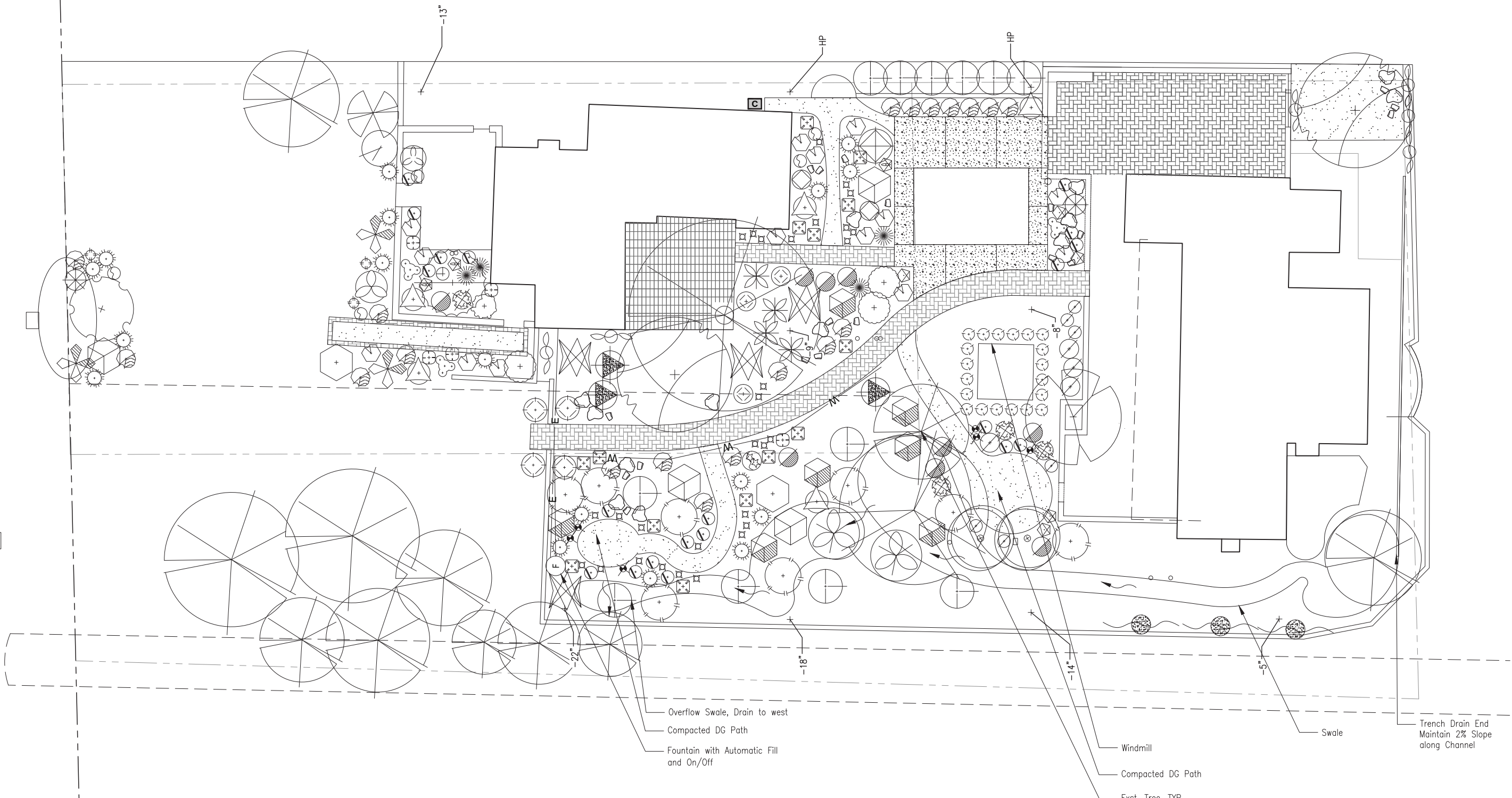
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Date 11/2022
Drawn By ML
Checked By LM

Scale 1/4"=1'-0"

Sheet

L02





Overflow Swale, Drain to west
Compacted DG Path
Fountain with Automatic Fill
and On/Off

Windmill
Compacted DG Path
Exst. Tree, TYP.

