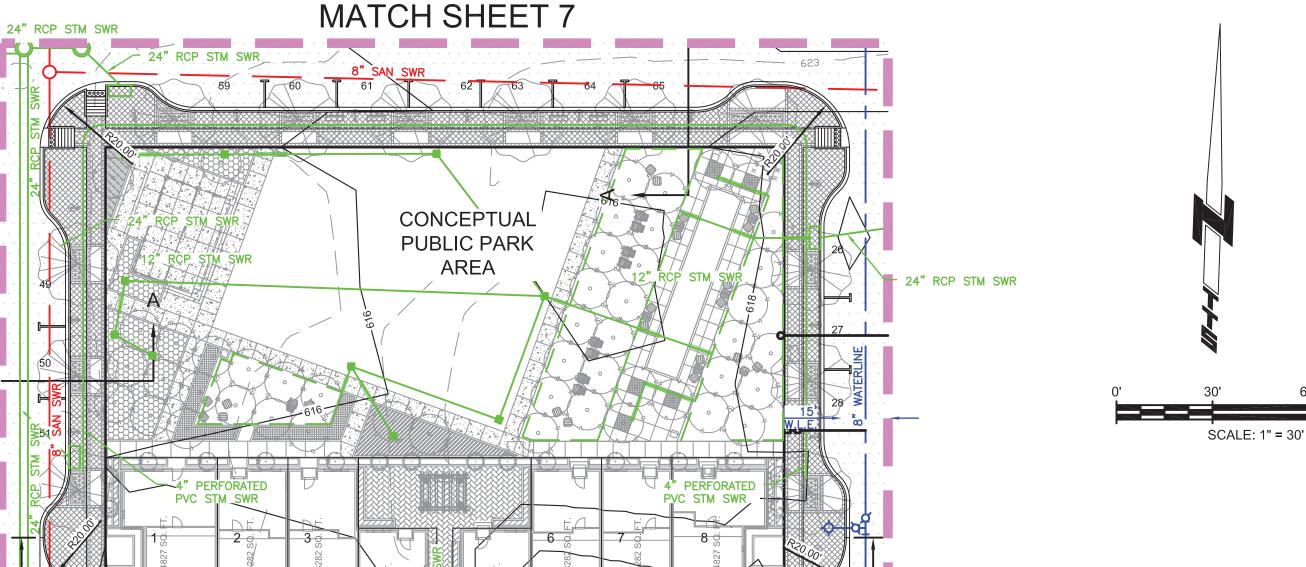


### TOWN CASE NUMBER: 1865-Z

Block C	Lot Size (S.F.)	Required Open Space (S.F.) (Max. 95% Coverage)	Actual Open Space (S.F.)	
1	1574	79	314	
2	989	50	65	
3	989	50	65	
4	1114	56	191	
5	1114	56	190	
6	989	50	66	
7	989	50	66	
8	1574	79	315	
9	1135	57	135	
10	966	49	105	
11	920	46	105	
12	920	46	105	
13	1309	66	335	
14	1388	70	375	
15	1694	85	671	
16	1158	58	218	
17	1158	58	218	
18	1976	99	490	
19	1288	65	331	
20	1422	72	428	
21	1313	66	390	
22	1313	66	390	
23	1422	72	428	
24	1288	65	331	
25	2171	109	675	
26	1375	69	435	
27	1376	69	435	
28	1730	87	706	
29	1388	70	452	
30	1309	66	335	
31	920	46	105	
32	920	46	105	
33	966	49	105	
34	1135	57	135	
11X	5679			



<sup>∞</sup> F.F. =631.0

L16

AREA

CONCEPTUAL-

PUBLIC PARK

Ex. 8" Waterline

PROPOSED -

TOWN OF ADDISON

PARCEL 100053900A0010100

FENCE

F.F.=617.0

F.F.=629.0

S 89°53'32" W 102.06'

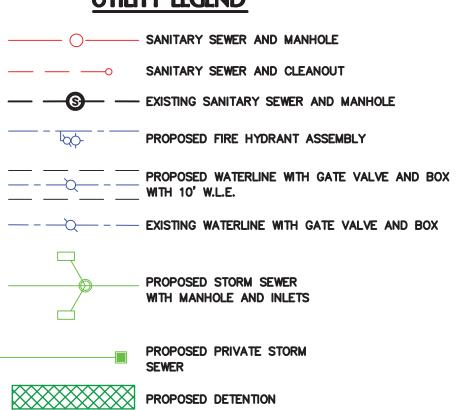
- CONCEPTUAL

**PUBLIC PARK** 

AREA

### NO FLOODPLAIN **EXISTS ON THE SITE**

### UTILITY LEGEND



EXISTING STORM SEWER AND MANHOLE

> EXISTING INLET PROPOSED TREE WELL

PARKING SPACES (PUBLIC STREETS)
W/ 3 ADA ACCESSIBLE PARKING SPACES AND 1 ADA VAN PARKING SPACE

PRIVATE STREET CONCEPTUAL PARKING SPACES W/ 2 ADA ACCESSIBLE PARKING SPACES AND 1 ADA VAN PARKING SPACE PUBLIC R.O.W. (SECTION B-B, C-C & D-D) FIRE LANE ACCÈSS

CONCRETE PRIVATE DRIVE-24.00' FIRE LANE ACCESS AND UTILITY EASEMENT

SIDEWALK RAMP

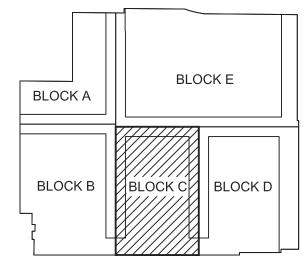
SIDEWALK

LANDMARK BUILDINGS

LINE	BEARING	DISTANCE
L13	N 00°18'21" W	6.39'
L14	S 89°29'21" W	24.40'
L15	S 00°49'51" E	9.91'
L16	S 89°21'47" W	25.89'
L17	N 00°01'17" W	9.87
L18	N 89'58'07" W	97.86'
1.10	C 00°47'07" W	10.07







**LOCATION MAP** 

ADDISON GROVE UTILITY PLAN BLOCK A LOTS 1-33, BLOCK B LOTS 1-57, BLOCK C LOTS 1-34, BLOCK D LOTS 1-56 US SURVEYOR 5213 PREPARATION DATE: 4/08/2016 ADDISON, TEXAS PROJECT NUMBER

> TOWN CASE NUMBER: 1865-Z

SITE PLAN AND **UTILITY PLAN** BLOCK C

ADDISON GROVE

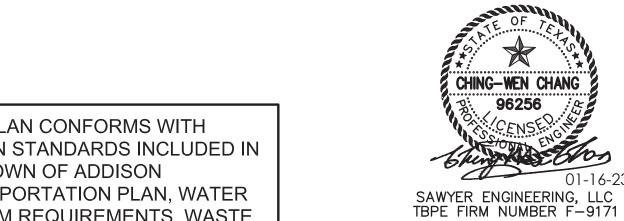
## SAWYER

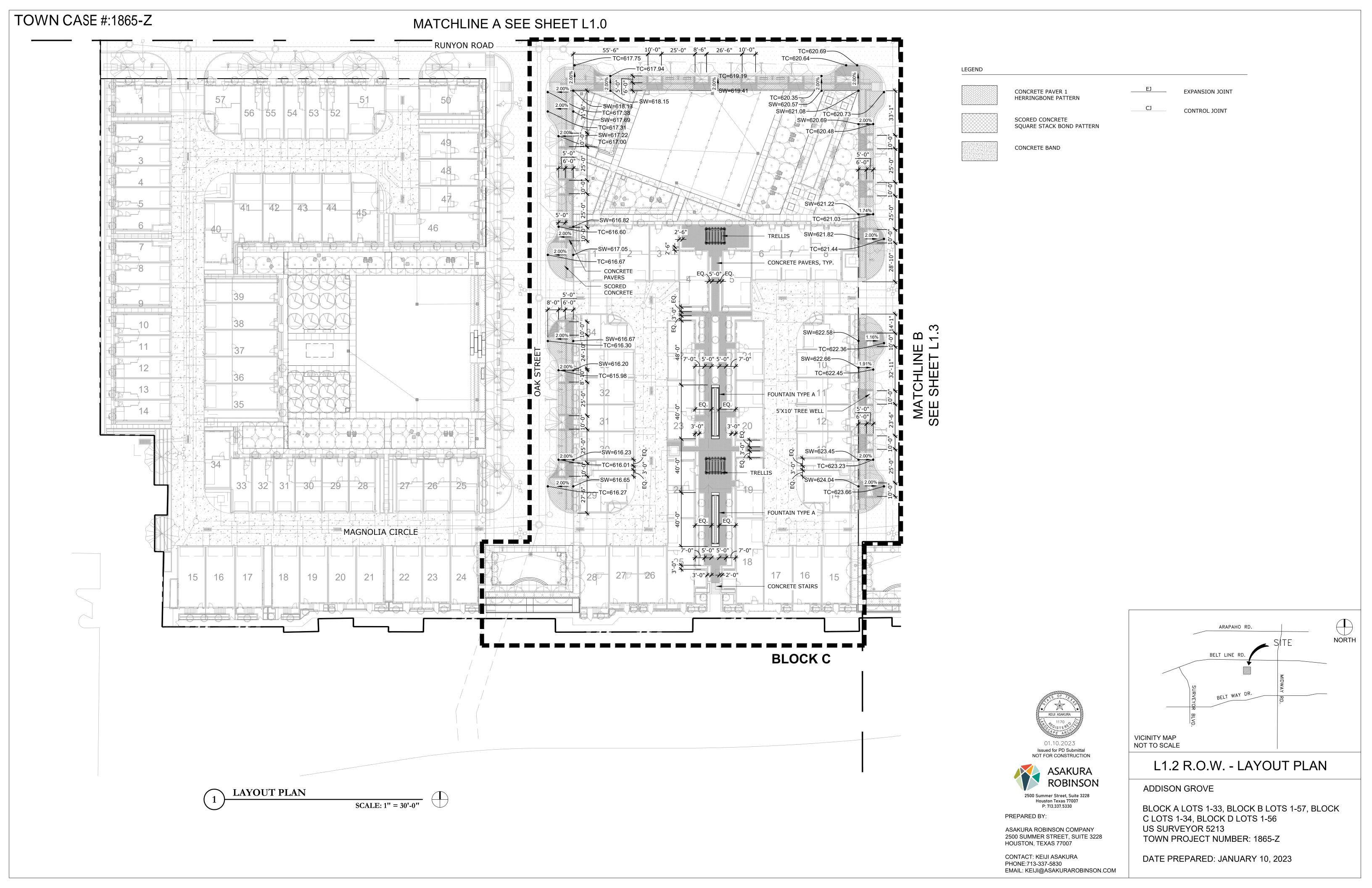
ENGINEERING, LLC CIVIL ENGINEERING & PLANNING 1520 OLIVER STREET, HOUSTON, TEXAS 77007 (713) 961-3877 TBPE FIRM: F-9171

