GENERAL NOTES

ALL LANDSCAPING SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF MONROE'S RECREATION/SPACE REQUIREMENTS.

THE GENERAL CONTRACTOR IS TO PROVIDE SUBGRADES 4" BELOW HARD SURFACES PLUS/MINUS .1 FOOT.

ALL ROUGH GRADING SHALL BE POSITIVE, DRAINING AWAY FROM ALL STRUCTURES.

ALL STONES LARGER THAN 1.5' DIAMETER SHALL BE REMOVED FROM FROM THE GROWING MEDIUM.

TOPSOIL SHALL BE PLACED AT A MINIMUM COMPACTED DEPTH OF 4" IN ALL LAWN AND BED AREAS. COMPACT ALL LAWN AREAS WITH A WATER FILLER LANDSCAPE ROLLER. FINISH GRADE IS TO BE FLUSH WITH TOP OF CURBS, SIDEWALKS AND HARD SURFACES.

TOPSOIL SHALL BE TILLED INTO THE EXISTING SUBGRADE TO ELIMINATE SOIL INTERFACE PROBLEMS.

ALL BED AREAS TO RECEIVE 2" OF FINE GROUND FIR OR HEMLOCK BARK, COMPOSITION MULCHED ARE NOT AN ACCEPTABLE ALTERNATIVE.

TREES AND SHRUBS ARE TO BE PLANTED AT A DEPTH 3/4" HIGHER THAN THE LEVEL THAT THEY WERE GROWN IN THE NURSERY.

BARK MULCH IS NOT TO BE PLACED ABOVE THE ROOT CROWN.

ALL PLANTS SHALL AT LEAST CONFORM TO THE MINIMUM STANDARD ESTABLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.

IN THE N.E. 1/4, N.E. 1/4 OF SECTION 36, TOWNSHIP 28 NORTH, RANGE 6 EAST, W.W.

LAWN AREAS ARE TO BE HYDROSEEDED WITH VAN DEN AKKER'S EMERALD VELVET MIX PER MANUFACTURER'S SPECIFICATIONS, OR APPROVED EQUAL. REMOVE ALL STONES LARGER THAN 1" FROM LAWN AREAS.

SUBSTITUTIONS ARE STRONGLY DISCOURAGED. IF PLANT AVAILABILITY IS A PROBLEM, CONTACT THE LANDSCAPE ARCHITECT FOR SOURCES OR ACCEPTABLE ALTERNATIVES.

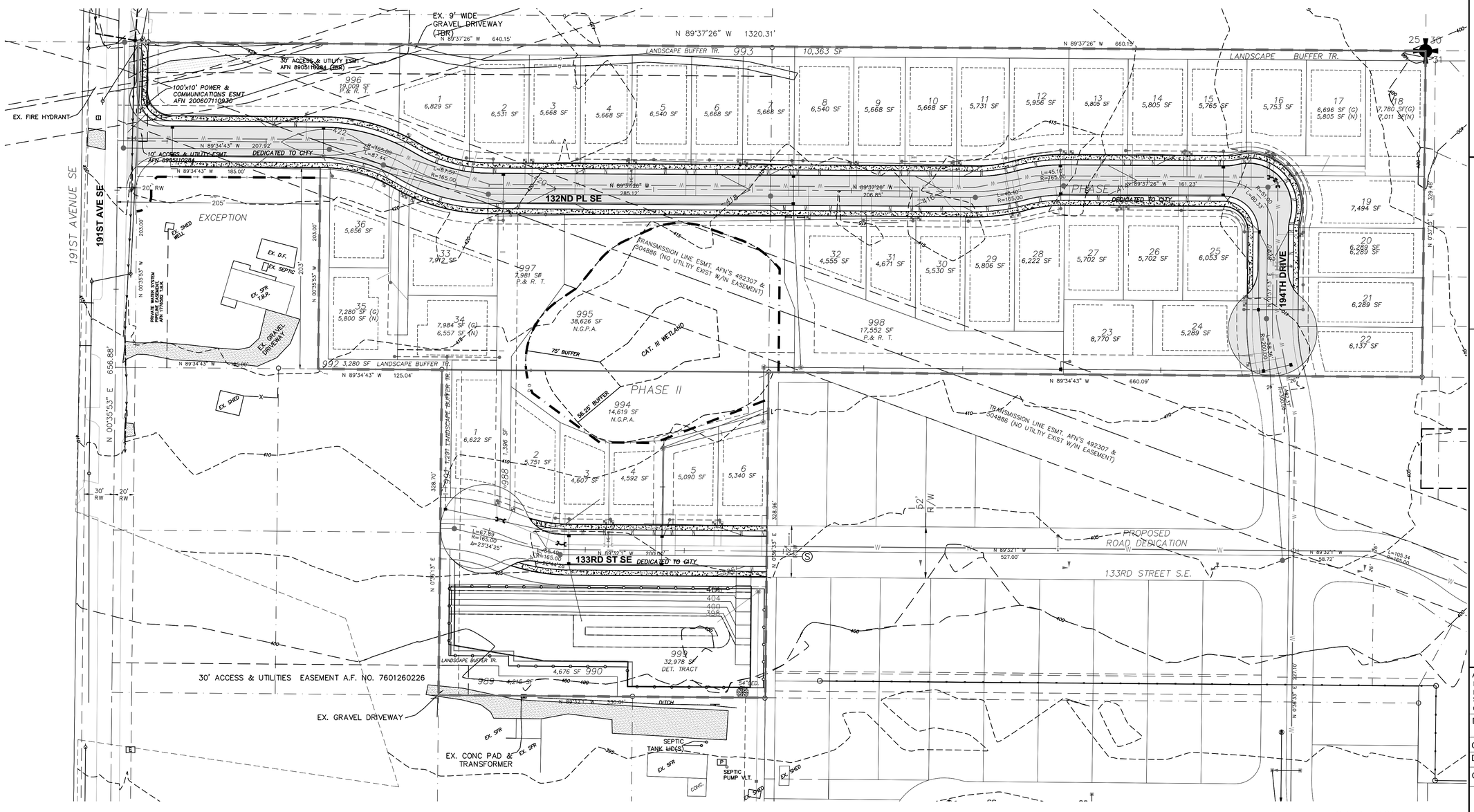
IF THE SITE WORK IS DIFFERENT THAN SHOWN ON THE LANDSCAPE PLAN, OR POOR SOILS AND DEBRIS ARE DISCOVERED, REQUIRING CHANGES TO THE LANDSCAPE PLAN, CONTACT THE LANDSCAPE ARCHITECT FOR INSTRUCTION.

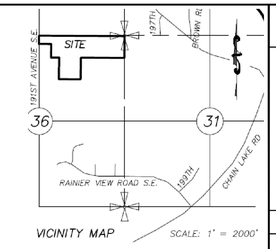
THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE LANDSCAPE DURING INSTALLATION, UNTIL FINAL ACCEPTANCE BY THE OWNER'S REPRESENTATIVE.

THE LANDSCAPE CONTRACTOR SHALL WARRANTY ALL MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR, FROM THE TIME OF FINAL ACCEPTANCE.

DURING THE WARRANTY PERIOD, THE LANDSCAPE CONTRACTOR WILL NOT BE RESPONSIBLE FOR PLANT DEATH CAUSED BY UNUSUAL CLIMATIC CONDITIONS, VANDALISM, THEFT, FIRE, OR POOR MAINTENANCE PRACTICES. THE LANDSCAPE ARCHITECT SHALL HAVE SOLE AUTHORITY TO DETERMINE THE CAUSE OF DEATH.

LANDSCAPING SHALL BE PLANTED AND MAINTAINED IN A MANNER SO AS TO PROVIDE A 3' CLEAR SPACE AROUND THE CIRCUMFERENCE OF FIRE HYDRANTS.





VICINITY MAP SCALE: 1" = 2000'

DATE	REVISION	BY
10-9-15	1 SITE PLAN CHANGES	KL
12-18-15	2 CITY COMMENTS	KL
2-1-16	3 CITY COMMENTS	KL
3-21-16	4 SITE PLAN CHANGES	KL

ORIGIN DESIGN GROUP
ORIGINDG@GMAIL.COM
425.346.1905

STATE OF WASHINGTON LICENSED LANDSCAPE ARCHITECT
Krystal Lowe
KRYSTAL LOWE
LICENCE NO. 1206
EXPIRES ON FEB 27 2017

SKY VIEW RIDGE
PRELIMINARY LANDSCAPE PLAN

APPLICANT:
HANSON HOMES
P.O. BOX 2289
SNOHOMISH, WA 98291
CONTACT: RICK HANSON

DATE: MAY 2, 2015

ODG JOB NO.: 15-077

DRAWN BY: KL

CHECKED BY: KL

COVER SHEET & GENERAL NOTES

SHEET L-1 OF 11

IN THE N.E. 1/4, N.E. 1/4 OF SECTION 36, TOWNSHIP 28 NORTH, RANGE 6 EAST, W.W.

LANDSCAPE PLANTING SCHEDULE

TREES

SYMBOL	QTY	BOTANICAL / COMMON NAME	SIZE	CONDITION
	30	Cercidiphyllum japonicum 'Red Fox' / RED FOX KATSURA	2" CAL.	B&B, 35' O.C. OR AS SHOWN BRANCHED @ 8' HT.
	*	Amelanchier grandiflora 'Cole's Select' / SERVICE BERRY OR Acer circinatum / VINE MAPLE OR Cornus kousa/ KOUSA DOGWOOD	1 ¾" CAL.	B&B, 20' O.C.
	3	Malus tschonoskii / TSCHONOSKII CRABAPPLE	1 ¾" CAL.	B&B, 20' O.C.
	*	Pyrus calleryana 'Capital' / CAPITAL PEAR	2" CAL.	B&B, 35' O.C. OR AS SHOWN BRANCHED @ 8' HT.
	*	Cham. nootka. 'Pendula' / WEEPING ALASKAN CEDAR	6' MIN. HT.	B&B, SPACING AS SHOWN
	*	Thuja plicata 'Hogan' / HOGAN CEDAR	6' MIN. HT.	B&B, 15' O.C.
	30	Thuja occidentalis 'Smaragd' / EMERALD GREEN ARBORVITAE	6' MIN. HT.	B&B, 15' O.C.