Trench Drain End
Maintain 2% Slope
along Channel

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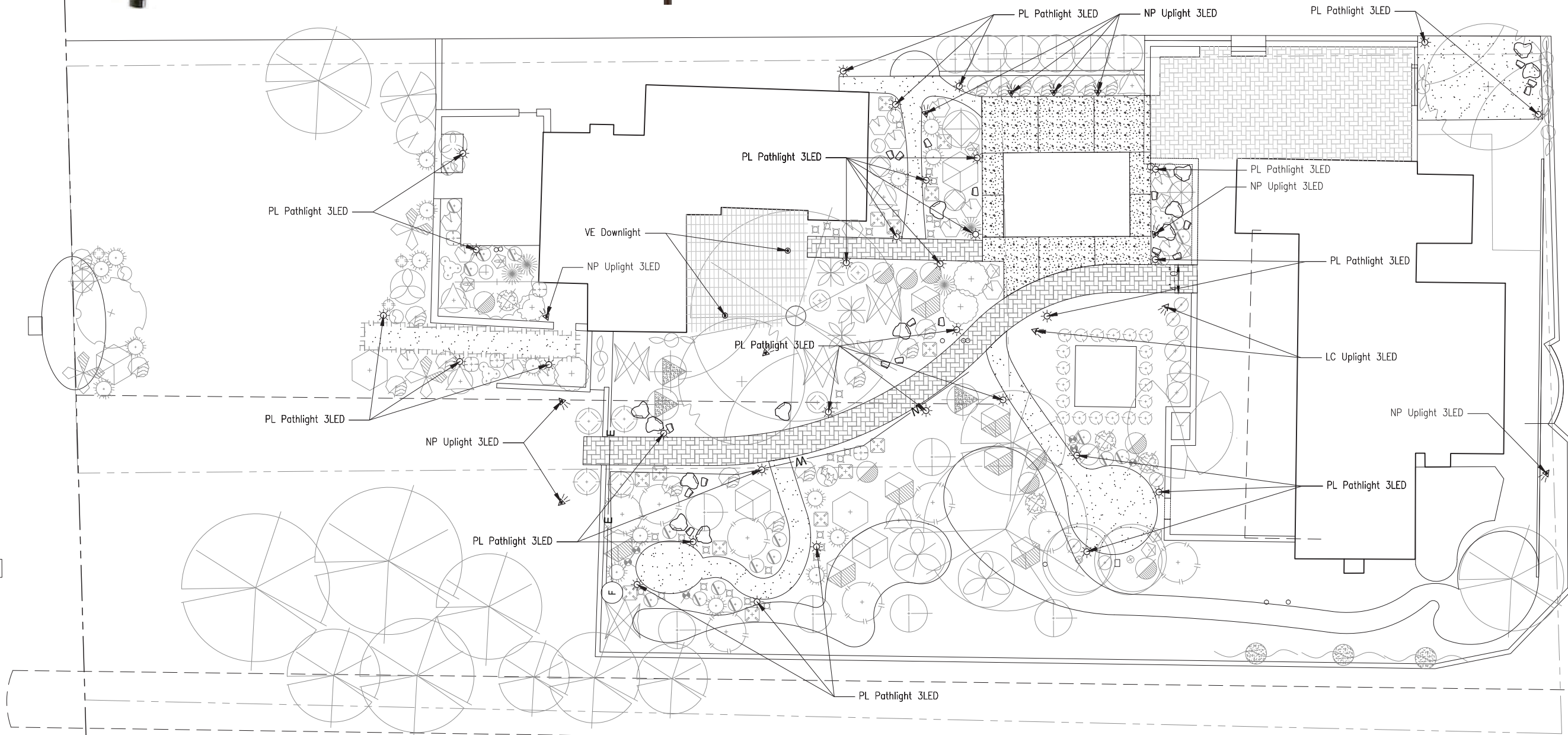
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
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●	FX Luminaire VE Die-cast brass or aluminum housing with natural, powder coated or antiqued finish. 2.495" Dia x 3.225" H. Order code: VE, Aluminum Alloy, (FB) Flat Black, SS Hanging Cable Lamp: VE-3LED, 4.2W 4.5VA, 2700K, Beamspread: Flood	2	
---	--	---	---

⚡	FX Luminaire LC Large scale up light used for wide scale elements. 6.5" H x 4.5" W x 3.0" D. Order code: LC, Aluminum Alloy, (FB) Flat Black, Long Slot Spike Lamp: LC-6LED, 10.1W 13.5VA, 2700K, Beamspread: Very Wide Flood	2	
---	--	---	---