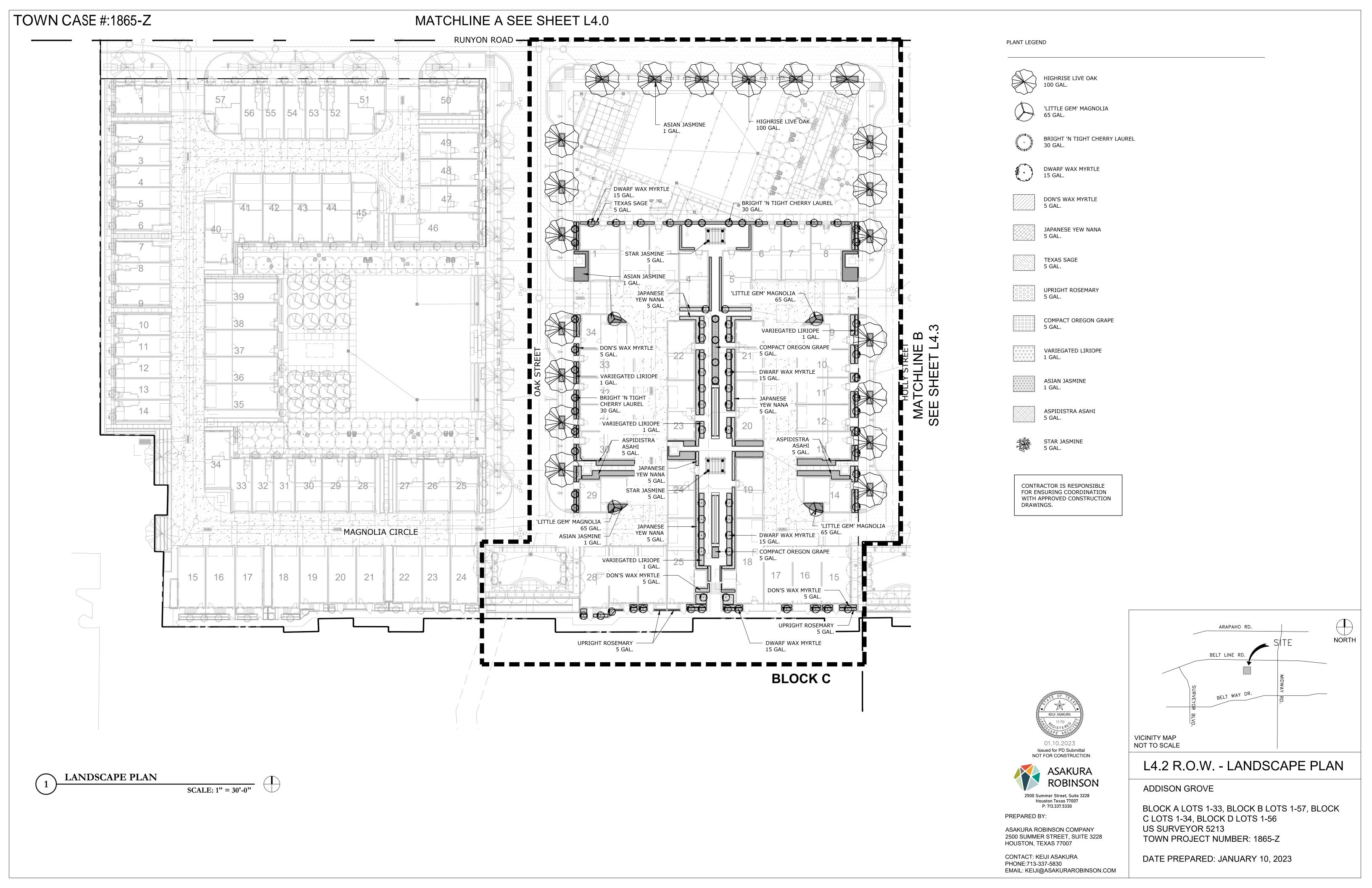
PROJ. NO. SCALE: 1" = 30' DRAWN BY: JDS SHEET DATE CHK'D BY: CDP 04/08/2016 APPROVED: CDP

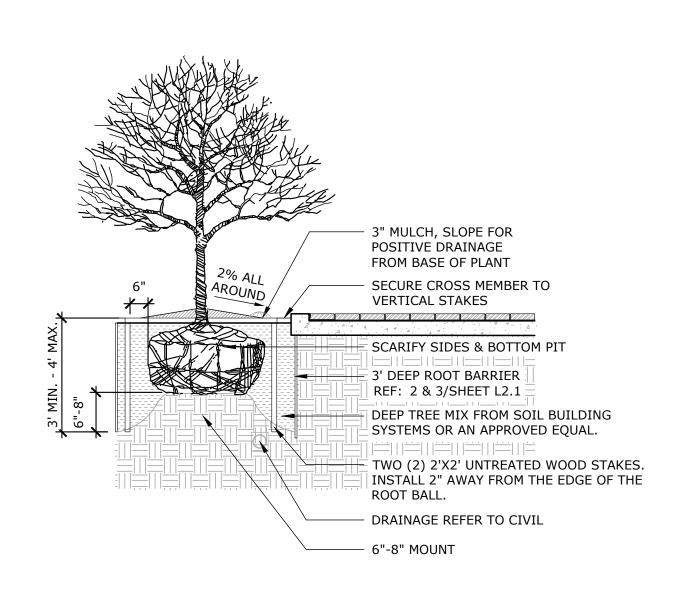
LINE	BEARING	DISTANCE
L13	N 00°18'21" W	6.39'
L14	S 89'29'21" W	24.40'
L15	S 00°49'51" E	9.91
L16	S 89°21'47" W	25.89'
L17	N 00°01'17" W	9.87
L18	N 89*58'07" W	97.86'
L19	S 00°43'23" W	10.07
L20	N 00°23'00" W	9.95'

THIS PLAN CONFORMS WITH DESIGN STANDARDS INCLUDED IN THE TOWN OF ADDISON TRANSPORTATION PLAN, WATER SYSTEM REQUIREMENTS, WASTE WATER SYSTEM REQUIREMENTS, AND DRAINAGE CRITERIA MANUAL









TYP. TREE PLANTING DETAIL
IN TREE WELL
N.T.S.

Trachelospermum jasminoides

8" O.C. 2.60 9" O.C. 1.78 10" O.C. 1.66 12" O.C. 1.15 18" O.C. 0.50 24" O.C. 0.28 30" O.C. 0.18 SHRUB OR GROUNDCOVER LAYOUT 36" O.C. 0.12 , VARIES , REFER TO PLANTING PLAN 48" O.C. 0.07 SHRUB OR GROUNDCOVER -SEE PLANTING SCHEDULE FOR SIZE & SPACING STEEL EDGE - SET 3" ROTOTILL OR SPADE BED @ ABOVE FINISH GRADE SPACING FINISHED GRADE TO A DEPTH PROVIDE GAPS ON PER PLAN OF 6", ADD SOIL MIXTURE TO SLOPE TO ALLOW BEDS BRING BED TO 3" ABOVE FINISH TO DRAIN GRADE, WATER ADDED TO SETTLE THE MIXTURE TO 2" ABOVE FINISH GRADE - DEEP TREE MIX FROM SOIL BUILDING SYSTEMS OR AN APPROVED EQUAL. UNDISTURBED SUBGRADE 3" MULCH, SLOPE FOR POSITIVE DRAINAGE FROM BASE OF PLANT

PLANTS/SF

6" O.C.

3 PLANTS PER CONTAINER / 30" O.C. ALONG WALL

TYP. SHRUB / GROUND COVER PLANTING
DETAIL & SPACING CHART

N.T.S.

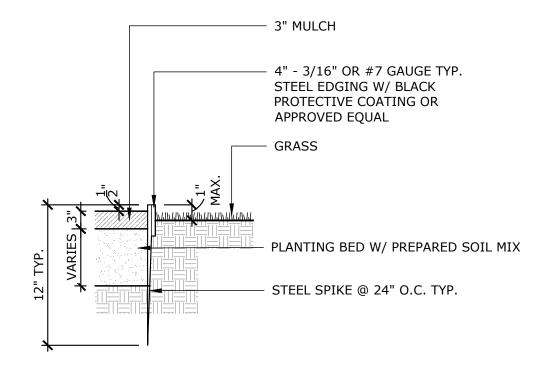
TYP. STEEL EDGING DETAIL

N.T.S.