SHRUBS

SYMBOL	QTY	BOTANICAL / COMMON NAME	SIZE	CONDITION
	*	Arbutus unedo 'Compacta' / COMPACT STRAWBERRY BUSH	2 GAL. MIN.	CON. GRWN, 5' O.C.
	*	Cornus sericea / RED-OSIER DOGWOOD	2 GAL. MIN.	CON. GRWN, 5' O.C.
	*	Euonymus japonica aureo-varigata / VARIEGATED EUONYMUS	2 GAL. MIN.	CON. GRWN. 4' O.C.
	*	Pieris japonica 'Forest Flame' / FOREST FLAME LILY OF THE VALLEY	2 GAL. MIN.	CON. GRWN, 4' O.C.
	*	Lonicera pileata / PRIVET HONEYSUCKLE	2 GAL. MIN.	CON. GRWN, 3' O.C.
	*	Nandina d. 'Gulf Stream' / DWARF HEAVENLY BAMBOO	2 GAL. MIN.	CON. GRWN, 3' O.C.
	*	Physocarpus opulifolius 'Diablo' / DIABLO NINE BARK	2 GAL. MIN.	CON. GRWN. 5' O.C.
	*	Prunus laurocerasus 'Otto Luyken'/ OTTO LUYKEN LAUREL	2 GAL. MIN.	CON. GRWN. 3' O.C.
	*	Symphoricarpos albus / COMMON SNOWBERRY	2 GAL. MIN.	CON. GRWN. 5' O.C.
	*	Ribes sanguineum / RED-FLOWERING CURRANT	2 GAL. MIN.	CON. GRWN. 5' O.C.
	*	Potentilla F. 'Abbotswood' / ABBOTSWOOD CINQUEFOIL	2 GAL. MIN.	CON. GRWN. 5' O.C.
	16	Juniperus scopulorum 'Wichita Blue' / WICHITA BLUE JUNIPER	2 GAL. MIN.	CON. GRWN. 5' O.C.

GROUNDCOVER

SYMBOL	QTY	BOTANICAL / COMMON NAME	SIZE	CONDITION
	*	Mahonia aquifolium / OREGON GRAPE	4" POTS	CON. GRWN, 24" O.C.
	*	Rubus calycinoides 'Emerald Carpet' / PROSTRATE SALMON BERRY	4" POTS	CON. GRWN, 24" O.C.
	*	HYDROSEED LAWN		

* LANDSCAPE CONTRACTOR TO DETERMINE QUANTITY NEEDED BASED ON EXISTING VEGETATION.

NOTE: 10' TYPE II PERIMETER LANDSCAPE BUFFER

EXISTING VEGETATION TO REMAIN WHEN POSSIBLE AND SHALL TAKE PRECEDENCE OF PROPOSED PLANTS ON THE PLANTING PLAN. TREES AND SHRUBS PROPOSED FOR PRESERVATION SHALL BE FLAGGED PRIOR TO FIELD INSPECTION. IF GAPS EXIST OR EXISTING VEGETATION IS INSUFFICIENT IN CREATING A 10 FOOT TYPE II FILTERED LANDSCAPE SCREEN, SUPPLEMENTAL PLANTINGS AS SHOWN ON THE PLAN SHALL BE PROVIDED.

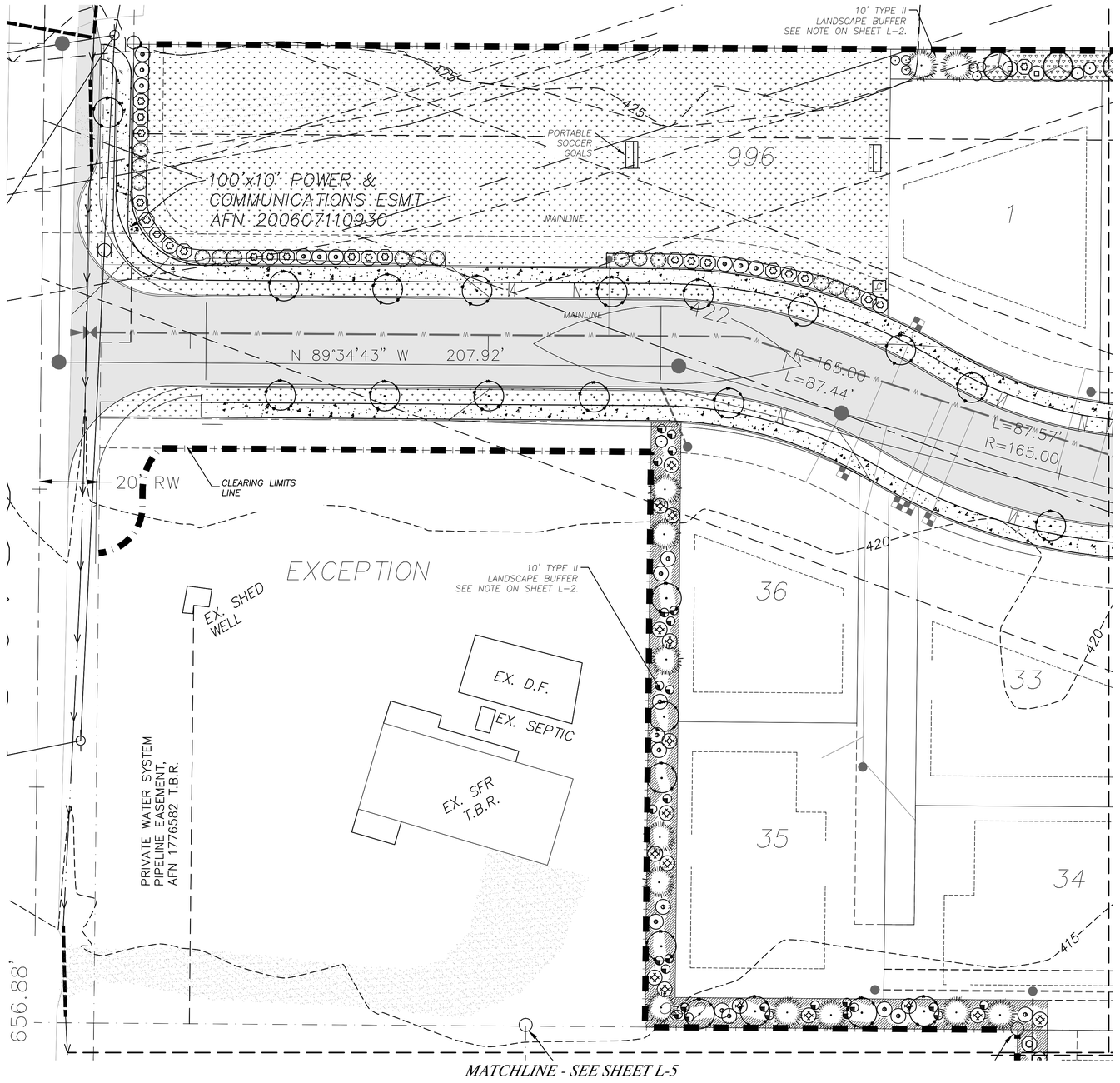
A MIX OF EVERGREEN AND BROADLEAF TREES AND SHRUBS SPACED TO CREATE A FILTERED SCREEN.

- AT LEAST FIFTY PERCENT BROADLEAF TREES AND AT LEAST THIRTY PERCENT EVERGREEN TREES;
- EVERGREEN TREES SPACED NO MORE THAN FIFTEEN FEET ON CENTER;
- BROADLEAF TREES SPACED NO MORE THAN TWENTY FEET ON CENTER;
- SHRUBS SPACED NO MORE THAN FIVE FEET APART; AND
- GROUND COVER TWENTY FOUR INCHES ON CENTER.

NOTE:

STREET TREES, PLANTER STRIP AND LANDSCAPE BUFFER TRACTS ADJACENT LOTS SHALL BE MAINTAINED BY THE HOMEOWNER. MAINTENANCE RESPONSIBILITIES FOR ALL LANDSCAPE AND IRRIGATION IMPROVEMENTS FALLS UPON THE HOA.

HYDROSEEDING APPLICATION WILL ONLY BE ALLOWED BETWEEN MARCH 1 AND OCTOBER 15.