⚡	FX Luminaire NP 6LED Large directional up light ideal for large landscape features. 8.38" H x 2.66" Dia. Order code: NP, Aluminum Alloy, (FB) Flat Black, Long Slot Spike Lamp: NP-6LED, 8.2W 9.7VA, 2700K, Beamspread: Narrow Flood	11	
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☀	FX Luminaire PL Die-cast aluminum path light with two-layer marine grade anodization and powder-coated finish. 5" Dia x 15" H. Order code: PL, Aluminum Alloy, (FB) Flat Black, Long Slot Spike Lamp: PL-3LED, 4.2W 4.5VA, 2700K, Beamspread: Very Wide Flood	32	
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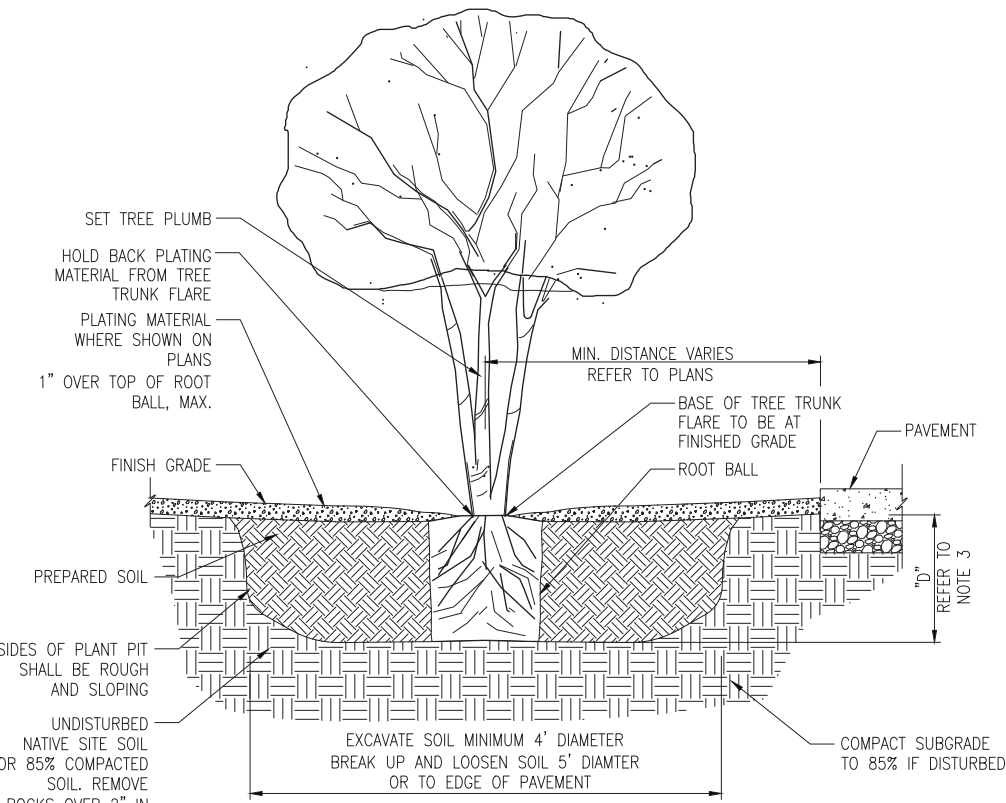
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Scale 1/4"=1'-0"

Sheet

L04



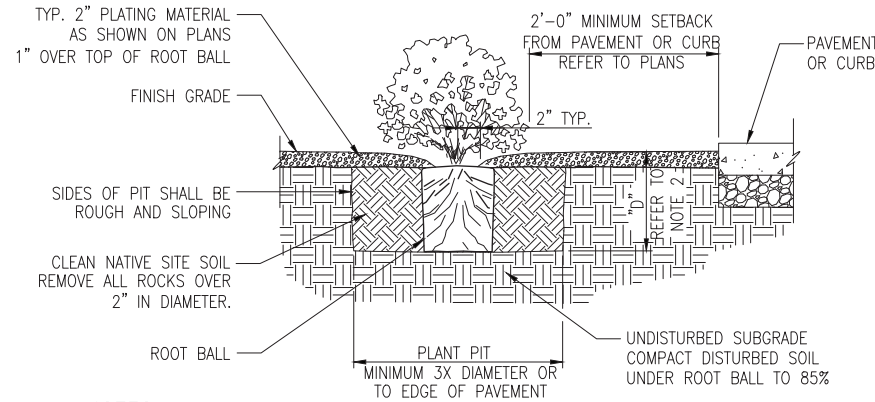


NOTES:

1. No plants shall be pruned except at the direction of the Owner's Representative.
2. No trees to be staked except at the direction of the Owner's Representative.
3. Depth ("D") of plant pit to be equal to depth of rootball.
4. Test planting pit drainage and provide drainage chimneys. Allow water to settle and remove air pockets.
5. Finish grade of root ball shall match finish grade of surrounding soil. Root ball may be placed up to 1" above surrounding soil to allow for settling. Do not place plating material at base of plant.

1 TREE PLANTING

N.T.S.

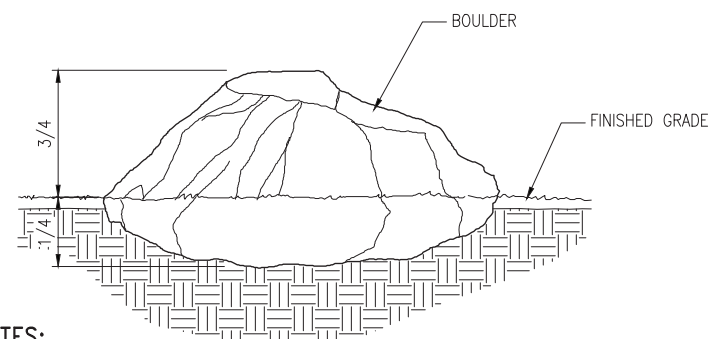


NOTES:

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2. Depth ("D") of plant pit to be equal to depth of rootball.
3. Test planting pit drainage and provide drainage chimneys.
4. Finish grade of root ball shall match finish grade of surrounding soil. Do not place plating material at base of plant.

2 SHRUB PLANTING (CONTAINER GROWN)

N.T.S.

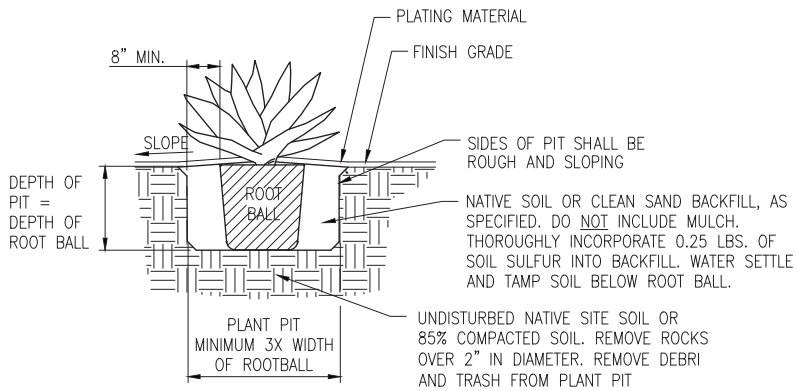


NOTES:

1. Boulder to be set with 1/4 mass below finished grade.
2. Set boulders firmly so they do not rock. Compact soil around edges.
3. All boulders to have weathered surface exposed.
4. All boulders shall be Santa Fe Gold, or approved equal.

3 BOULDER PLACEMENT

N.T.S.



NOTES:

1. Do not create a basin at base of plant. Slope backfill away from stem.
2. Set stem succulent so that top of root ball matches adjacent grade.
3. Depth of plant pit to be equal to depth of rootball.
4. This detail applies to nursery grown stock of the genera agave, aloe, dasylirion, hesperaloe, nolina and yucca.

4 AGAVE/YUCCA PLANTING

N.T.S.