PLANT	SCHEDULE				
QUANTITY	COMMON NAME / BOTANICAL NAME	SIZE CALIPER	HEIGHT	SPREAD	COMMENTS
	CANOPY TREES/ ORNAMENTAL TREES				
20	Highrise Live Oak Quercus Virginiana 'Highrise'	4"-5" 100 Gal.	14'-16'	8'-10'	CONTAINER GROWN, FULL & WELL BRANCHED, SINGLE DOMINANT LEADER
4	'Little Gem' Magnolia Magnolia grandiflora 'Little Gem'	4"-5" 100 Gal.	14'-16'	8'-10'	CONTAINER GROWN, FULL & WELL BRANCHED, SINGLE DOMINANT LEADER
19	Bright 'N Tight Cherry Laurel Prunus caroliniana 'Monus'	1.5" 30 Gal.	5'-7'	2'-3'	CONTAINER GROWN, FULL & WELL BRANCHED
58	Dwarf Wax Myrtle Myrica pusilla	1" 15 Gal.	34"-38"	24"-30"	CONTAINER GROWN, FULL & WELL BRANCHED
	SHRUBS/ GROUND COVER				
760 SF	Don's Wax Myrtle Myrica cerifera 'Don's'	5 Gal.	18"-24"	18"-24"	CONTAINER GROWN, FULL & WELL ROOTED PLANTED @ 30" O.C. TRIANGULAR SPACING
1500 SF	Japanese Yew Nana Taxus cuspidata 'Nana'	5 Gal.	20"-24"	18"-24"	CONTAINER GROWN, FULL & WELL ROOTED PLANTED @ 30" O.C. TRIANGULAR SPACING
310 SF	Texas Sage Leucophyllum frutescens	5 Gal.	20"-24"	18"-24"	CONTAINER GROWN, FULL & WELL ROOTED PLANTED @ 30" O.C. TRIANGULAR SPACING
200 SF	Upright Rosemary Rosmarinus officinalis	5 Gal.	18"-24"	18"-24"	CONTAINER GROWN, FULL & WELL ROOTED PLANTED @ 30" O.C. TRIANGULAR SPACING
310 SF	Compact Oregon Grape Mahonia aquifolium 'Compacta'	5 Gal.	20"-24"	18"-24"	CONTAINER GROWN, FULL & WELL ROOTED PLANTED @ 30" O.C. TRIANGULAR SPACING
1430 SF	Variegated Liriope Liriope muscari 'Variegata'	1 Gal.	10"-12"	10"-12"	CONTAINER GROWN, FULL & WELL ROOTED PLANTED @ 18" O.C. TRIANGULAR SPACING
1420 SF	Asian Jasmine Trachelospermum asiaticum	1 Gal.	10"-12"	12"-14"	CONTAINER GROWN, FULL & WELL ROOTED PLANTED @ 12" O.C. TRIANGULAR SPACING
930 SF	Aspidistra Asahi Aspidistra elatior 'Asahi'	5 Gal.	20"-24"	18"-24"	CONTAINER GROWN, FULL & WELL ROOTED PLANTED @ 24" O.C. TRIANGULAR SPACING
'	ORNAMENTAL VINES				
24	Star Jasmine		10'-12'	8"-10"	CONTAINER GROWN, FULL & WELL ROOTED

1 Gal.

STEEL EDGING SHALL BE INSTALLED BETWEEN GRASS & SHRUB BEDS, AS WELL AS BETWEEN GRAVEL BEDS & GRASS AND SHRUB BEDS, UNLESS OTHERWISE INDICATED ON PLAN.



#### PLANTING NOTES:

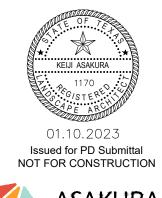
- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR BECOMING FAMILIAR WITH ALL UNDERGROUND UTILITIES, PIPES AND STRUCTURES. CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR ANY COST INCURRED DUE TO DAMAGE OF THESE UTILITIES.
- 2. CONTRACTOR SHOULD NOT WILLFULLY PROCEED WITH CONSTRUCTION AS DESIGNED, WHEN IT IS OBVIOUS THAT UNKNOWN OBSTRUCTIONS AND/OR GRADE DIFFERENCES EXIST THAT MAY NOT HAVE BEEN KNOWN DURING THE DESIGN. SUCH CONDITIONS SHALL BE IMMEDIATELY BROUGHT UP TO THE ATTENTION OF THE OWNER'S AUTHORIZED REPRESENTATIVE. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR NECESSARY REVISIONS DUE TO FAILURE TO GIVE SUCH NOTIFICATION.
- 3. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH SUBCONTRACTORS AS REQUIRED TO ACCOMPLISH PLANTING OPERATION.
- 4. LANDSCAPE CONTRACTOR TO RECEIVE SITE GRADE TO +0.10. CONTRACTOR SHALL OBTAIN LETTER OF GRADE CERTIFICATION FROM OWNER PRIOR TO PROJECT EXECUTION.
- 5. CONTRACTOR SHALL NOTIFY OWNER'S AUTHORIZED REPRESENTATIVE 72 HOURS (WEEKENDS NOT INCLUDED) PRIOR TO COMMENCEMENT
- 6. IF CONFLICTS ARISE BETWEEN SIZE OF AREAS ON PLANS OR LAYOUT OF PLANS, CONTRACTOR SHOULD CONTACT TOWN OF ADDISON LANDSCAPE ARCHITECT FOR RESOLUTION. FAILURE TO MAKE SUCH CONFLICTS KNOWN TO THE LANDSCAPE ARCHITECT WILL RESULT IN CONTRACTORS LIABILITY TO RELOCATE THE MATERIAL.
- 7. PROTECT ALL EXISTING TREES TO REMAIN. CONTRACTOR SHALL REPLACE ANY TREES DAMAGED DURING CONSTRUCTION WITH AN EQUAL CALIPER INCH TREE AS THE ONE DAMAGED. CONTRACTOR SHALL PROVIDE FENCING, IF NECESSARY, AT THE TREE DRIP LINE TO PROTECT TRUNK AND ROOTS AND TO PREVENT COMPACTION FROM VEHICLE TRAFFIC OR MATERIAL STORAGE ON THE SOIL BELOW TREES. CONTRACTOR SHALL PROVIDE FOR THE FEEDING, WATERING AND GENERAL MAINTENANCE OF TREES TO KEEP THEM IN A HEALTHY CONDITION DURING CONSTRUCTION.
- 8. CONTRACTOR SHALL SUBMIT PHOTOS OF REPRESENTATIVE TREES AND SHRUBS WITH SPECIFICATIONS ON THE BACK OF PHOTO INCLUDING HEIGHT, WIDTH AND CALIPER. IF A NURSERY VISIT IS REQUIRED THE CONTRACTOR WILL ARRANGE TO HAVE THE PARTICULAR NURSERIES PREPARED TO SHOW TREES. SHOULD CONTRACTOR INSTALL PLANT MATERIAL INFERIOR TO INDUSTRY STANDARD, IT IS AT HIS OWN RISK. ALL PHOTO SUBMITTALS ARE TO BE APPROVED PRIOR TO PLANTING.
- 9. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FURNISH PLANT MATERIALS FREE OF PESTS AND DISEASES. PRE-SELECTED OR "TAGGED" MATERIAL MUST BE INSPECTED BY THE CONTRACTOR AND CERTIFIED PEST AND DISEASE FREE. IT IS THE CONTRACTOR'S OBLIGATION TO GUARANTEE ALL PLANT MATERIALS PER THE SPECIFICATIONS.
- 10. CONTRACTOR SHALL STAKE ALL FINAL TREE LOCATIONS AND PLANTING BED LIMITS IN THE FIELD FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- 11. STEEL EDGING SHALL BE PLACED BETWEEN ALL SHRUB BEDS AND TURF AREAS, AS WELL AS BETWEEN GRAVEL BED AND PLANTING BEDS.
- 12. UPON INSTALLATION ALL TREE MATERIALS SHALL BE STAKED ACCORDING TO SPECIFICATIONS AND PLANTING DETAILS.
- 13. IF REQUESTED BY OWNER CONTRACTOR SHALL INSTALL DEEP/ROOT BARRIERS AT ALL TREES WITHIN 5'-0" OF CONCRETE WALKWAYS, STRUCTURES, WALLS, CURBS, ETC.
- 14. ALL PLANTS SHALL BE TRIANGULARLY SPACED UNLESS OTHERWISE INDICATED.

OF WORK TO COORDINATE PROJECT OBSERVATION SCHEDULE.

15. ALL PLANTING BEDS SHALL RECEIVE A MINIMUM OF 3" OF APPROVED SHREDDED MULCH.

AUTHORITIES IN FURNISHING, TRANSPORTING, AND INSTALLING MATERIALS.

- 16. CONTRACTOR SHALL FINE GRADE ALL DISTURBED AREAS TO PROVIDE FOR PROPER DRAINAGE.
- 17. AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)/AMERICAN ASSOCIATION OF NURSERYMEN (AAN): ANSI Z60.1 1-069 "NURSERY STOCK".
- 18. "GRADES AND STANDARDS", LATEST EDITION OF TEXAS ASSOCIATION OF NURSERYMEN SPECIFICATIONS, AUSTIN, TEXAS 78704.
- 19. PERFORM WORK IN ACCORDANCE WITH ALL APPLICABLE LAWS, CODES, AND REGULATIONS REQUIRED BY AUTHORITIES HAVING JURISDICTION OVER SUCH WORK AND PROVIDE FOR ALL INSPECTIONS AND PERMITS REQUIRED BY FEDERAL, STATE, AND LOCAL
- 20. PROVIDE QUALITY, SIZE, GENUS, SPECIES, AND VARIETY OF PLANTS INDICATED, COMPLYING WITH APPLICABLE REQUIREMENTS IN ANSI Z60.1. PROVIDE HEALTHY, VIGOROUS STOCK, GROWN IN RECOGNIZED NURSERY IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICE AND FREE OF DISEASE, INSECTS, EGGS, LARVAE AND DEFECTS SUCH AS KNOTS, SUN-SCALD, INJURIES, ABRASIONS OR DISFIGUREMENT.
- 21. PLANTING SOIL QUALITY ASSURANCE:
  - A. IF REQUESTED BY OWNER, ALL SOIL COMPONENTS SHALL BE TESTED BY LOCAL OR STATE TESTING LABORATORY FOR CONFORMITY TO THE SPECIFICATIONS:
- B. CONTRACTOR SHALL SUBMIT PROPOSED LABORATORY NAME, ADDRESS, AND TELEPHONE NUMBERS FOR APPROVAL.