MATCHLINE - SEE SHEET L-3

GRAPHIC SCALE

N

20 0 10 20 40

(IN FEET)
1"=20'

REVISION		BY
1	SITE PLAN CHANGES	KL
2	CITY COMMENTS	KL
3	CITY COMMENTS	KL
4	SITE PLAN CHANGES	KL

DATE
10-9-15
12-18-15
2-1-16
3-21-16

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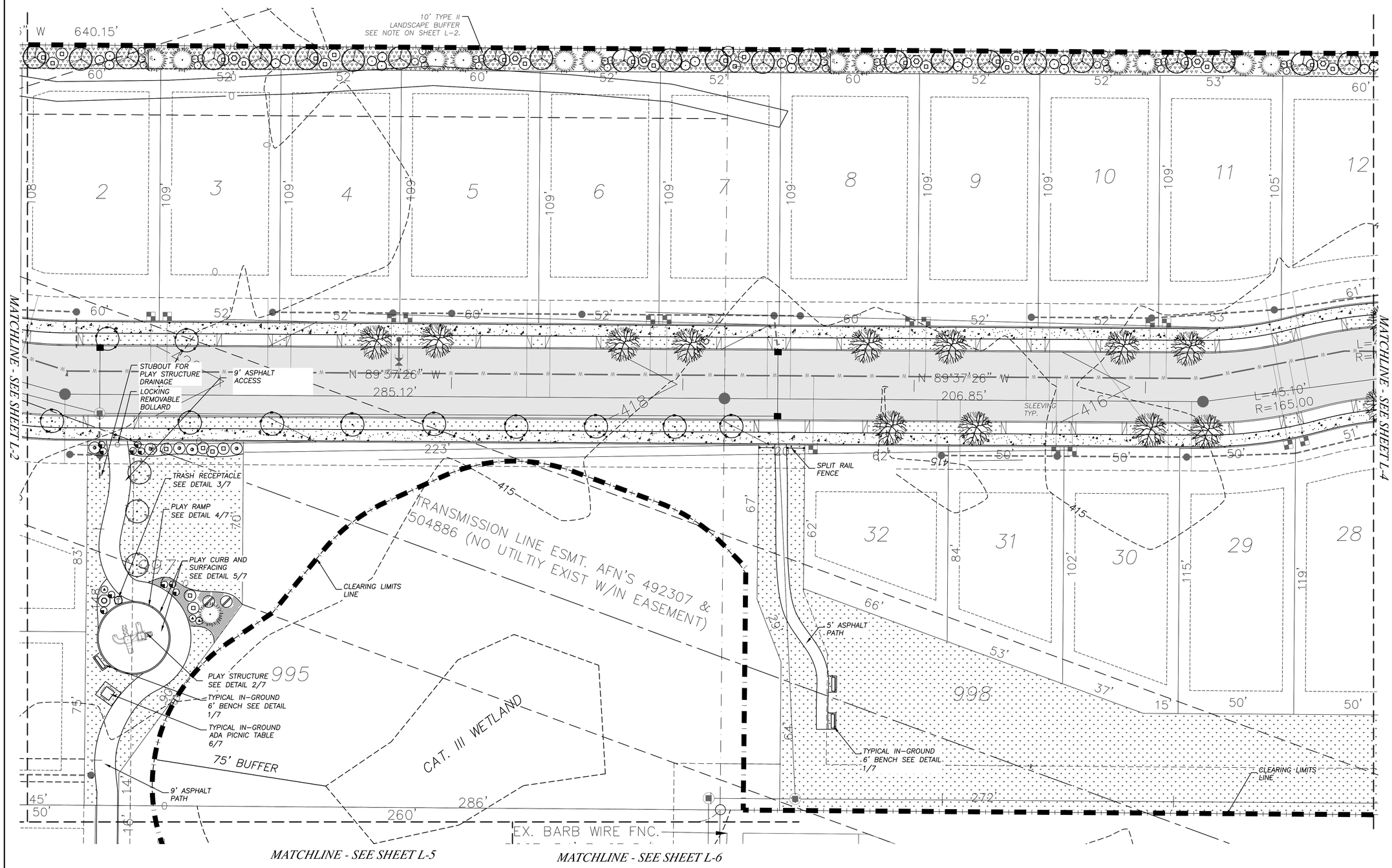
LANDSCAPE PLAN

SHEET
L-2
OF 11

IN THE N.E. 1/4, N.E. 1/4 OF SECTION 36, TOWNSHIP 28 NORTH, RANGE 6 EAST, W.W.



DATE		REVISION	BY
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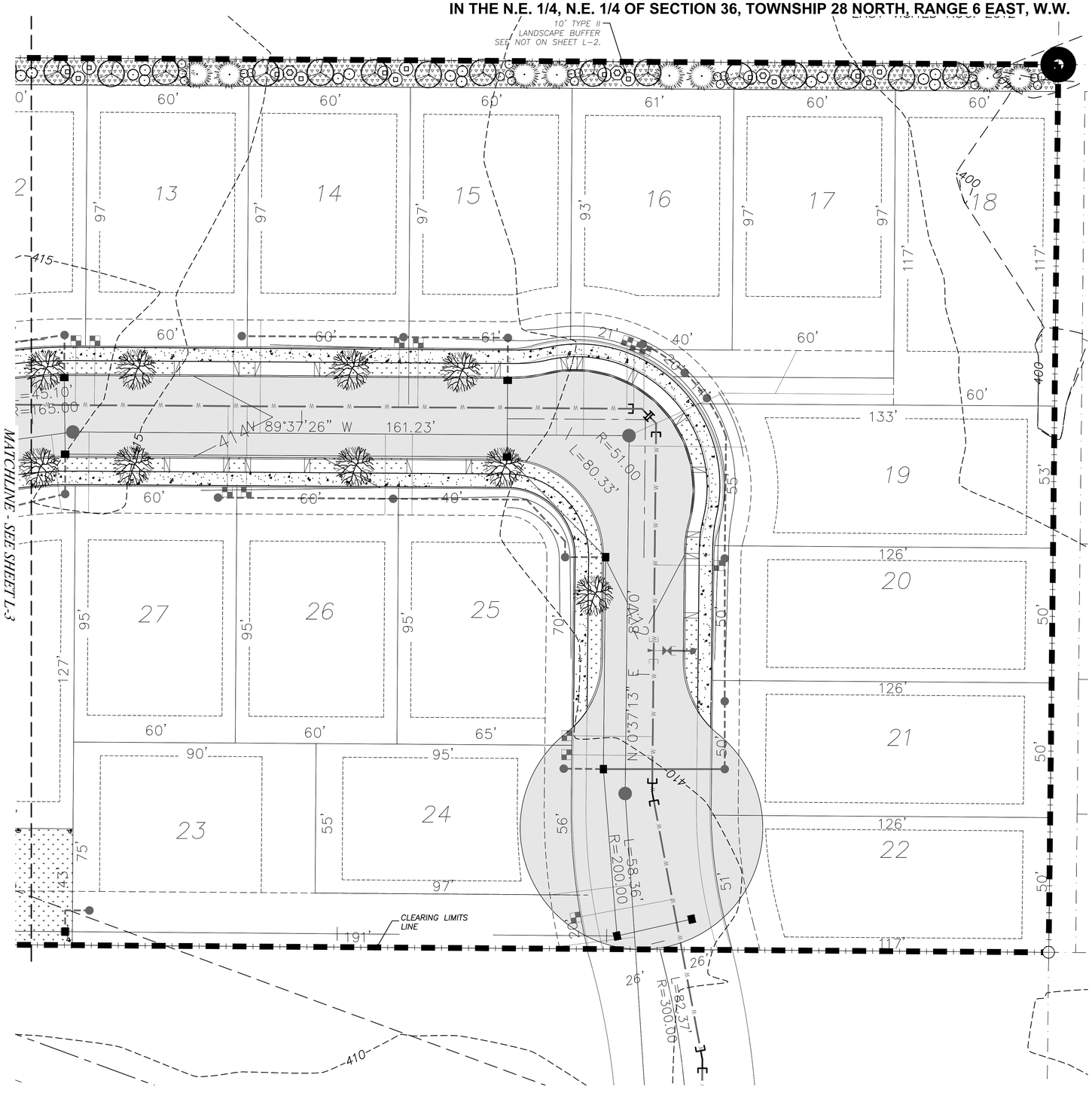
LANDSCAPE PLAN

SHEET L-3 OF 11

IN THE N.E. 1/4, N.E. 1/4 OF SECTION 36, TOWNSHIP 28 NORTH, RANGE 6 EAST, W.W.



GRAPHIC SCALE

(IN FEET)
1"=20'

DATE		REVISION	BY
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12-18-15	2	CITY COMMENTS	KL
2-1-16	3	CITY COMMENTS	KL
3-21-16	4	SITE PLAN CHANGES	KL