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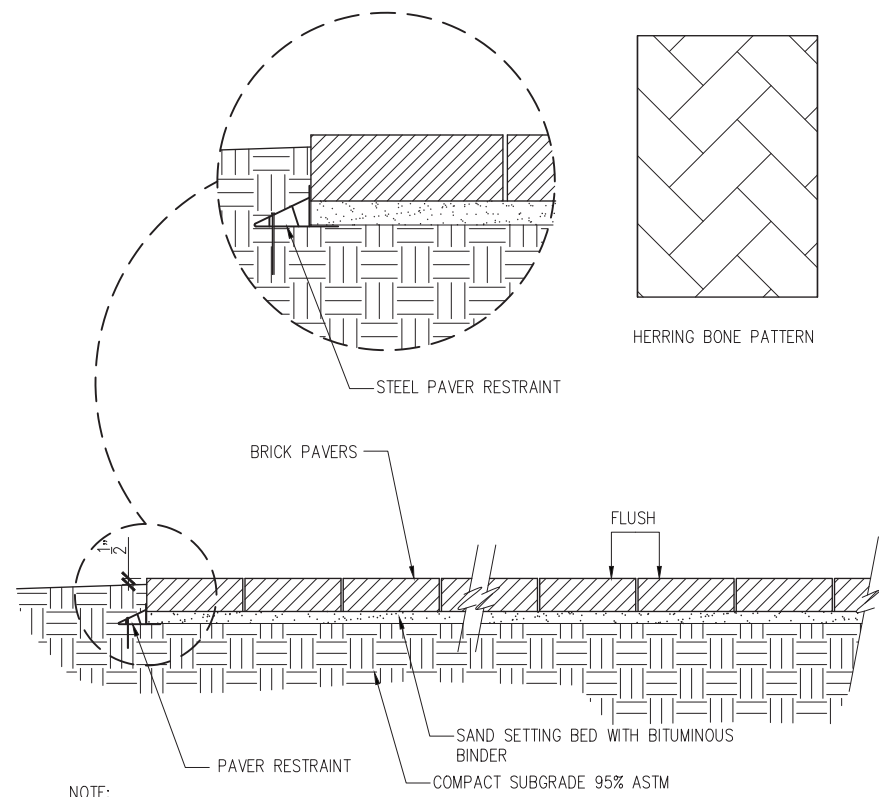
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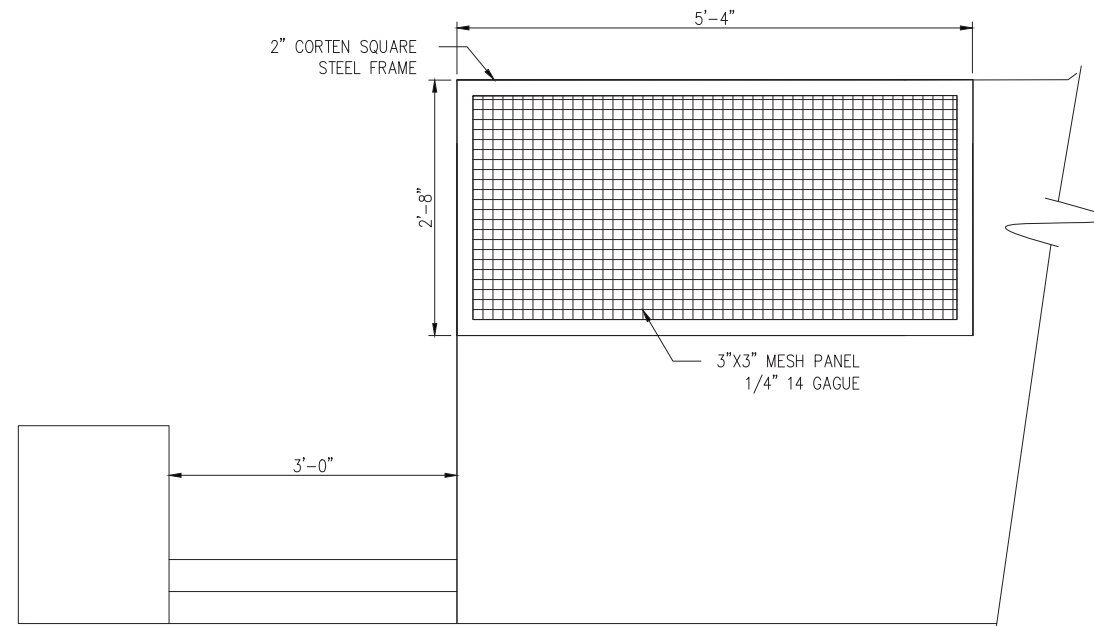
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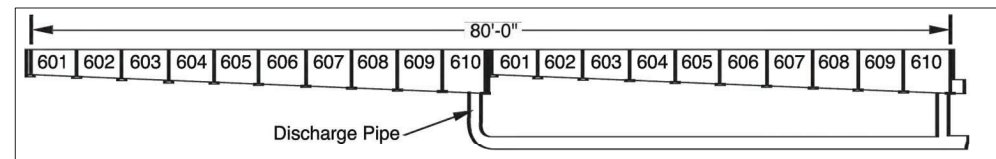
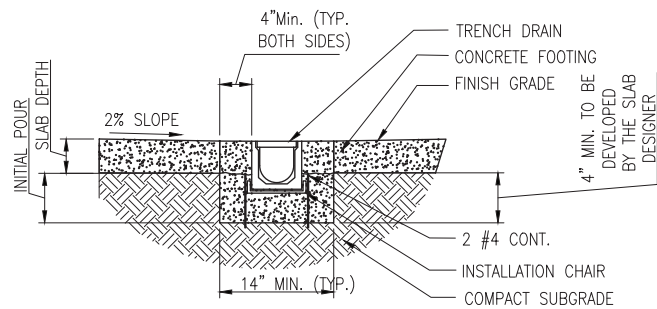


