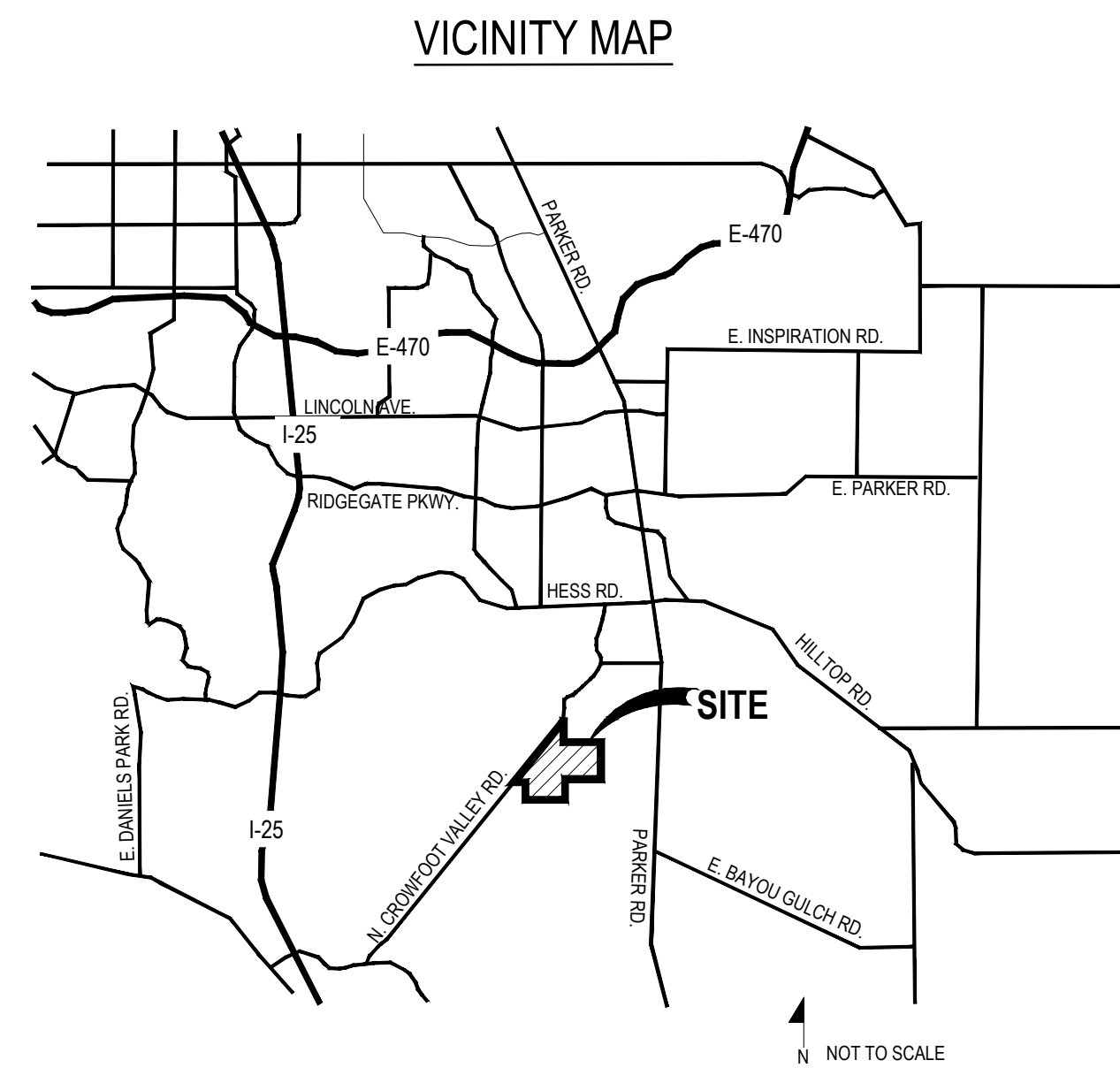