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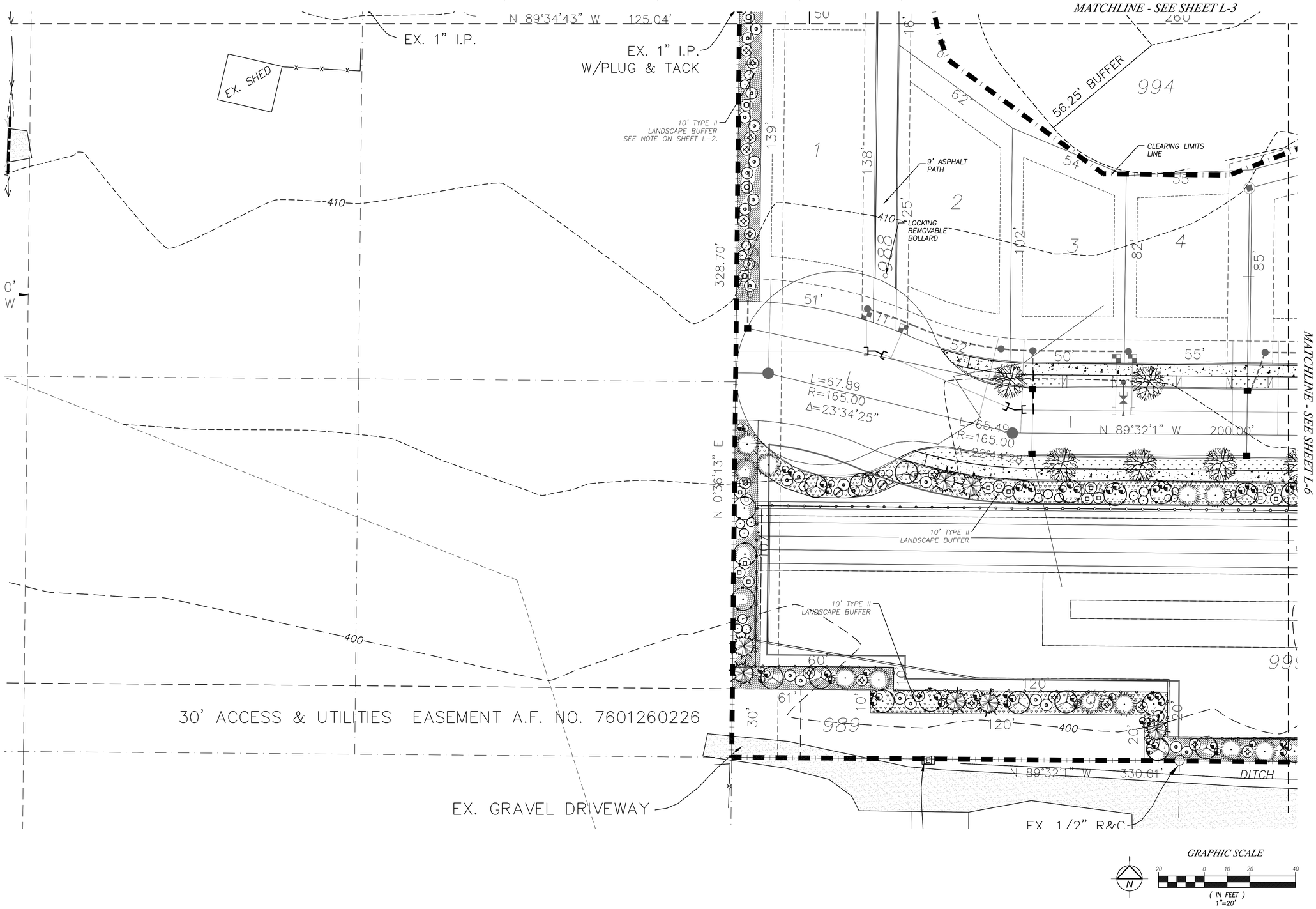
LANDSCAPE PLAN

SHEET L-4 OF 11

IN THE N.E. 1/4, N.E. 1/4 OF SECTION 36, TOWNSHIP 28 NORTH, RANGE 6 EAST, W.W.



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12-18-15	2	CITY COMMENTS	KL
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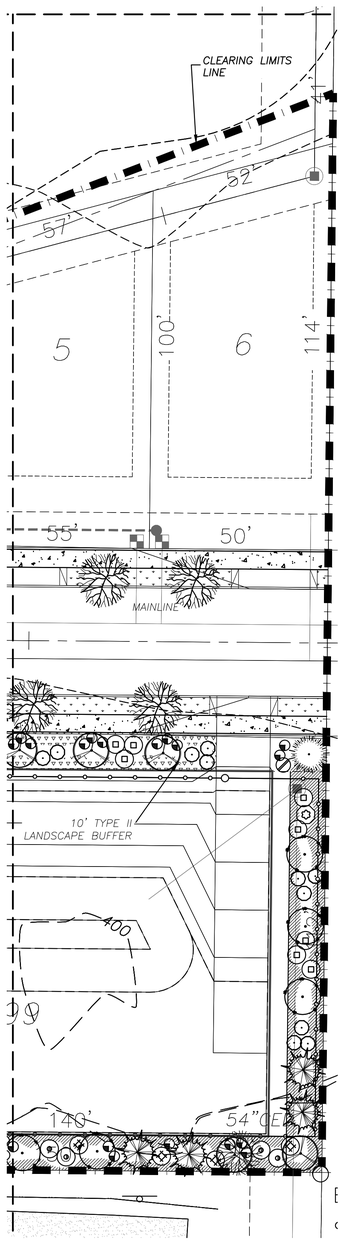
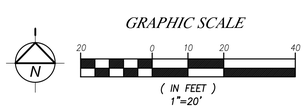
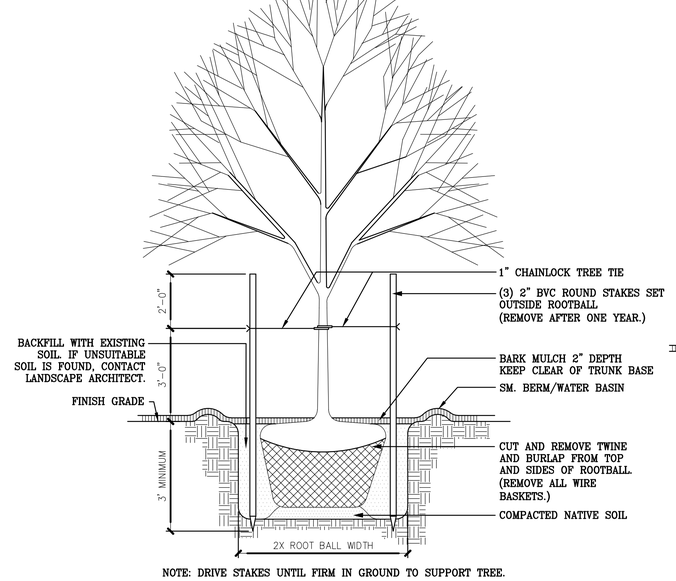
LANDSCAPE PLAN

SHEET L-5 OF 11

IN THE N.E. 1/4, N.E. 1/4 OF SECTION 36, TOWNSHIP 28 NORTH, RANGE 6 EAST, W.W.

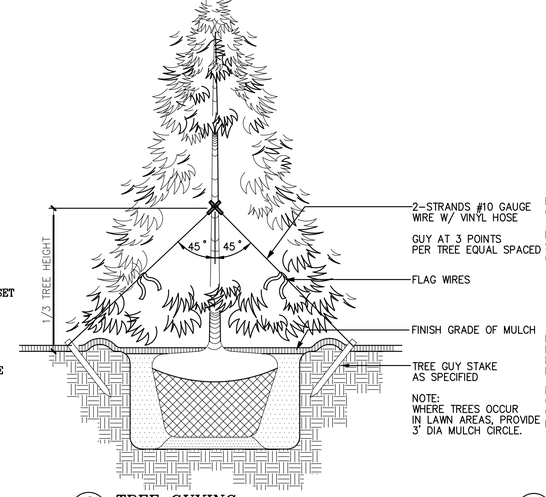




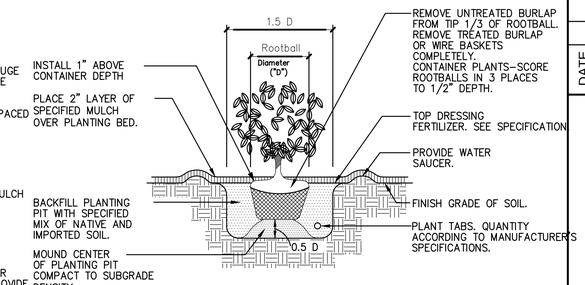


NOTE: DRIVE STAKES UNTIL FIRM IN GROUND TO SUPPORT TREE.

1/6 TREE STAKING
SCALE: NTS

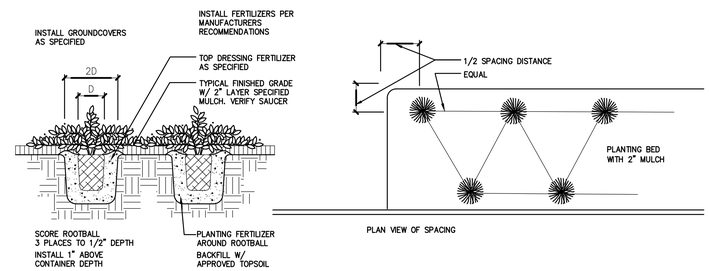


2/6 TREE GUYING
SCALE: NTS



NOTE:
DETAIL APPLIES TO TREES, SHRUBS AND GROUNDCOVER PLANTINGS.

3/6 SHRUB PLANTING
SCALE: NTS



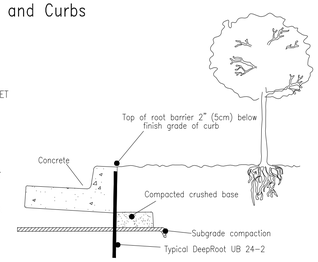
5/6 GROUNDCOVER PLANTING
SCALE: NTS

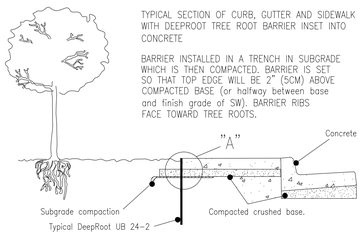
Linear Application of DeepRoot Tree Root Barriers at Time of Installing Concrete Sidewalks and Curbs

TYPICAL SECTION OF CURB AND GUTTER WITH DEEPROOT TREE ROOT BARRIER INSET INTO CONCRETE. BARRIER INSTALLED IN A TRENCH IN SUBGRADE WHICH IS THEN COMPACTED. BARRIER IS SET SO THAT TOP EDGE WILL BE 2" (5CM) BELOW FINISH GRADE OF CURB, AND SET FLUSH WITH EDGE OF CURB. BARRIER RIBS FACE TOWARD TREE ROOTS.