NOTE:
 1. Refer to Specifications.

1 RED BRICK PAVERS
 N.T.S.



2 CORTEN TRELLIS
 N.T.S.



ASSEMBLY DIAGRAM

3 TRENCH DRAIN
 N.T.S.

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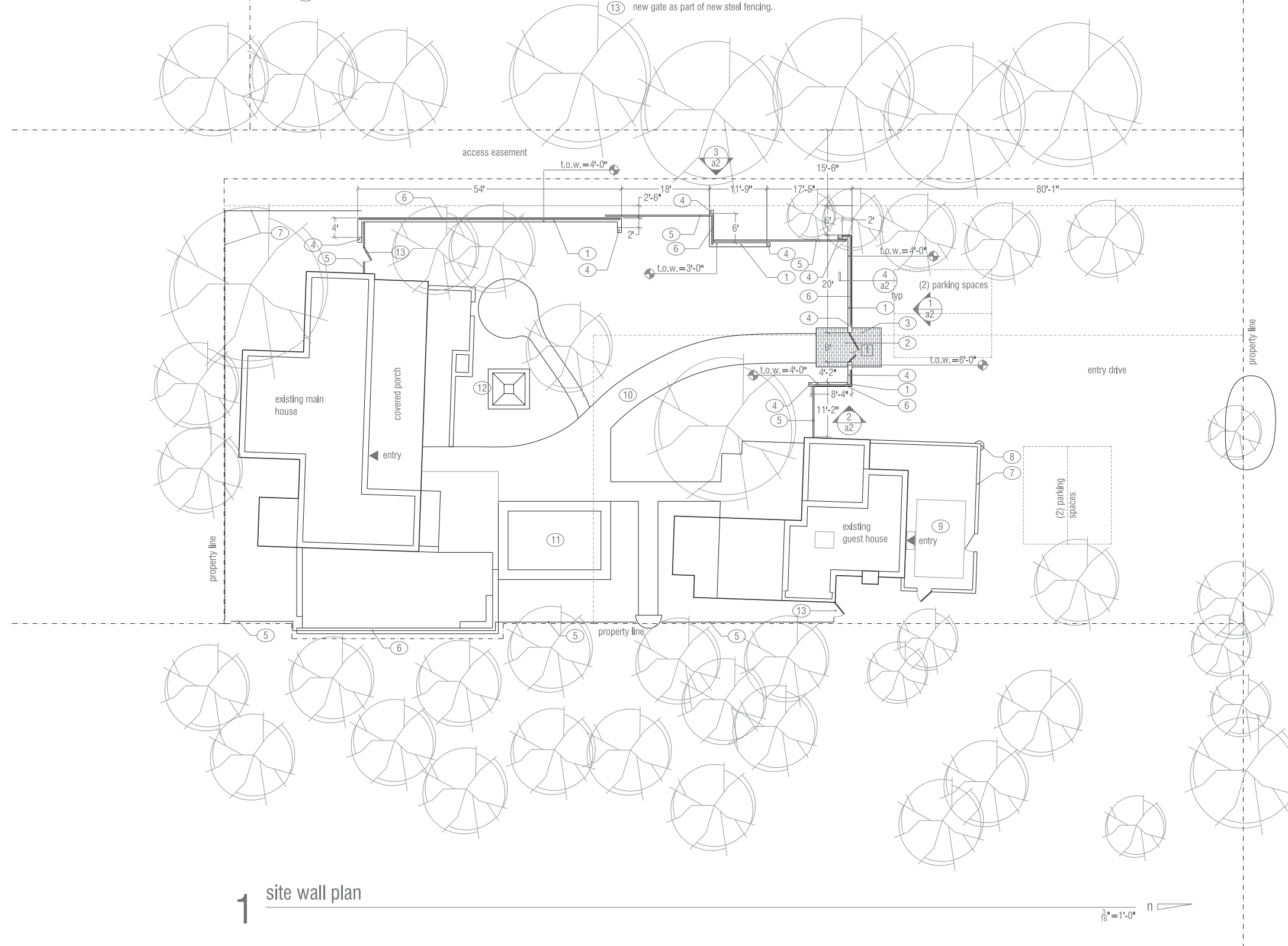
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site plan key notes