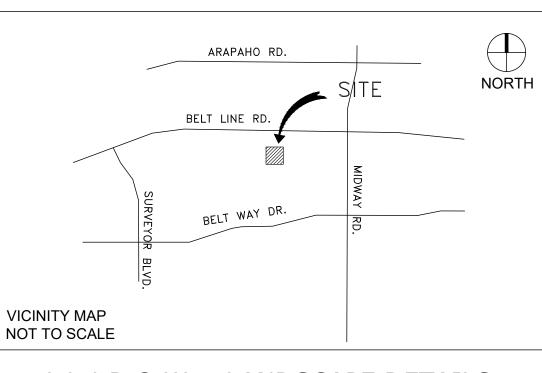




PREPARED BY:

ASAKURA ROBINSON COMPANY 2500 SUMMER STREET, SUITE 3228 HOUSTON, TEXAS 77007

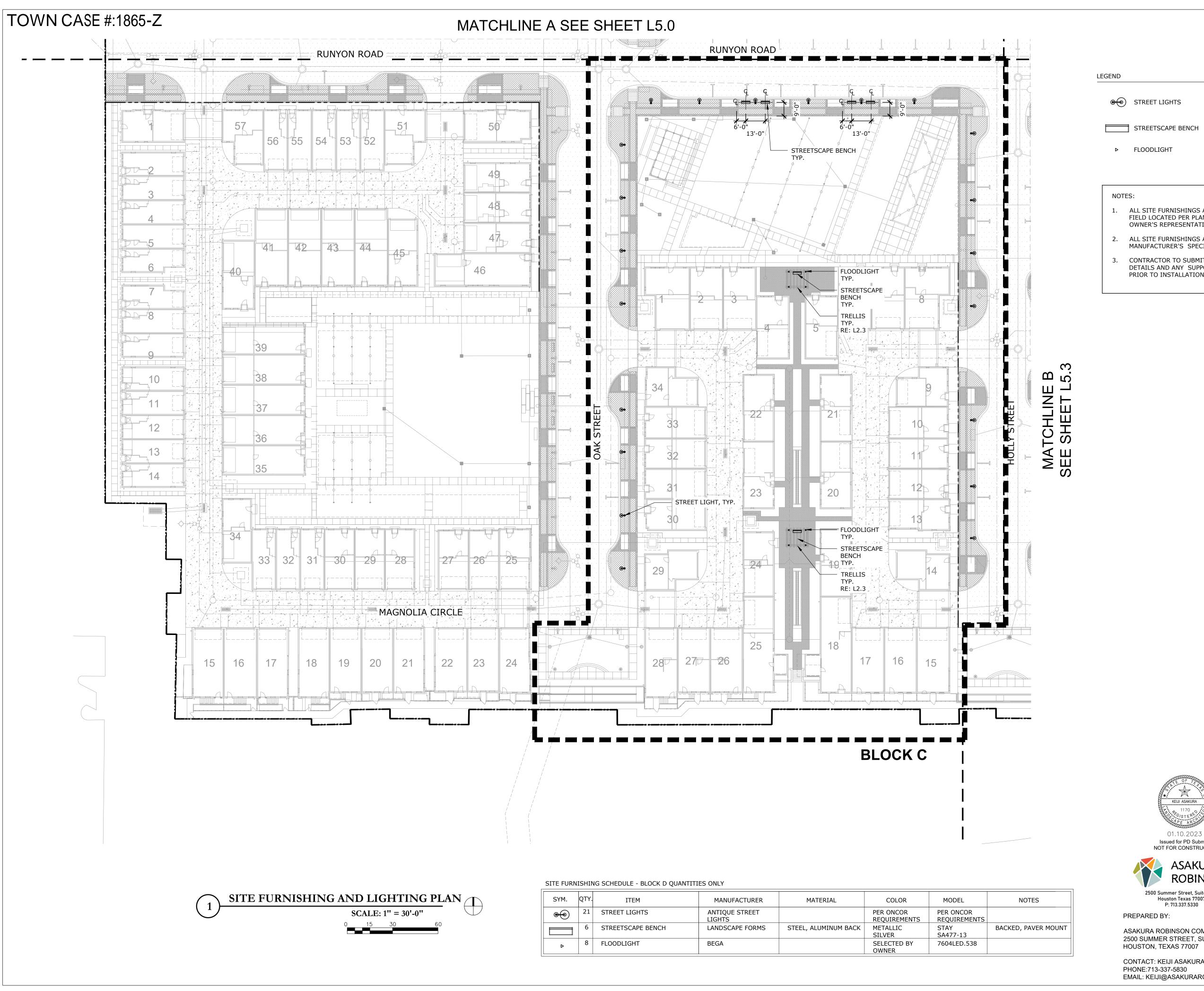
CONTACT: KEIJI ASAKURA PHONE:713-337-5830 EMAIL: KEIJI@ASAKURAROBINSON.COM



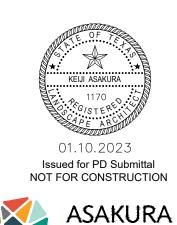
L4.4 R.O.W. - LANDSCAPE DETAILS

ADDISON GROVE

BLOCK A LOTS 1-33, BLOCK B LOTS 1-57, BLOCK C LOTS 1-34, BLOCK D LOTS 1-56 US SURVEYOR 5213 TOWN PROJECT NUMBER: 1865-Z



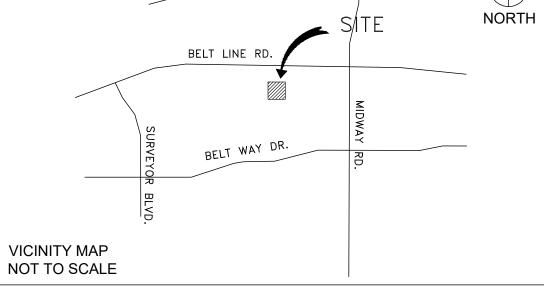
- 1. ALL SITE FURNISHINGS AND LIGHTS LOCATIONS ARE TO BE FIELD LOCATED PER PLAN FOR APPROVAL OF OWNER OR OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
- 2. ALL SITE FURNISHINGS AND LIGHTS TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
- 3. CONTRACTOR TO SUBMIT MANUFACTURER'S LITERATURE, DETAILS AND ANY SUPPORT INFORMATION FOR APPROVAL PRIOR TO INSTALLATION.





ASAKURA ROBINSON COMPANY 2500 SUMMER STREET, SUITE 3228 HOUSTON, TEXAS 77007

CONTACT: KEIJI ASAKURA PHONE:713-337-5830 EMAIL: KEIJI@ASAKURAROBINSON.COM

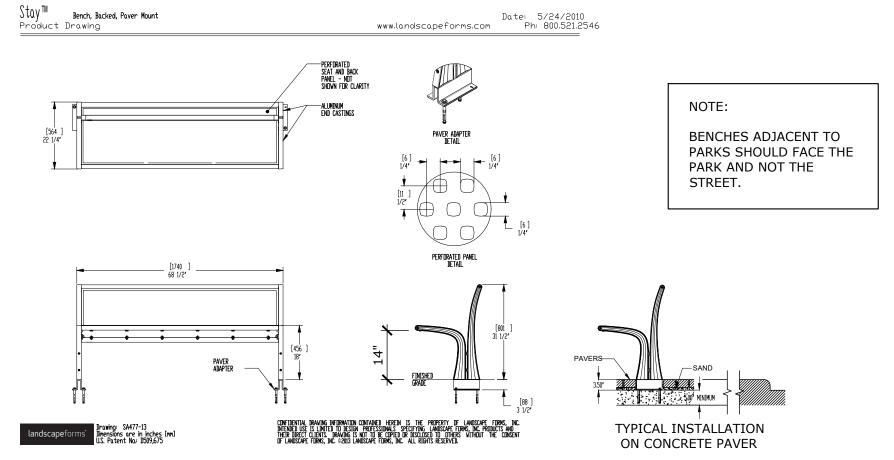


ARAPAHO RD.