INSTALLATION SEQUENCE:

1. Prepare base and subgrade
2. Trench to appropriate depth for installation of root barrier so that top of barrier is 2" (5cm) below finish grade of top of curb.
3. Place root barrier in trench, vertical ribs must face toward tree roots.
4. Backfill and compact to requirements.
5. Place form material against barrier (It may be nailed from the outside of the form)



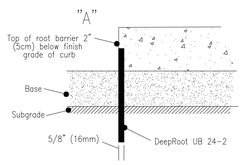


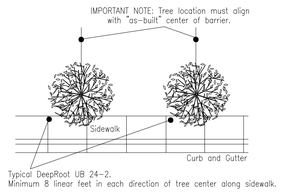
TYPICAL SECTION OF CURB, GUTTER AND SIDEWALK WITH DEEPROOT TREE ROOT BARRIER INSET INTO CONCRETE

BARRIER INSTALLED IN A TRENCH IN SUBGRADE WHICH IS THEN COMPACTED. BARRIER IS SET SO THAT TOP EDGE WILL BE 2" (5CM) ABOVE COMPACTED BASE (or halfway between base and finish grade of SW). BARRIER RIBS FACE TOWARD TREE ROOTS.

INSTALLATION SEQUENCE:

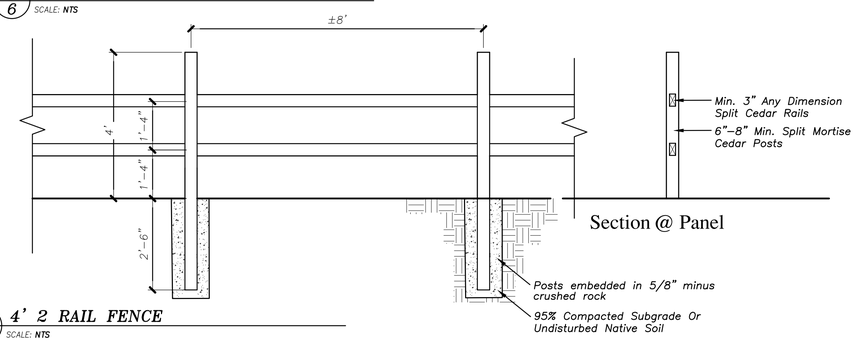
1. Prepare base and subgrade
2. Trench to appropriate depth for installation of root barrier so that top of barrier is 2" (5cm) below finish grade of top of sidewalk (or halfway between top of compacted base and finish grade of SW)
3. Place root barrier in trench, vertical ribs must face toward tree roots.
4. Backfill and compact to requirements.
5. Place form material against barrier (It may be nailed from the outside of the form)





NOTE: ALL STREET TREES SHALL HAVE ROOT BARRIERS.

4/6 ROOT BARRIER
SCALE: NTS



6/6 4' 2 RAIL FENCE
SCALE: NTS

Product Name: PORTABLE SOCCER GOAL -4.5'X9'-PAIR
Manufacturers: MANSON ATHLETICS 512.366.9012
Item Number: 0048-SLG49
Quantity: 1 (PAIR)
ACCESSORIES: NETS SEE CONTACT MANSION ATHLETICS FOR DETAILS

OR APPROVED EQUAL

7/6 PORTABLE SOCCER GOAL
SCALE: NTS

DATE	REVISION	BY
10-9-15	1 SITE PLAN CHANGES	KL
12-18-15	2 CITY COMMENTS	KL
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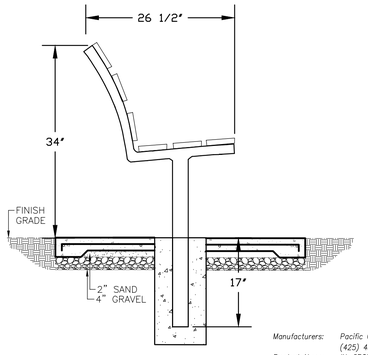
LANDSCAPE PLAN & DETAILS

SHEET L-6 OF 11

IN THE N.E. 1/4, N.E. 1/4 OF SECTION 36, TOWNSHIP 28 NORTH, RANGE 6 EAST, W.W.



SIDE VIEW

Manufacturers: Pacific Outdoor Products (425) 432-6000
Product Name: IN-GROUND BENCH
Model Number: BP-25
Description: 6' (1.8M), RECYCLED PLASTIC
Quantity: 4
OR EQUAL

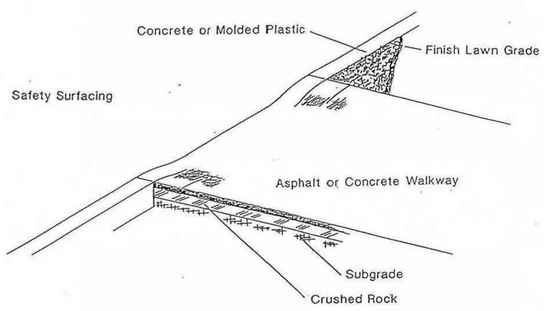
1/7 IN-GROUND BENCH INSTALL.

SCALE: NTS

Product Name: COGHILL
Model Number: 11892
Manufacturers: GAMETIME 800.235.2440
Quantity: 1
Minimum Use Zone: 25'X30
Recommended Ages: 2 to 5 OR 5 to 12
Activities: 8
Number Of Children: 20-25
ADA accessible: YES
OR EQUAL

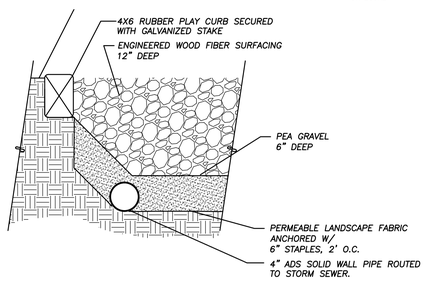
2/7 PLAY STRUCTURE

SCALE: NTS



4/7 TYP. PLAYGROUND RAMP

SCALE: NTS



5/7 TOT-LOT PLAY CURB & SURFACING

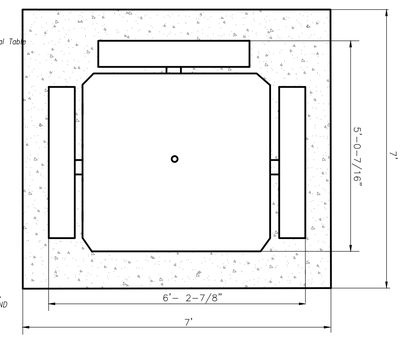
SCALE: NTS

Product Name: Heavy Duty 46" square single pedestal ADA picnic table
Manufacturers: Gametime 1-800-235-2440
Model Number: #28019
Description: 46" Square Coated Expanded Metal Table
Quantity: 1
Installation: In-ground

3/7 TRASH RECEPTICLE

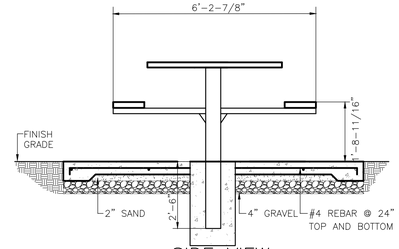
SCALE: NTS

Manufacturers: Pacific Outdoor Products (425) 432-6000
Product Name: TRASH BIN
Model Number: WT-23P
Description: IN-GROUND MOUNT, POLY TRASH BIN
Quantity: 1
OR EQUAL



NOTE:
ALL SITE FURNISHINGS INCLUDING PICNIC TABLES, BENCHES, AND TRASH RECEPTACLES ARE TO BE INSTALLED IN-GROUND WITHIN A CONCRETE PAD THE SIZE OF WHICH EXTENDS A MINIMUM OF 6" BEYOND THE HORIZONTAL DIMENSIONS.

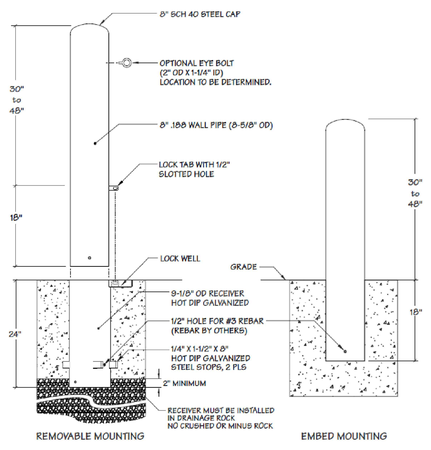
OR EQUAL.



SIDE VIEW

6/7 TYP. IN-GROUND ADA PICNIC TABLE INSTALLATION

SCALE: NTS



SPECIFICATIONS

MATERIAL
The B-2, 8" bollard shall be fabricated with 8" .188 wall pipe (8.625"OD), and a sch. 40 weld cap all fully welded and ground smooth. Steel shall conform to ASTM A53.

The in ground receiver, for **removable bollard only** shall be fabricated with 9-1/8" OD steel sleeve welded to a 3" x 5" lockwell.

PROTECTIVE COATINGS
Powder Coating: Following fabrication bollards shall be cleaned and treated with an iron phosphate process prior to the coating application. The protective coatings shall be either polyester or polyester TGIC powder. Following application the parts shall be baked until properly cured. The coating shall be a minimum of 4 mils thick on all surfaces.
Options for finish: Corrosion resistant undercoat, strongly recommended
Hot Dip Galvanizing on Receivers: Following fabrication, the receivers shall be hot dip galvanized to standard ASTM A123, 3 to 4 mils thick.

Note: Unless otherwise specified, bollards shall be powder coated a standard FairWeather color.