- ① new masonry and plaster site wall, refer to elevations and section detail.
- ② new gate, refer to gate schedule.
- ③ new brick paved entry landing.
- ④ shaped and sloped portion of wall, see elevations.
- ⑤ new steel fencing, refer to elevation and gate schedule.
- ⑥ new steel fencing on top of new wall, refer to elevations.
- ⑦ existing site wall to remain.
- ⑧ existing conical buttress on site wall to remain.
- ⑨ guest house court to be redone under separate scope of work.
- ⑩ new pathways and plantings as per landscape drawings.
- ⑪ new pool under separate contract.
- ⑫ existing windmill to remain.
- ⑬ new gate as part of new steel fencing.



1 site wall plan

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reimerarc
site wall plan
a1

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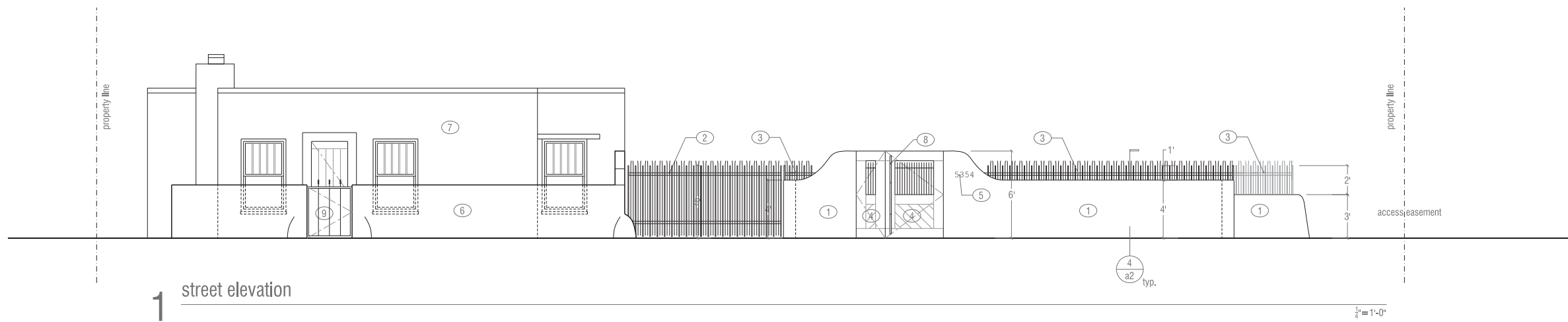
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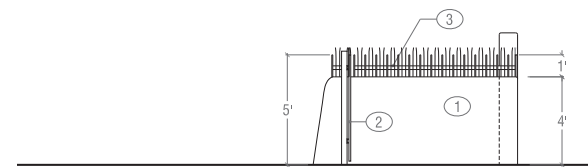
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a2