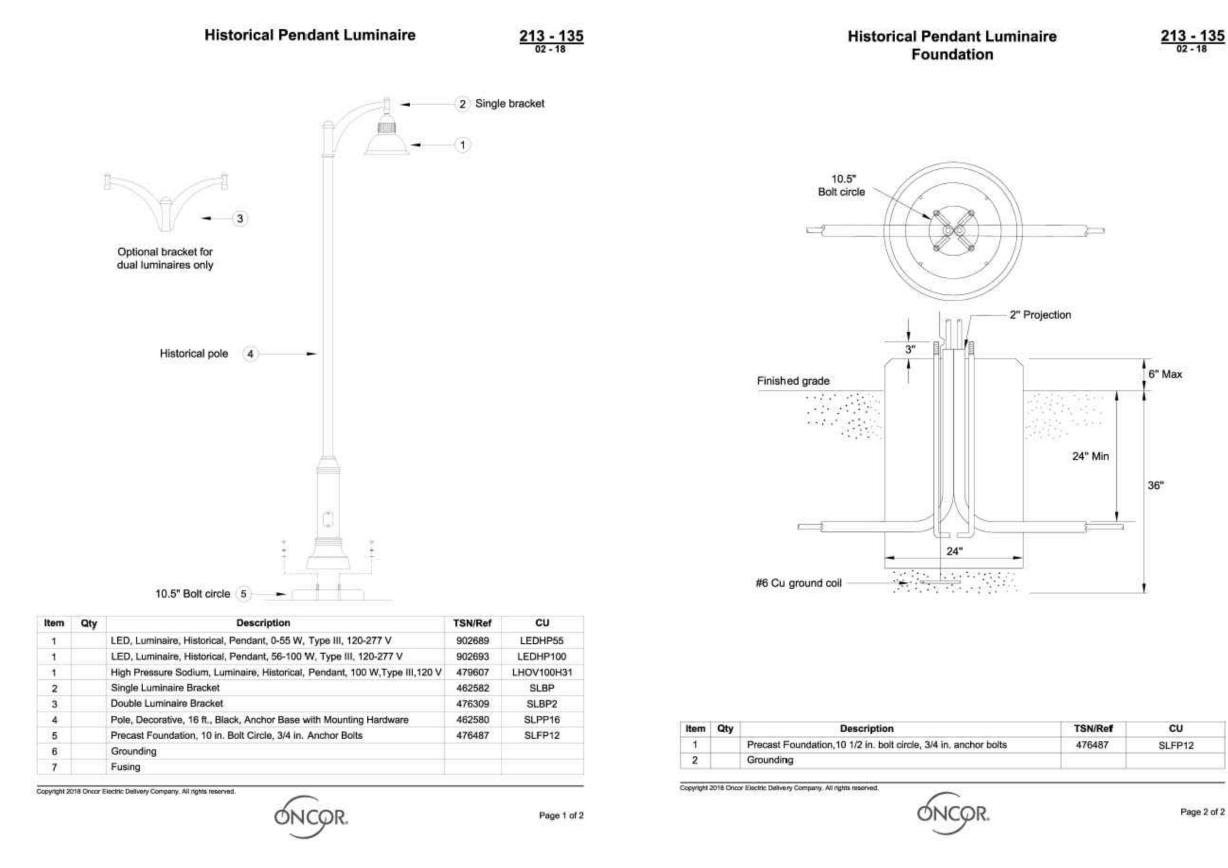
L5.2 R.O.W. - SITE FURNISHING AND LIGHTING PLAN

ADDISON GROVE

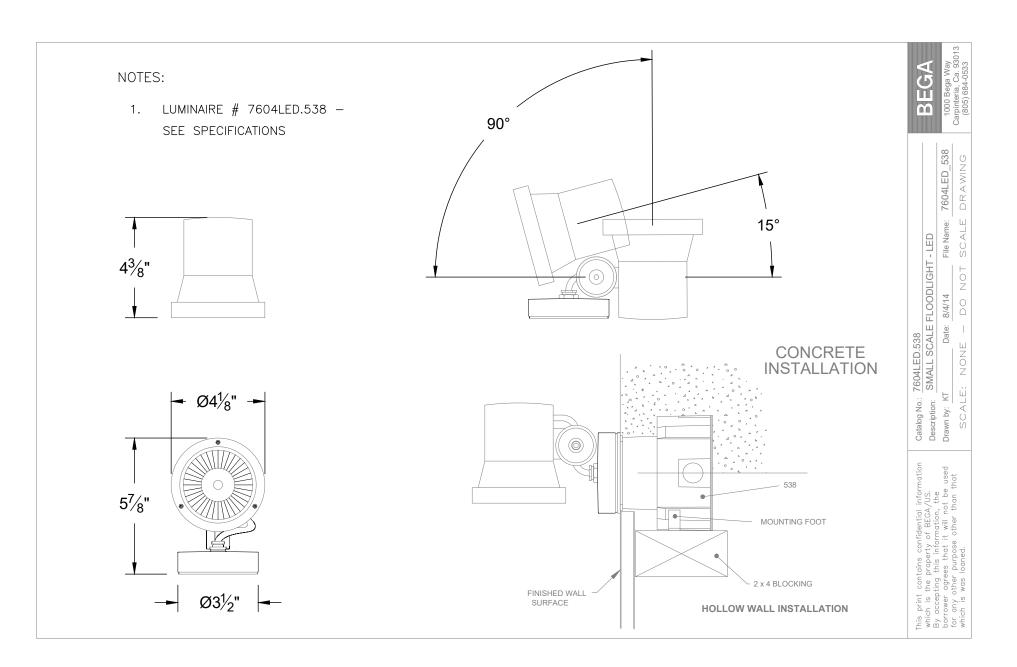
BLOCK A LOTS 1-33, BLOCK B LOTS 1-57, BLOCK C LOTS 1-34, BLOCK D LOTS 1-56 US SURVEYOR 5213 TOWN PROJECT NUMBER: 1865-Z



# TYP. STREETSCAPE BENCH DETAIL NTS



2 TYP. STREET LIGHT FIXTURE DETAIL
NTS



NTS

TYP. FLOOD LIGHT DETAIL

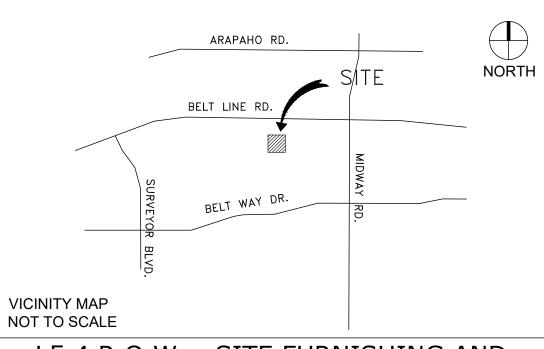




PREPARED BY:

ASAKURA ROBINSON COMPANY 2500 SUMMER STREET, SUITE 3228 HOUSTON, TEXAS 77007

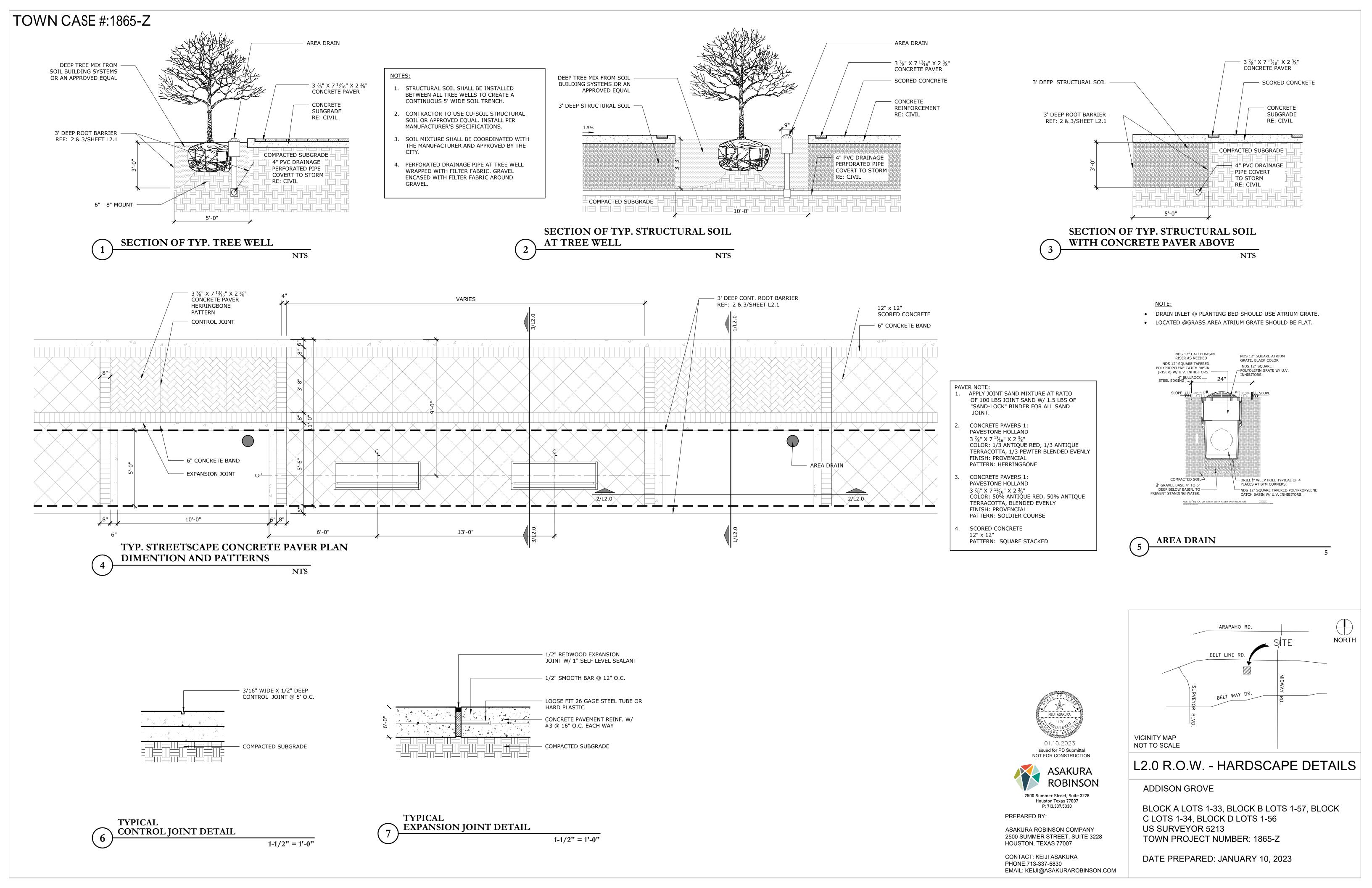
CONTACT: KEIJI ASAKURA PHONE:713-337-5830 EMAIL: KEIJI@ASAKURAROBINSON.COM

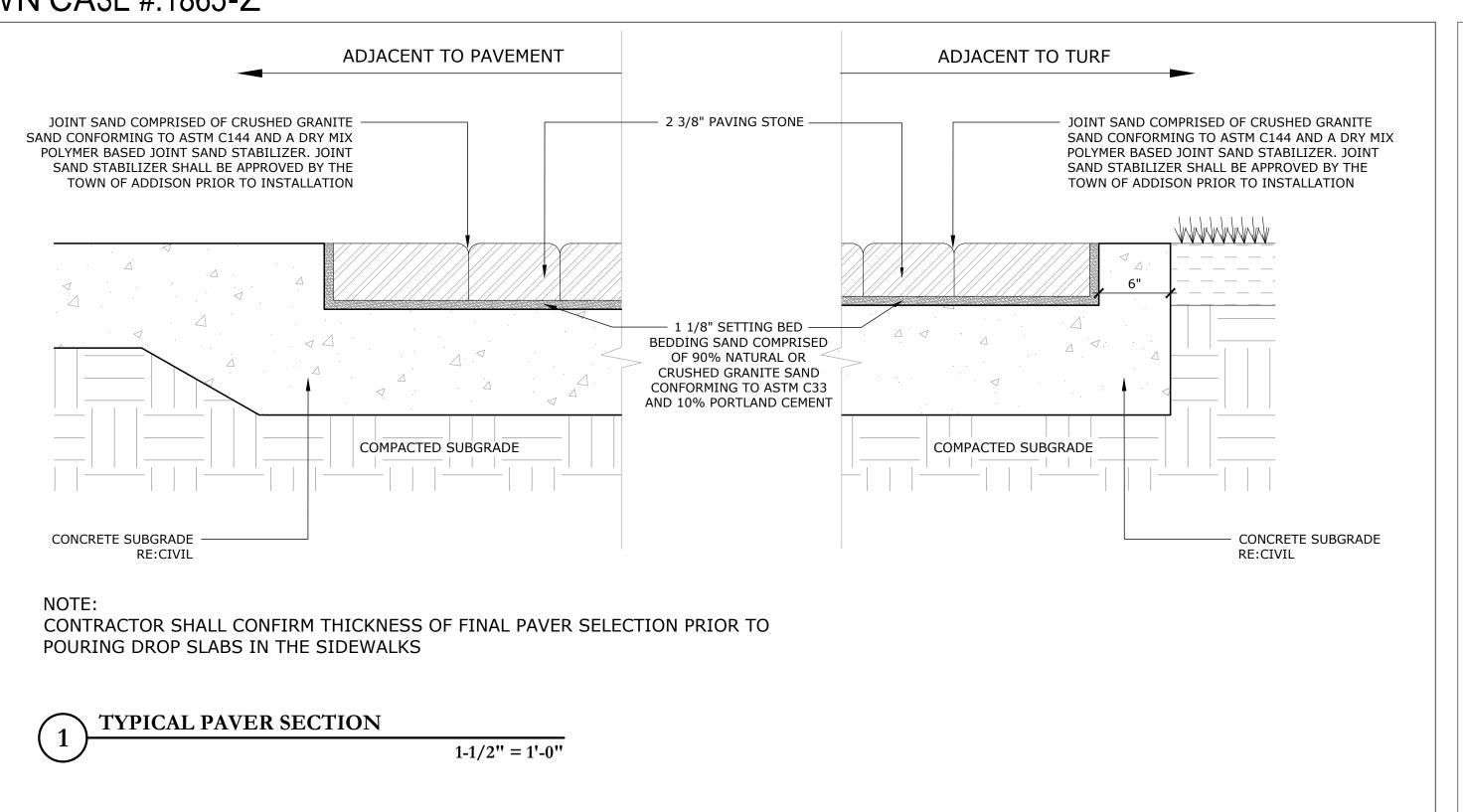


L5.4 R.O.W. - SITE FURNISHING AND LIGHTING DETAILS

ADDISON GROVE

BLOCK A LOTS 1-33, BLOCK B LOTS 1-57, BLOCK C LOTS 1-34, BLOCK D LOTS 1-56 US SURVEYOR 5213 TOWN PROJECT NUMBER: 1865-Z





### Surround Style Planting with Deeproot Universal Barriers

When selecting the Surround style planting application you will F. If staking or guying is required we recommend using have the greatest success by following these simple steps as the soft, safe and economical alternative to traditional wire

A. Prepare the initial planting hole as illustrated below. This is G. If the tree(s) will be subject to maintenance work such based upon the combination of desired barrier diameter and as lawn mowing or weed trimming we strongly recommend depth. Consider if drainage devices or amendments are needed to correct any adverse soil or planting conditions are placed around the base of young trees to protect in the backfill area.

B. Assemble the appropriate number of DeepRoot Universal Barrier panels. The vertical root deflecting ribs on the panel must face inward, toward the root ball. (This is very important, otherwise the roots will become girdled by traveling around the smooth walled surface)

C. Next place the barrier in the center of the planting hole, keeping in mind that the double top edge of the barrier should be positioned approximately 1/2" (13mm) above grade. This helps retard potential root overgrowth. Failing to position the top edge above grade can allow root overgrowth which can lead to uprooted hardscapes.

D. Backfill and compact with soil inside the barrier to the level where the bottom of the root ball will be when positioned correctly with the crown of the root ball approximately 1" (26mm) above grade.

E. Remove the tree from its container, or cut away the top portion of burlap and position in the center of the barrier. Complete the backfill of the soil. Distribute evenly to maintain the shape of the barrier and compact the backfill every 4"-6" (10cm-15cm). Roots will die quickly if left exposed to the elements so keep exposure of the roots to a minimum.

and hose, ArborTie (see <a href="https://www.deeproot.com">www.deeproot.com</a> for details)

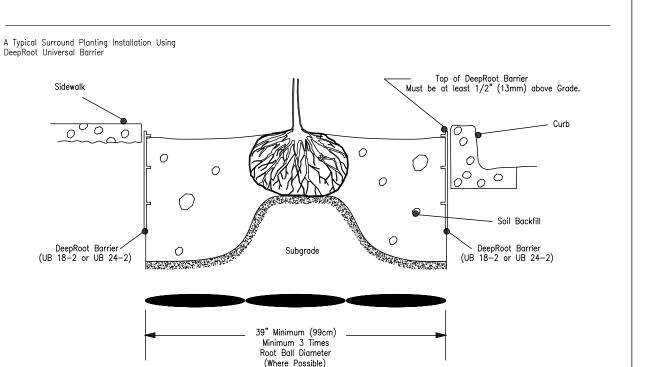
the installation of ArborGard+ Tree Trunk Protectors which them from damage by weed trimmers, lawn mowers and small rodents. (See <u>www.deeproot.com</u>)

H. Water and follow proper tree maintenance practices.

Trees do require care and nurturing after planting. Consult with your local supplier for proper care procedures for the species you are planting. The planting instructions given here are by no means a comprehensive guide. Rather they are general guidelines to planting with DeepRoot Barriers and a survey of current planting methods. Conditions will vary however and it is recommended that an Arborist be consulted before planting.

For additional information please visit our website at www.deeproot.com

For information regarding distributors please call: 1 800 ILV ROOT (458.7668). For help with drainage or other difficult installation questions please call DeepRoot Technical Support at: 1 800 ROOT TEK (766.8835).



TYP. ROOT BARRIER DETAIL @ SIDEWALK

N.T.S.

UB 24-2 Specifications Double Top Edge 24" DeepRoot® Tree Root Barrier - 0.060" (1.52 mm) 1/4" (6.35 mm) 3/8" (9.53 mm) 0.060" (1.52 mm) Specified tree root barrier is a mechanical barrier and root deflector used to prevent tree roots from damaging hardscapes and landscapes. Assembled in 24" (609 mm) long modules to create varying lengths for - 1/2" (12.7 mm) linear applications, or perimeter surround applications in varying sizes. 0.080" (2.03 mm) Integral Vertical Root Directing Rib 1. The contractor shall furnish and install tree root barrier as specified. The tree root barrier shall be either product #UB 24-2 as **DOUBLE TOP EDGE AND VERTICAL ROOT DIRECTING RIB** manufactured by DeepRoot® Green Infrastructure, LLC, 530 Washington Street, San Francisco, CA, www.deeproot.com (800.458.7668). 2. Root barrier shall be recyclable, black, injection molded panels 2" (50.8 mm with 0.80" (2.03 mm) wall thickness in modules 24" (609 mm) long and 24" (609 mm) deep. 0.075" (1.90 mm 3. Root barrier shall be manufactured with 75% reprocessed polypropylene with added ultraviolet inhibitors. DETAIL B -4. Root barrier shall be comprised of 24" (60.96 cm) panels. Each ANTI-LIFT GROUND LOCK TAB panel shall have no less than four (4) Molded Integral Vertical Root Directing Ribs of a minimum 0.075" (1.90 mm) thickness, protruding 1/2" (12.7 mm) at 90° from interior of the barrier panel, spaced 6" (152.4 mm) apart. (See Details A & D) 5. Root barrier shall have a Double Top Edge consisting of two parallel, integral, horizontal ribs at the top of the panel at 0.060" (1.52 mm) thickness. 3/8" (9.53 mm) wide and 1/4" (6.35 mm) apart with the lower rib attached to the vertical Root Directing Ribs (See Detail A). DETAIL C - ZIPPER JOINING SYSTEM 6. Root barrier shall have a minimum of twelve (12) Anti-Lift Ground Lock Tabs consisting of integral horizontal ridges of minimum 0.075" (1.90 mm) thickness in the shape of a segment 6" (152 mm) 24" (609 mm) of an oblong, the 2" (50.8 mm) chord of the segment joining the panel wall and the segment, protruding 3/8" (9.53 mm) from the panel. The twelve ground locks on each panel shall be about equally spaced between each of the vertical root directing ribs (Four (4) between each set of ribs, see Details B & D). \_ 7. Root barrier shall have an integrated Zipper Joining System for DeepRoot TREE BOOT BASKED UB 24-2 assembly by sliding one panel into another (See Detail C). U.S. Patents: 5,305,549; and 5,528,857. Other Patents Pending. Typical Value ASTM Test Method Properties Tensile strength @ yield - Wall 2.354 PSI Tensile strength @ yield - Hinge 2.846 PSI D638 Yield Elongation - Wall 7.44% D638 Yield Elongation - Hinge 7.01% D638 119.625 PSI Flexural Modulus D790B 3.84 (ft-lbs) Notched Izod Impact - Wall D256A D785A Rockwell Hardness r. scale - Wall 84.4