Options: Sch 40 or Sch 80 pipe, eye bolts, rivets On removable bollards: receiver cover, lock well cover and padlock.
Mounting: Surface, removable or embed

NOTE:
1. Depth and diameter of installation hole may vary with soil conditions. Consult project engineer for correct dimensions.
2. **REMOVABLE BOLLARDS ONLY: Receiver must be installed in drainage rock. No crushed or minus rock** Due to soil conditions the amount of drainage needed could vary from as little as 8 inches to 2 feet or more. **Improper installation will void the warranty**

Model B-2, 8" Bollard, No Collars

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360-895-7676 or Toll Free 800-323-1798
Port Orchard, Washington
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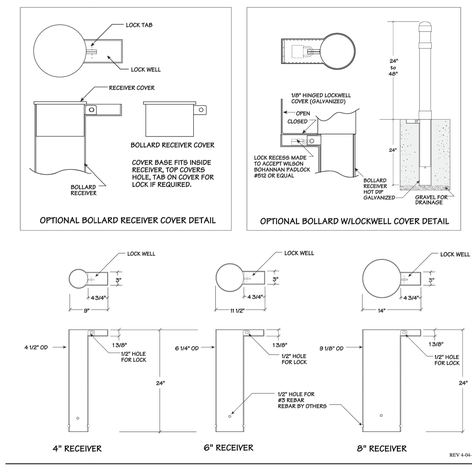
3/8 REMOVABLE BOLLARD

SCALE: NTS



Receivers for 4", 6" and 8" Bollards

SPECIFICATIONS

MATERIAL
The **4" in ground receiver**, shall be fabricated with 4 1/2" OD steel sleeve welded to a 3" x 5" lockwell.
The **6" in ground receiver**, shall be fabricated with 6 1/4" OD steel sleeve welded to a 3" x 5" lockwell.
The **8" in ground receiver**, shall be fabricated with 9 1/8" OD steel sleeve welded to a 3" x 5" lockwell.

The lock recess is made to accept Wilson Bohannan solid bronze padlock #512 or equal. A 1/2" hole will be be provided for the lock. The receiver will have a 1/2" hole for #3 rebar if required. The rebar will be supplied be others. The receiver should be installed with the top of the receiver and lock recess flush with the finish grade.

PROTECTIVE COATINGS
Hot Dip Galvanizing: Following fabrication the receiver, covers and lockwell covers shall be hot dip galvanized to standard ASTM A123, 3 to 4 mils thick.
Options:
Bollard receiver cover, lockwell cover

NOTE:
1. Depth and diameter of installation hole may vary with soil conditions. Consult project engineer for correct dimensions.
2. **Receiver must be installed over rock pocket for drainage.** Due to soil conditions the amount of drainage needed could vary from as little as 4 inches to 2 feet or more. Failure to use adequate drainage can allow the receiver to fill with water making the bollard hard to remove and replace. Inadequate drainage can also cause the bollard to freeze in place and possibly bow out the base which can cause the powder coating to pop off at the base. **Improper installation will void the warranty**

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Port Orchard, Washington
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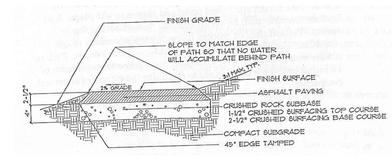
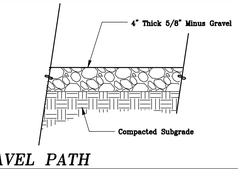
OR EQUAL.



7/7 5' ASHPALT PATH

SCALE: NTS



8/7 5' GRAVEL PATH

SCALE: NTS

DATE		REVISION	BY
10-9-15	1	SITE PLAN CHANGES	KL
12-18-15	2	CITY COMMENTS	KL
2-1-16	3	CITY COMMENTS	KL
3-21-16	4	SITE PLAN CHANGES	KL

ORIGIN DESIGN GROUP
ORIGINDG@GMAIL.COM
425.346.1905

STATE OF WASHINGTON LICENSED LANDSCAPE ARCHITECT
Krystal Lowe
KRYSTAL LOWE
LICENCE NO. 1206
EXPIRES ON FEB 27 2017

SKY VIEW RIDGE
PRELIMINARY LANDSCAPE PLAN

APPLICANT:
HANSON HOMES
P.O. BOX 2289
SNOHOMISH, WA 98291
CONTACT: RICK HANSON

DATE: MAY 2, 2015

ODG JOB NO.: 15-077

DRAWN BY: KL

CHECKED BY: KL

DETAILS

SHEET L-7 OF 11

IRRIGATION NOTES

PLANTER STRIPS AND LANDSCAPE BUFFER TRACTS ADJACENT TO LOTS SHALL BE MAINTAINED BY THE HOMEOWNER. IRRIGATION IS ONLY REQUIRED IN COMMON AREAS AND FRONTAGE IMPROVEMENTS ADJACENT TO COMMON AREAS.

IRRIGATION TRENCH DEPTHS, 18" FOR MAINLINE, 12" FOR LATERAL LINES. TRENCHES SHALL BE FREE OF ALL DEBRIS THAT CAN RESULT IN DAMAGE TO THE PIPING.

SET VALVE BOXES SQUARE TO ADJACENT BUILDINGS, WALKS OR PARKING.

PLAN IS DIAGRAMMATIC, STANDARD TRADE PRACTICES TO BE EMPLOYED TO INSURE ECONOMY OF TRENCHING AND SLEEVING. EXACT LOCATION OF LINES AND HEADS MAY BE ALTERED BY CONTRACTOR TO PROVIDE BEST WATER COVERAGE.

OWNER TO PROVIDE DEDUCT/EXEMPT METER AS REQUIRED BY WATER PURVEYOR.

SWING JOINTS TO BE EITHER TRIPLE SWING JOINTS OR TORO FUNNY PIPE.

LEAVE A MINIMUM OF 3' OF ADDITIONAL CONTROL WIRE LOOPED AT EACH VALVE BOX. ATTACH CONTROL WIRES TO THE ADJACENT PIPING WITH ELECTRICAL TAPE, AT LEAST EVERY 20'. RUN 3 SPARE WIRES ALONG ENTIRE LENGTH OF MAINLINE, LOOP THROUGH EACH VALVE BOX TO FARTHEST VALVE BOX EACH DIRECTION.

IRRIGATION SCHEDULE

SYMBOL	TYPE	MANUFACTURER	DESCRIPTION
Q T H TQ F EST SST CST	SPRAY POP-UP SHRUB	RAINBIRD	10 SERIES MPR-SERIES - 30 PSI -10' RADIUS. SST, CST, ES NOZZLE AS NEEDED TO PROVIDE HEAD TO HEAD COVERAGE OR APPROVED EQUAL.
Q T H TQ F EST SST CST	SPRAY POP-UP LAWN	RAINBIRD	10 SERIES MPR - 30 PSI - 10' RADIUS. SST, CST, ES NOZZLE AS NEEDED TO PROVIDE HEAD TO HEAD COVERAGE OR APPROVED EQUAL.
Q T H TQ F	ROTOR HEADS	RAINBIRD	5000-MPR-25 (RED) - 25 PSI - 23' RADIUS. NOZZLE AS NEEDED TO PROVIDE HEAD TO HEAD COVERAGE OR APPROVED EQUAL.
ZONE# # XX SIZE GPM	AUTOMATIC CONTROL VALVE	RAINBIRD	100 PEB SERIES - WITH VALVE SIZE, GPM, AND HYDROZONE #
	VALVE BOX	AMTEK	STANDARD OR JUMBO AS NEEDED - OR APPROVED EQUAL.
M	METER	RAINBIRD	3/4" INSTALL PER CITY STANDARDS.
M DC	DOUBLE CHECK ASSEMBLY	FEBCO	1 ¼" 825Y - OR APPROVED EQUAL.
	QUICK COUPLER	RAINBIRD	3RC W/ 33D KEY - OR APPROVED EQUAL.
C	CONTROLLER	RAINBIRD	(2) ESP-MC SERIES 32 STATIONS - OR APPROVED EQUAL.
	MAINLINE	RAINBIRD	1 ½" SCHEDULE 40 PVC
	LATERAL LINE	RAINBIRD	CLASS 200 - SEE SCHEDULE OF PIPE SIZES.
	SLEEVING	RAINBIRD	SCHEDULE 40 - 2X'S DIAMETER OF PIPE.

PIPE SIZES

GPM	PIPE SIZE
0-8	¾"
9-15	1"
16-22	1 ¼"
23-35	1 ½"
36-55	2"