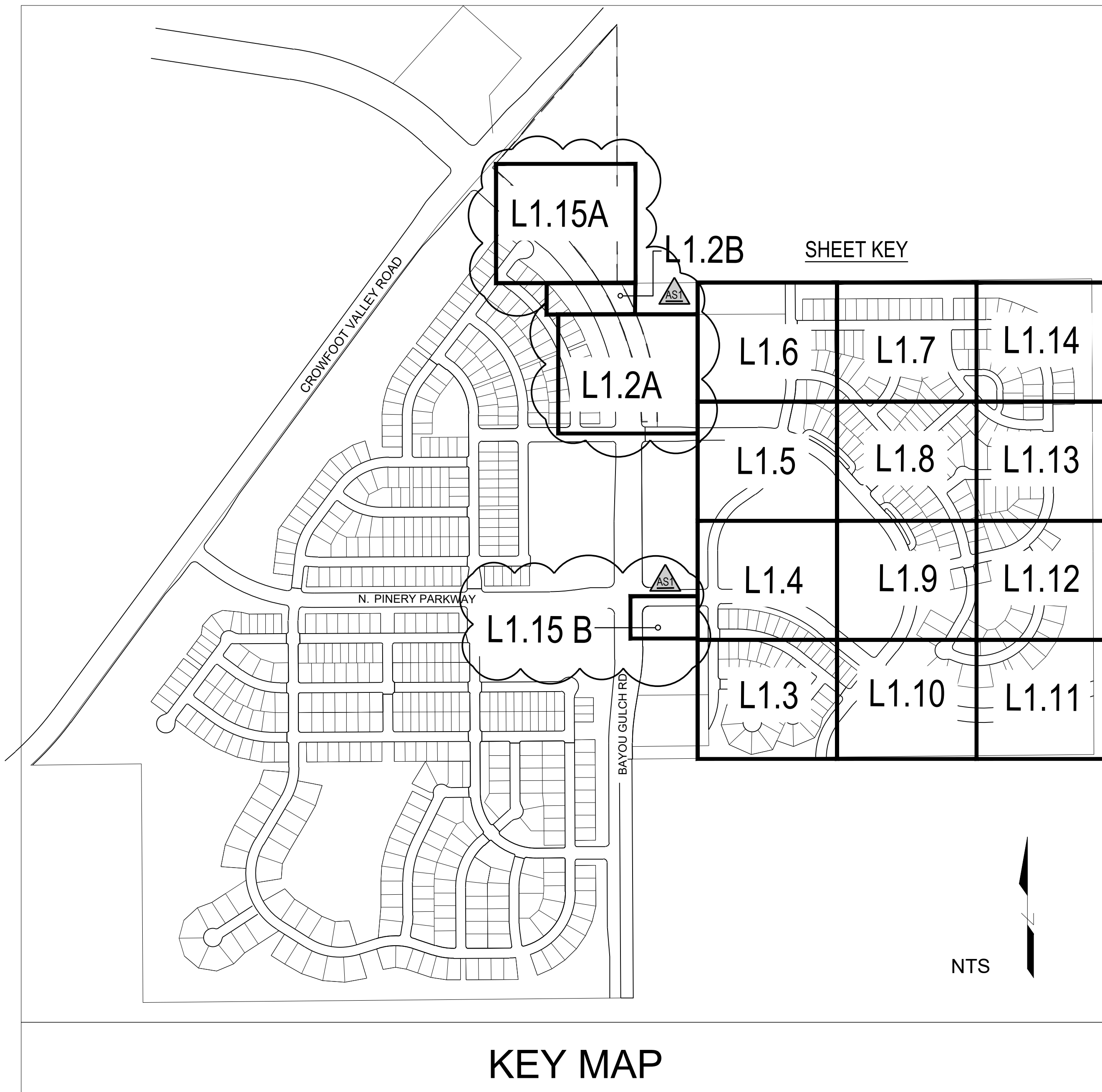