reimer arc
wall elevations and gate schedule



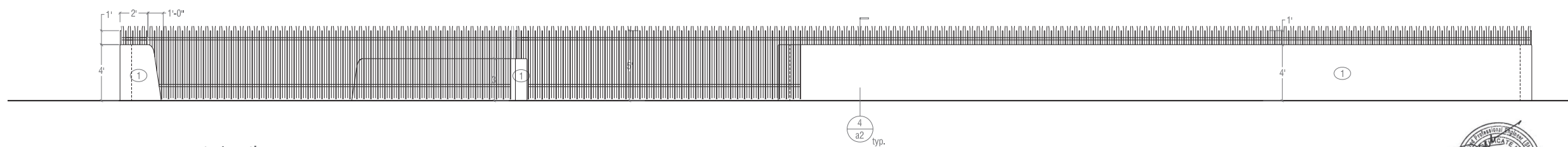
1 street elevation



2 site wall side elevation

elevations key notes

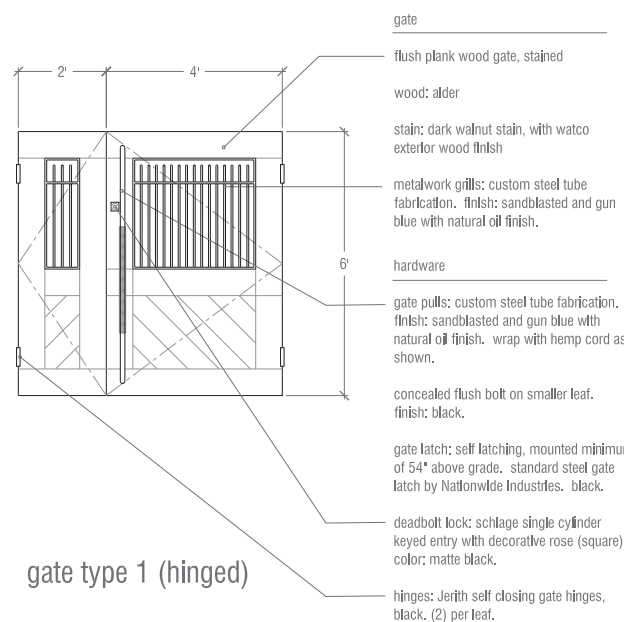
- ① new site wall: 8" cmu wall with 3 coat cement plaster. plaster shall be smooth finish. corners shall be slightly eased with corner beads. paint with color to be determined.*
- ② new steel fence. refer to details for information.
- ③ new steel fence mounted on top of masonry site wall.
- ④ wood gate as scheduled.
- ⑤ new house numbers mounted to exterior of plaster wall. number style to be selected by owner.
- ⑥ existing courtyard wall to be refinished under separate scope of work.
- ⑦ existing guest house to be remodeled under separate scope of work.
- ⑧ gate handle, see gate and hardware schedule.
- ⑨ existing gate to remain.



3 west elevation

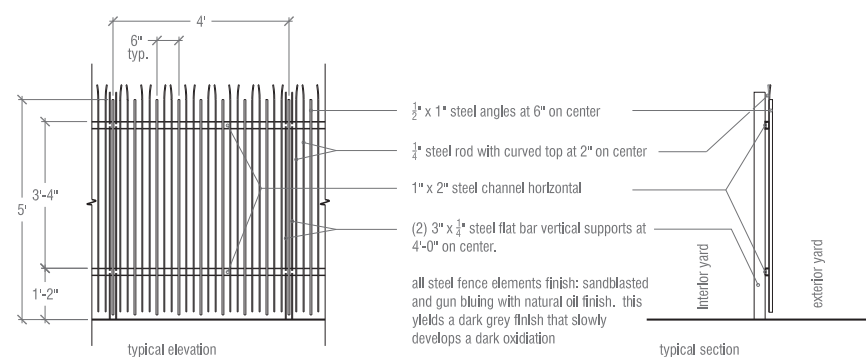


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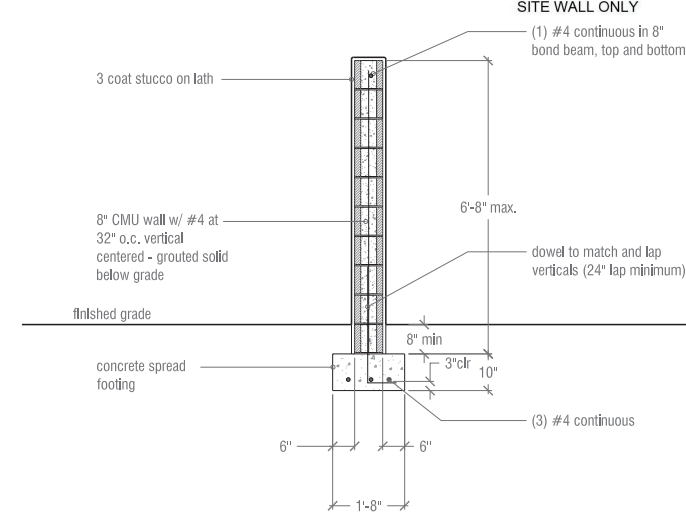
gate type 1 (hinged)

gate schedule



fence type 1

fence schedule



4 structural section at site wall

3/4" = 1'-0"