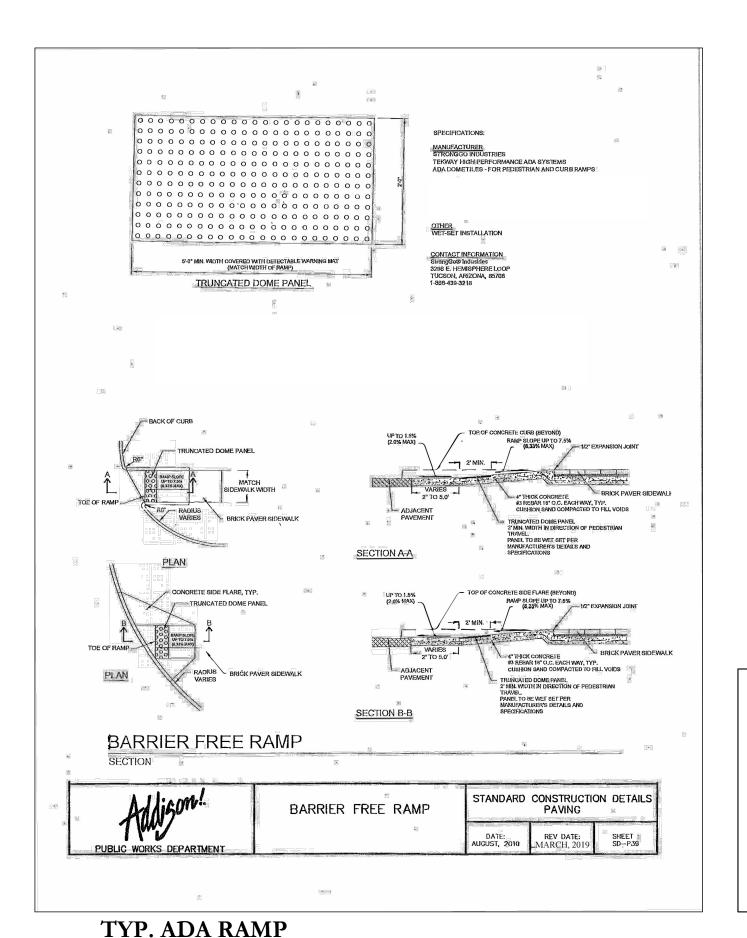
TYP. ROOT BARRIER DETAIL @ SIDEWALK

N.T.S.

DETAIL D - TREE ROOT BARRIER PANEL

0.060" (1.52 mm) -

CONTRACTOR TO INSTALL DEEPROOT TREE ROOT BARRIER AT ALL SIDES OF EXISTING TREE ROOT. VERIFY WITH DEEPROOT REP FOR EXACT REQUIREMENTS AND SPECIFICATIONS PRIOR TO INSTALLATION.



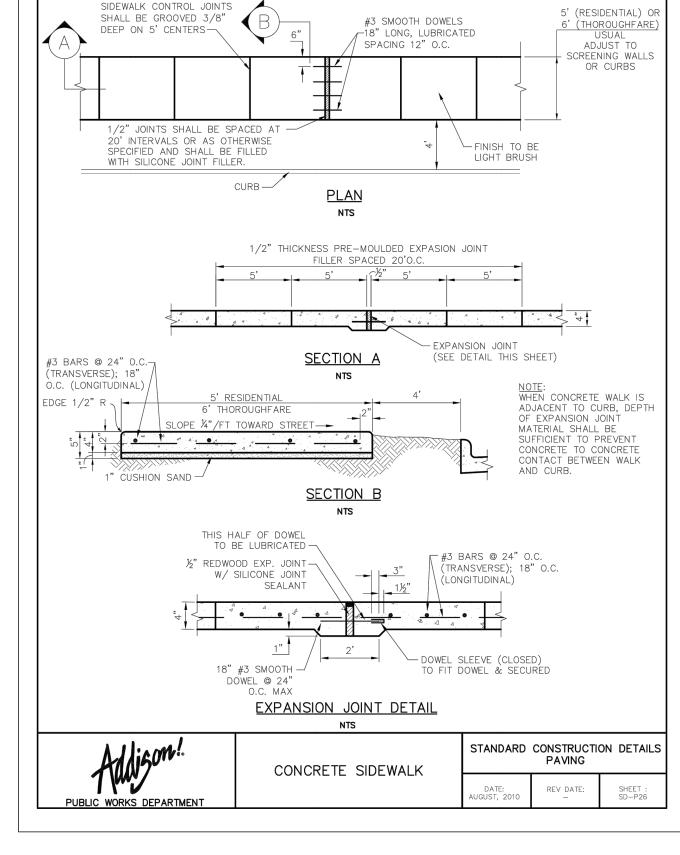
N.T.S.

BARRIER FREE RAMP TO COMPLY WITH THE CURRENT PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG). TRUNCATED DOME PANEL COLOR IS TO BE

AGREED UPON BY THE TOWN AND THE CONTRACTOR. 3. LIGHT REFLECTIVE VALUE (LRV) TO BE NO LESS

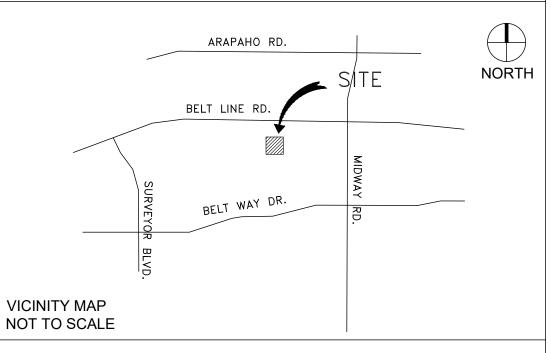
DETERMINED BY PARKS AND RECREATION, AND

- THAN 93%. 4. TRUNCATED DOME PANELS TO BE INSTALLED AS WET-SET INSTALLATION PER MANUFACTURES'S DETAILS AND SPECIFICATIONS.
- 5. TRUNCATED DOME PANEL TO BE DETERMINED BY PARKS AND RECREATION.



**EXPANSION JOINT** 

N.T.S.



### L2.1 R.O.W. - HARDSCAPE DETAILS

### ADDISON GROVE

BLOCK A LOTS 1-33, BLOCK B LOTS 1-57, BLOCK C LOTS 1-34, BLOCK D LOTS 1-56 US SURVEYOR 5213 TOWN PROJECT NUMBER: 1865-Z

DATE PREPARED: JANUARY 10, 2023

01.10.2023 Issued for PD Submittal NOT FOR CONSTRUCTION

**ASAKURA** 2500 Summer Street, Suite 3228 Houston Texas 77007

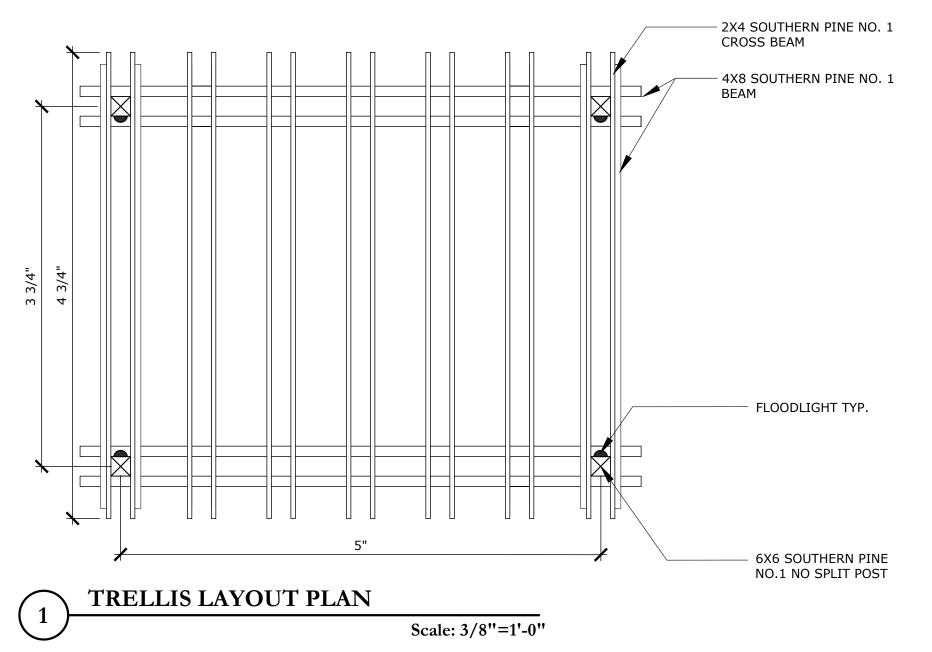
P: 713.337.5330

PREPARED BY:

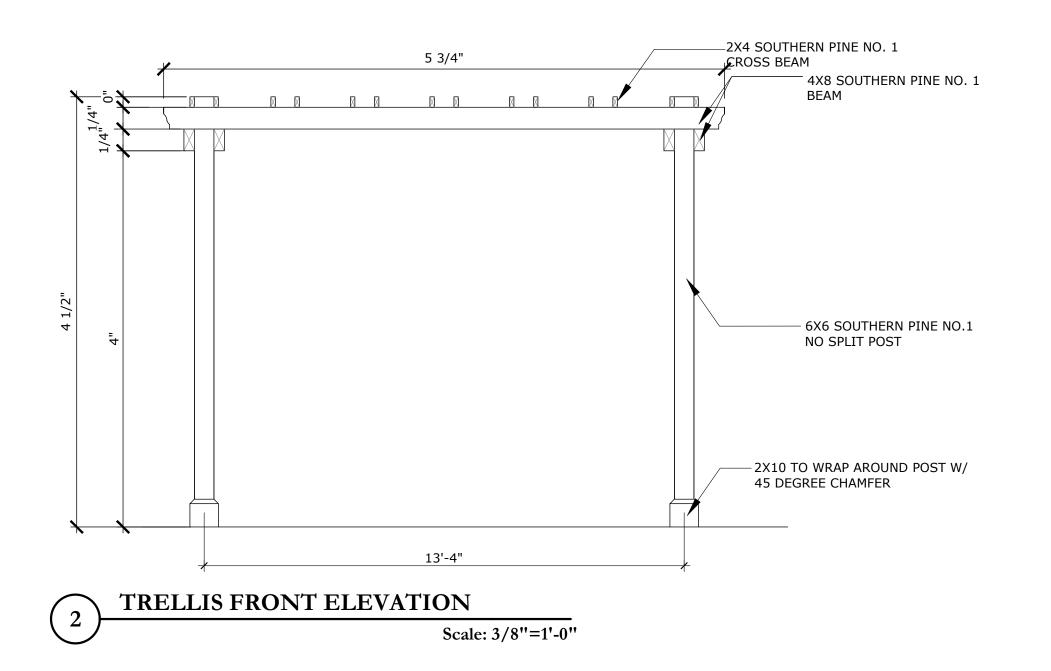
ASAKURA ROBINSON COMPANY 2500 SUMMER STREET, SUITE 3228 HOUSTON, TEXAS 77007

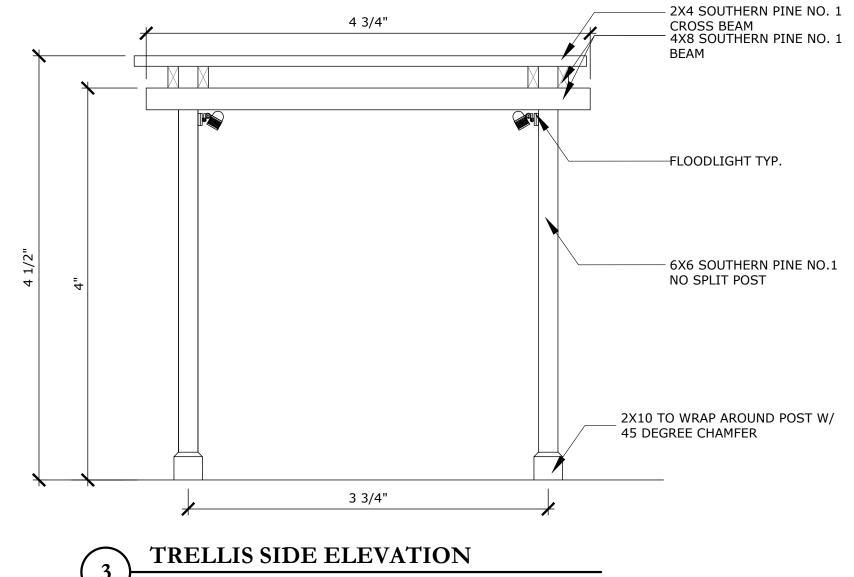
CONTACT: KEIJI ASAKURA PHONE:713-337-5830 EMAIL: KEIJI@ASAKURAROBINSON.COM

**DETAILS** 

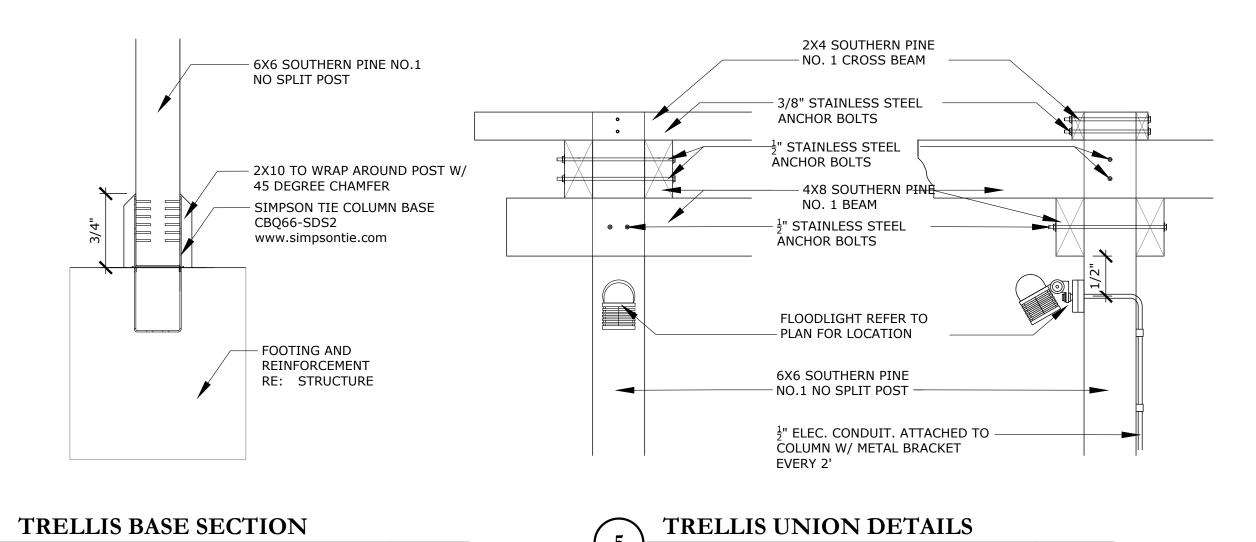


Scale: 1"=1'-0"









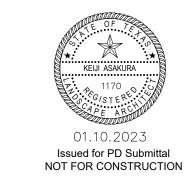
TRELLIS GENERAL NOTES:

- 1. ALL METAL FASTENERS SHALL BE MANUFACTURED BY SIMPSON STRONG-TIE COMPANY.
- METAL FASTENERS TO BE HOT-DIP GALVANIZED THAT COMPLY WITH ASTM-A153 EXCEPT WHERE NOTED. DECK NAILS AND SCREWS TO BE 316 STAINLESS STEEL AND COMPLY WITH ASTM F5936. ALL EXPOSED SCREWS ARE TO BE COUNTER-SUNK, FILLED WITH WOOD DOUGH AND SANDED BEFORE PRIMER AND PAINTING OPERATIONS.
- 3. PILOT HOLES TO BE DRILLED FOR ALL FASTENERS.
- 4. INSTALLATION OF ALL NAILS AND SCREWS TO BE STRAIGHT, IN-LINE AND PLUMB WITH ALL SURROUNDING FASTENERS.
- CONDUIT TO BE FASTENED TO COLUMNS WITH BRACKETS EVERY 2', PRIME AND PAINT TO MATCH TRELLIS, ELECTRICIAN CONTRACTOR TO COORDINATE WITH LANDSCAPE ARCHITECT FOR CONDUIT LOCATION.
- 6. TRELLIS WOOD FINISH TBD

Scale: 1"=1'-0"

WOOD MEMBERS

- 1. ALL WOOD MEMBERS TO BE PRESSURE TREATED, REFER TO DETAILS FOR TYPE OF WOOD.
- 2. ALL WOOD MEMBERS TO BE STRAIGHT AND TRUE W/TIGHT KNOTS. ALL OTHER WOOD MATERIAL WILL BE REJECTED.
- ALL LUMBER SHALL BE TREATED WITH ALKALINE COPPER QUATERNARY (ACQ) IN ACCORDANCE WITH AWPA C-18 TO 0.8 POUND PER CUBIC FOOT MIN.
- 4. ALL LUMBER FOR DECKING, JOIST BEAMS, POST/RAILING AND BALUSTERS SHALL BE IDENTIFIED AS 'ABOVE GROUND'.
- ALL TIMBER PILES TO BE PRE-DRILLED TO ENSURE THE PRESCRIBED SPACING.
- TIMBER PILE CONTRACTOR TO PROVIDE PROTECTION AROUND THE BUILDING AREA WHERE HEAVY EQUIPMENT IS TO BE USED TO PREVENT DAMAGE TO FINISH GRADE.
- 7. CONTRACTOR TO PROTECT/COVER (OFF THE GROUND IN AN AREA THAT WILL NOT FLOOD OR RECEIVE WATER INUNDATION) ALL LUMBER, AT ALL TIMES DURING CONSTRUCTION.
- NO WOOD MEMBER LEFT OUT OF PROTECTION WILL BE USED ON THE

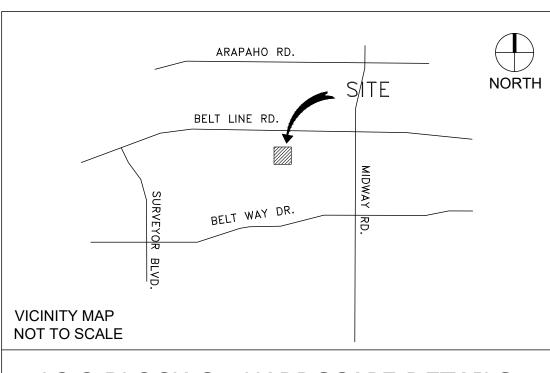




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L2.3 BLOCK C - HARDSCAPE DETAILS

ADDISON GROVE

BLOCK A LOTS 1-33, BLOCK B LOTS 1-57, BLOCK C LOTS 1-34, BLOCK D LOTS 1-56 US SURVEYOR 5213 TOWN PROJECT NUMBER: 1865-Z