# TRAILS AT CROWFOOT

## FILING NO. 9 FINAL LANDSCAPE PLANS



OWNER / DEVELOPER    PLANNER / LANDSCAPE ARCHITECT    CIVIL ENGINEER

ESX MANAGEMENT  
7353 SOUTH ALTON WAY  
CENTENNIAL, CO 80112

people creating spaces  
pcs group inc. www.pcsgroupco.com  
#3, B-180 Independence plaza  
1007 16th street, denver co 80265  
1.303.531.4905, f.303.531.4908

**CVL**  
CONSULTANTS  
10333 E. DRY CREEK RD. #240  
ENGLEWOOD, CO 80112  
720-482-9526

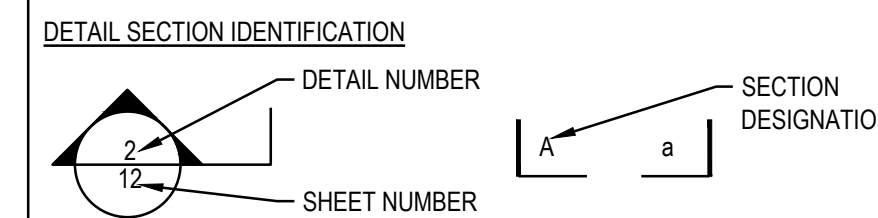
Sheet Number	Sheet Title
L0.0	LANDSCAPE COVER SHEET
L0.1	LANDSCAPE NOTES & PLANT SCHEDULE
L1.1	OVERALL LANDSCAPE PLAN
L1.2	LANDSCAPE PLAN
L1.3	LANDSCAPE PLAN
L1.4	LANDSCAPE PLAN
L1.5	LANDSCAPE PLAN
L1.6	LANDSCAPE PLAN
L1.7	LANDSCAPE PLAN
L1.8	LANDSCAPE PLAN
L1.9	LANDSCAPE PLAN
L1.10	LANDSCAPE PLAN
L1.11	LANDSCAPE PLAN
L1.12	LANDSCAPE PLAN
L1.13	LANDSCAPE PLAN
L1.14	LANDSCAPE PLAN
L1.15	LANDSCAPE PLAN
L2.0	SITE & LANDSCAPE DETAILS
IR1.0	IRRIGATION LEGEND AND NOTES
IR1.1	IRRIGATION WORKSHEETS
IR1.2-IR1.11	IRRIGATION PLANS
IR2.1	IRRIGATION DETAILS
IR2.2	IRRIGATION DETAILS

### SYMBOLS & ABBREVIATIONS

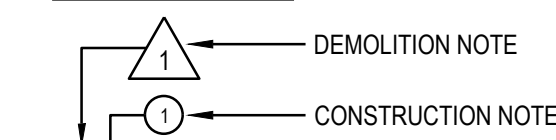
AC = ACRE  
APPROXIMATE = APPROX  
B&B = BALL AND BURLAP  
BOC = BACK OF CURB  
B.M. = BENCH MARK  
BLDG = BUILDING  
B.S. = BOTTOM OF STAIR  
B.W. = BOTTOM OF WALL  
CAL = CALIPER  
C.B. = CATCH BASIN  
CL CATCH BASIN CENTER LINE  
C.O. = CLEANOUT  
COL = COLUMN  
CONC. = CONCRETE  
CONT. = CONTINUOUS  
CONTR = CONTRACTOR  
C.F. = CUBIC FEET  
C.Y. = CUBIC YARD  
DET. = DETAIL  
DIM. = DIMENSION  
DIA. = DIAMETER  
DWG. = DRAWING  
EA. = EACH  
ELEV. = ELEVATION  
EXIST. = EXISTING  
E.P. = EDGE OF PAVING

EXP. = EXPANSION  
E.W. = EACH WAY  
F.F. = FINISH FLOOR  
F.G. = FINISH GRADE  
FIN. = FINISH  
F.H. = FIRE HYDRANT  
FL. = FLOW LINE  
FTG. = FOOTING  
FT. = FEET  
GA. = GAUGE  
GALV. = GALVANIZED  
H.W. = HEAD WALL  
REIN. = REINFORCED  
HT. = HEIGHT  
HORIZ. = HORIZON  
ID. = INNER DIAMETER  
IN. = INCH  
INV. = INVERT  
L.P. = LOW POINT  
L.F. = LINEAR FEET  
MAX. = MAXIMUM  
M.H. = MAN HOLE  
MIN. = MINIMUM  
MISC. = MISCELLANEOUS  
N.I.C. = NOT IN CONTRACT  
N.T.S. = NOT TO SCALE