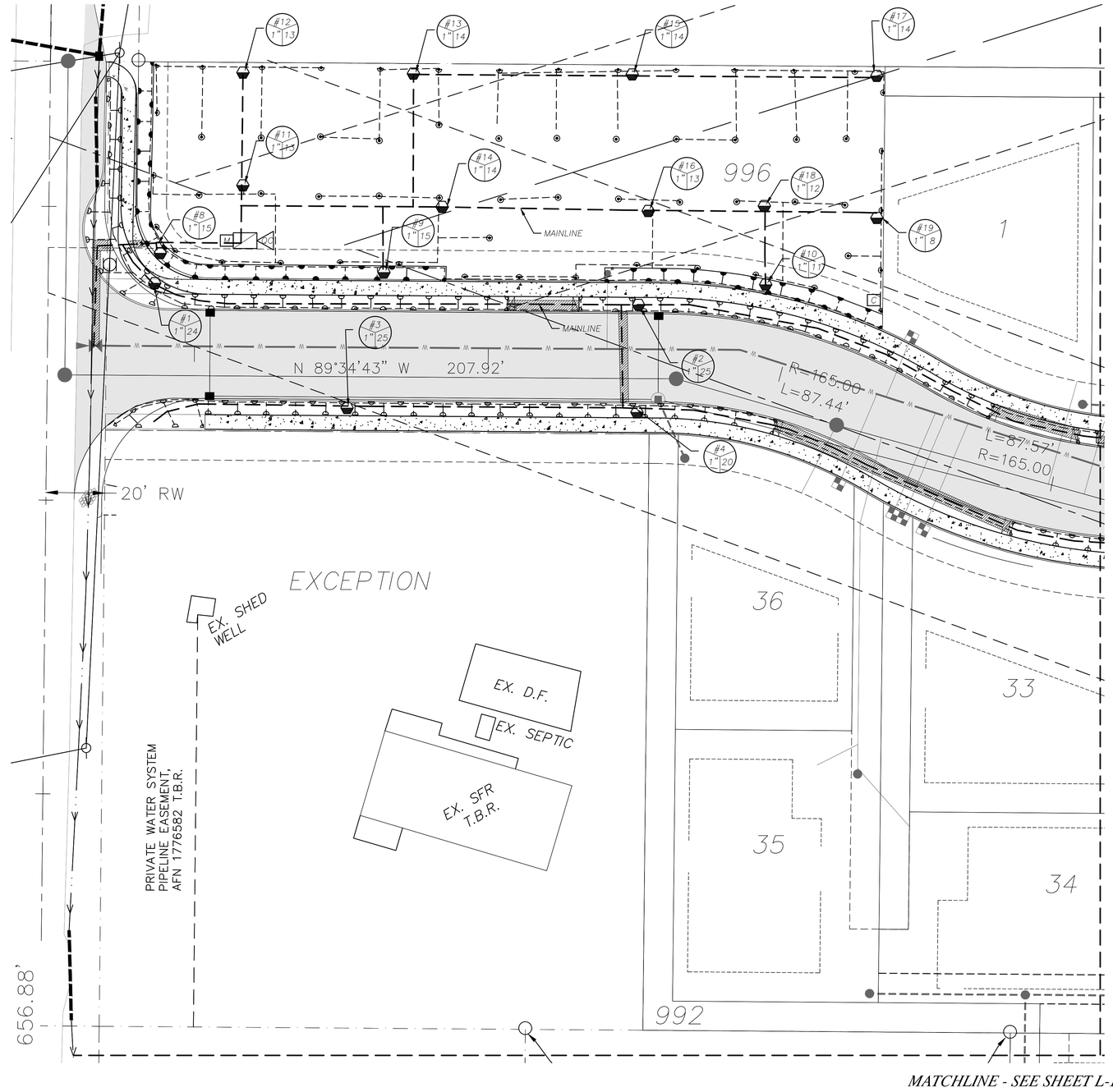
NOTE

CONTROLLER LOCATIONS ARE REPRESENTATIVE ONLY AND SHOULD BE FIELD LOCATED. IF POWER IS NOT LOCATED IN DESIRABLE LOCATION OR IS NOT AVAILABLE, A BATTERY OPERATED CONTROLLER (I-BOX) WILL BE USED AT OWNER'S / CONTRACTORS DISCRETION.

CONTROLLER #1: ZONES 1-32
CONTROLLER #2: ZONES 33-44

ZONE #	GPM
1	24
2	25
3	25
4	20
5	25
6	22
7	23
8	15
9	15
10	11
11	13
12	13
13	14
14	14
15	14
16	16
17	14
18	12
19	8
20	24
21	21
22	25
23	25
24	9
25	15
26	15
27	9
28	15
29	11
30	20
31	21
32	20
33	20
34	19
35	20
36	24
37	16
38	12
39	24
40	24
41	24
42	25
43	24
44	10

IN THE N.E. 1/4, N.E. 1/4 OF SECTION 36, TOWNSHIP 28 NORTH, RANGE 6 EAST, W.W.



GRAPHIC SCALE

N

20 0 10 20 40

(IN FEET)
1"=20'

DATE	REVISION	BY
10-9-15	1 SITE PLAN CHANGES	KL
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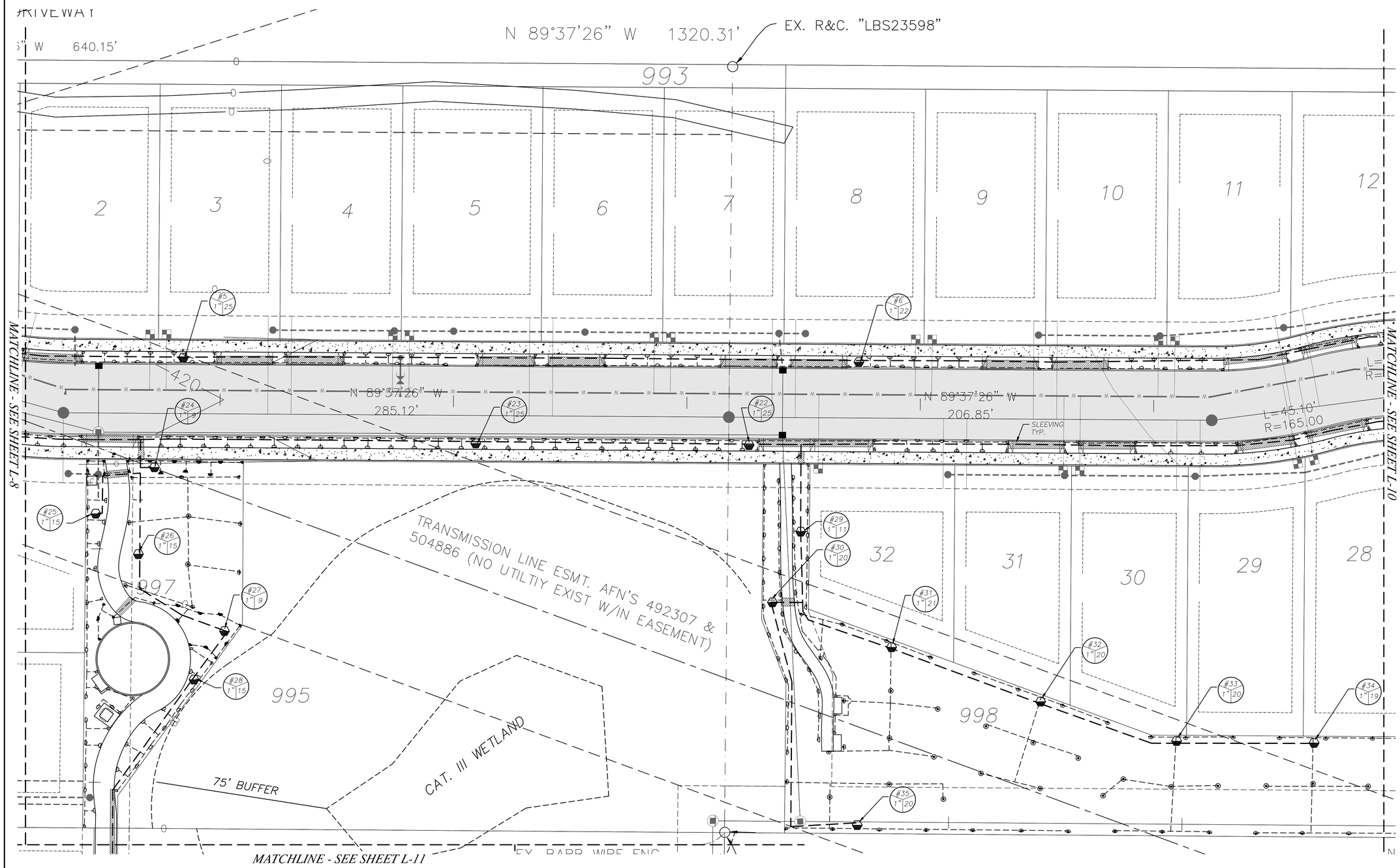
CHECKED BY: KL

IRRIGATION PLAN

SHEET L-8 OF 11

IN THE N.E. 1/4, N.E. 1/4 OF SECTION 36, TOWNSHIP 28 NORTH, RANGE 6 EAST, W.W.



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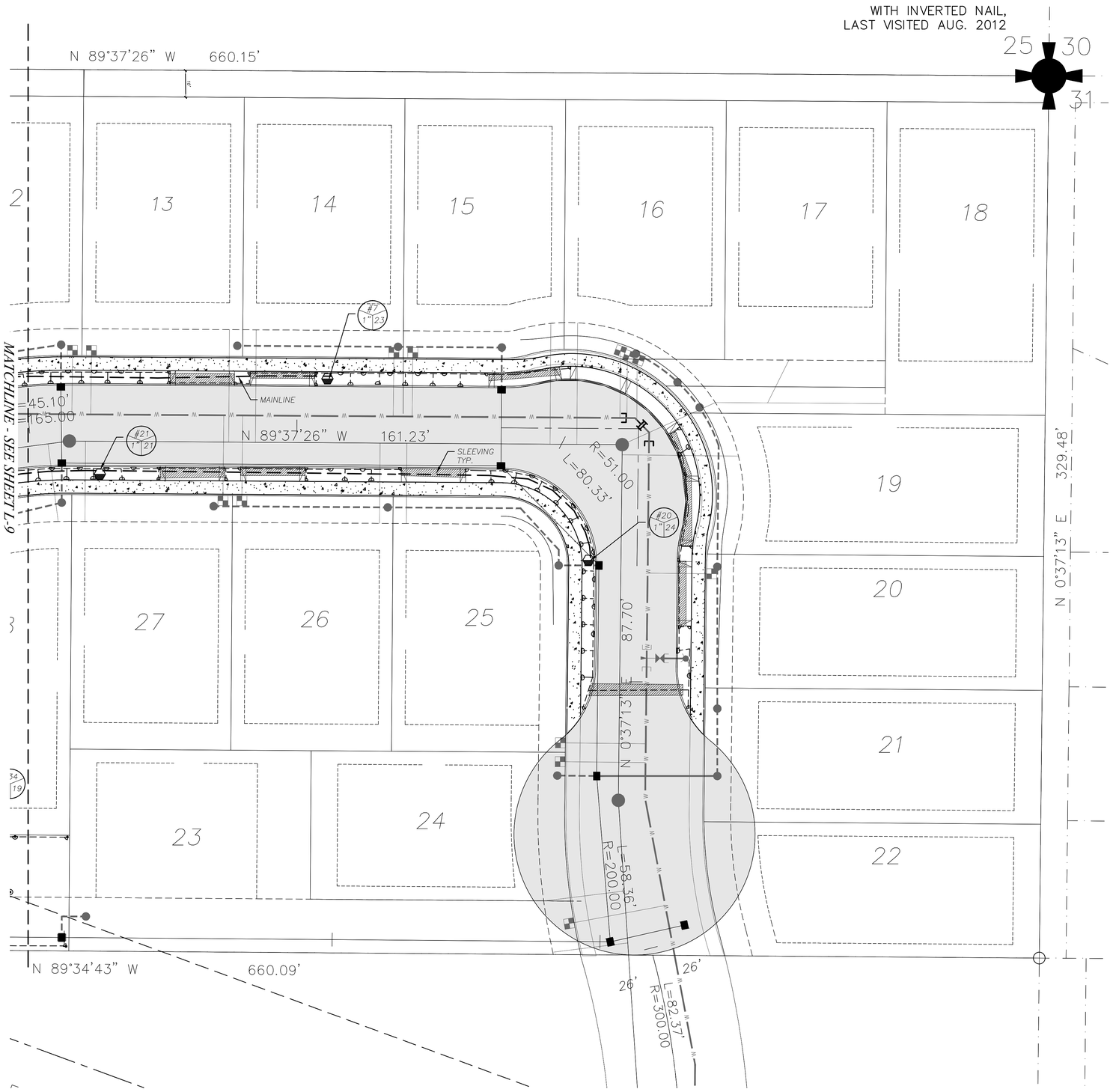
IRRIGATION PLAN

SHEET L-9 OF 11

IN THE N.E. 1/4, N.E. 1/4 OF SECTION 36, TOWNSHIP 28 NORTH, RANGE 6 EAST, W.W.



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20 0 10 20 40

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1"=20'

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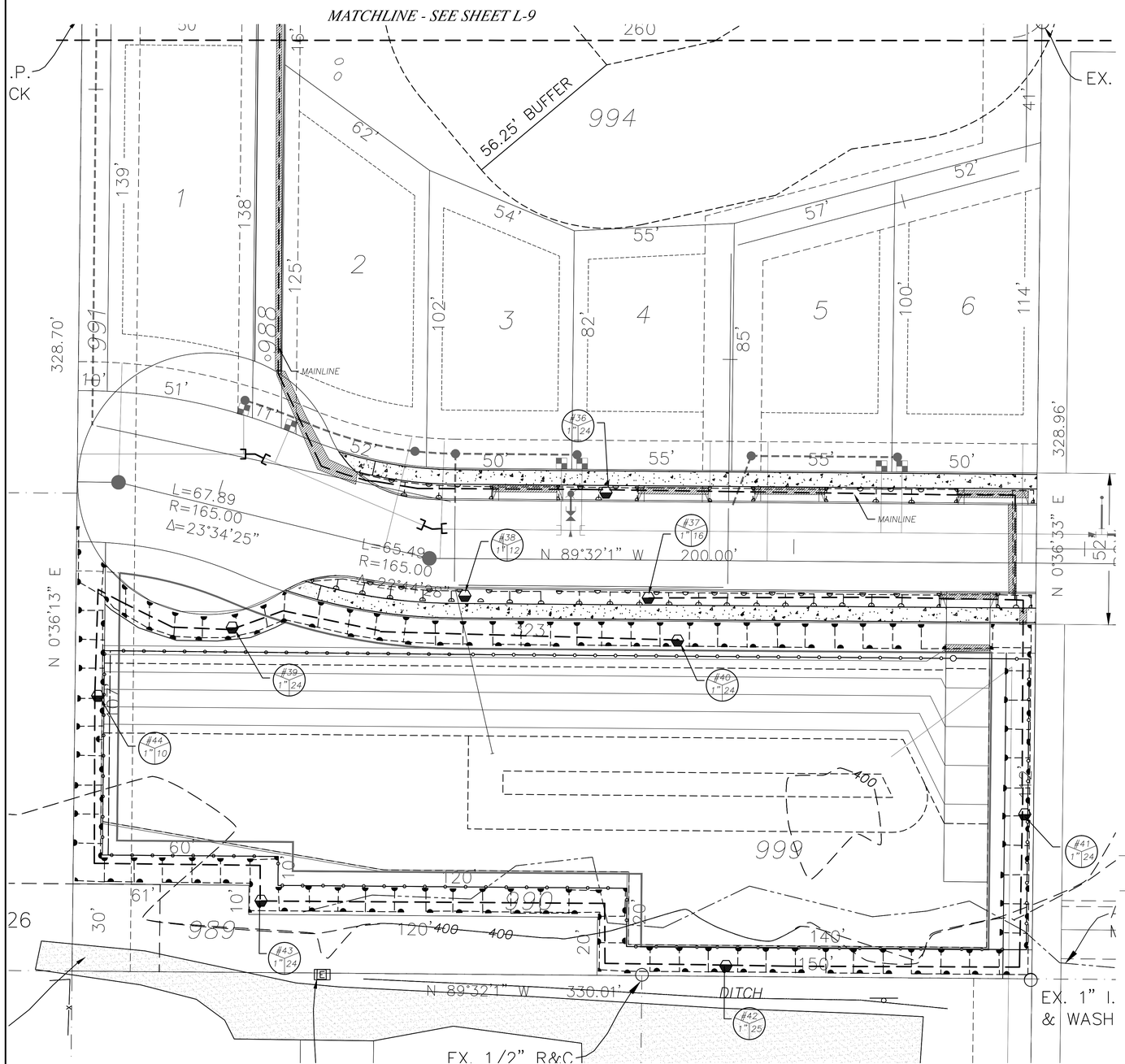
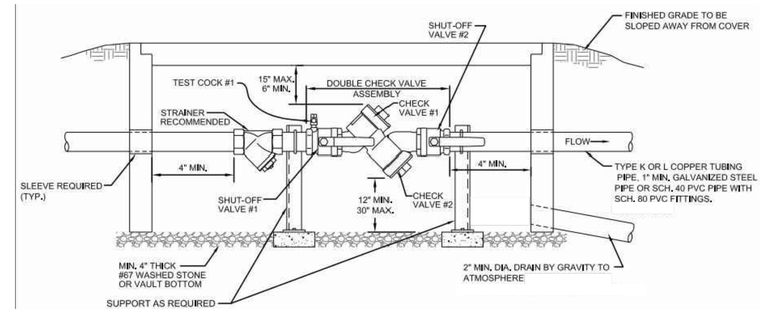
IRRIGATION PLAN

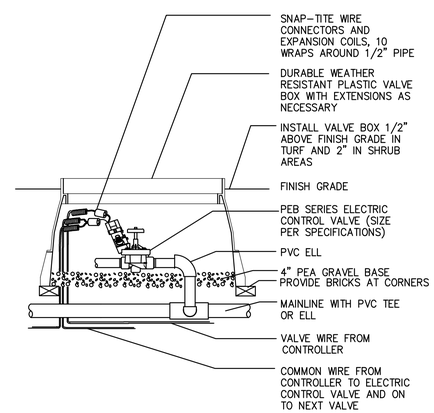
SHEET
L-10
OF 11

IN THE N.E. 1/4, N.E. 1/4 OF SECTION 36, TOWNSHIP 28 NORTH, RANGE 6 EAST, W.W.

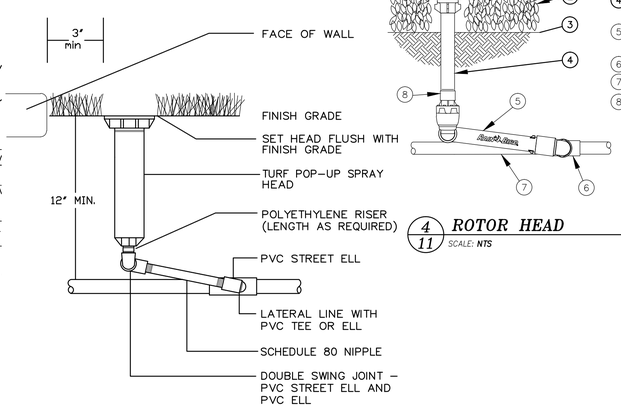




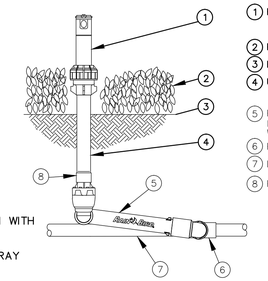
1/11 BACK FLOW PREVENTOR
SCALE: NTS



2/11 REMOTE CONTROL VALVE
SCALE: NTS



3/11 POP UP SPRAY HEAD
SCALE: NTS



1. ROTOR SPRINKLER: RAIN BIRD 5000-S-FC/PC-SAM
2. PLANT MATERIAL
3. FINISH GRADE
4. UV RADIATION RESISTANT PVC SCH 80 NIPPLE (LENGTH AS REQUIRED)
5. PRE-FABRICATED SWING JOINT: RAIN BIRD TSJ-075-PRS WITH 45 PSI PRESSURE REG.
6. PVC SCH 40 TEE OR ELL
7. LATERAL PIPE
8. PVC SCH 40 COUPLER

4/11 ROTOR HEAD
SCALE: NTS

GRAPHIC SCALE

N

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(IN FEET)
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