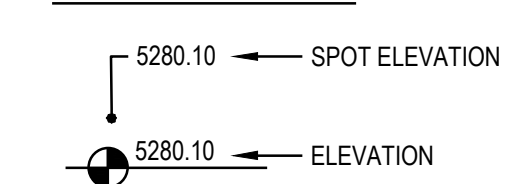
O.C. = ON CENTER  
O.D. = OUTSIDE DIAMETER  
P.O.B. = POINT OF BEGINNING  
P.O.C. = POINT OF CONNECTION  
P.V.C. = POLYVINYL CHLORIDE  
PIPE  
PL. = PROPERTY LINE  
R. = RADIUS  
R.C.P. = REINFORCED CONCRETE PIPE  
R.O.W. = RIGHT OF WAY  
REQD. = REQUIRED  
REIN. = REINFORCED  
SHT. = SHEET  
SPEC. = SPECIFICATIONS  
SQ. = SQUARE  
S.F. = SQUARE FEET  
S.Y. = SQUARE YARD  
S.S. = STAINLESS STEEL  
T.C. = TOP OF CURB  
T.S. = TOP OF STAIR  
T.W. = TOP OF WALL  
TYP. = TYPICAL  
VERT. = VERTICAL  
W/O = WITH OUT  
W.W.M. = WOVEN WIRE MESH



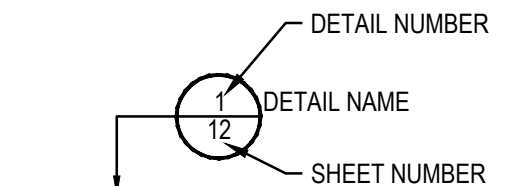
### NOTE IDENTIFICATION



### ELEVATION IDENTIFICATION



### DETAIL IDENTIFICATION



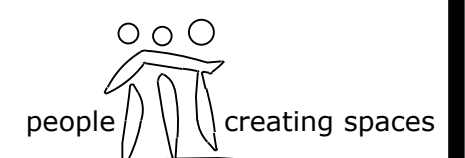
### GENERAL NOTES

- DRAWINGS ARE INTENDED TO BE PRINTED ON 24 X 36 PAPER. PRINTING THESE DRAWINGS AT A DIFFERENT SIZE WILL IMPACT THE SCALE. VERIFY THE GRAPHIC SCALE BEFORE REFERENCING ANY MEASUREMENTS ON THESE SHEETS. THE RECIPIENT OF THESE DRAWINGS SHALL BE RESPONSIBLE FOR ANY ERRORS RESULTING FROM INCORRECT PRINTING, COPYING, OR ANY OTHER CHANGES THAT ALTER THE SCALE OF THE DRAWINGS.
- VERIFY ALL PLAN DIMENSIONS PRIOR TO START OF CONSTRUCTION. NOTIFY THE OWNER'S REPRESENTATIVE TO ADDRESS ANY QUESTIONS OR CLARIFY ANY DISCREPANCIES.
- WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
- SUBMIT A CHANGE ORDER FOR APPROVAL FOR ANY CHANGES TO WORK SCOPE RESULTING FROM FIELD CONDITIONS OR DIRECTION BY OWNER'S REPRESENTATIVE WHICH REQUIRE ADDITIONAL COST TO THE OWNER PRIOR TO PERFORMANCE OF WORK.
- THE CONTRACTOR SHALL PROVIDE A STAKED LAYOUT OF ALL SITE IMPROVEMENTS FOR INSPECTION BY THE OWNER'S REPRESENTATIVE AND MAKE MODIFICATIONS AS REQUIRED. ALL LAYOUT INFORMATION IS AVAILABLE IN DIGITAL FORMAT FOR USE BY THE CONTRACTOR.
- IF A GEOTECHNICAL SOILS REPORT IS NOT AVAILABLE AT THE TIME OF CONSTRUCTION, PCS GROUP, INC. RECOMMENDS A REPORT BE AUTHORIZED BY THE OWNER AND THAT ALL RECOMMENDATIONS OF THE REPORT ARE FOLLOWED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL USE THESE CONTRACT DOCUMENTS AS A BASIS FOR THE BID. IF THE OWNER ELECTS TO PROVIDE A GEOTECHNICAL REPORT, THE CONTRACTOR SHALL REVIEW THE REPORT AND SUBMIT AN APPROPRIATE CHANGE ORDER TO THE OWNER'S REPRESENTATIVE IF ADDITIONAL COSTS ARE REQUESTED.
- CONTRACTOR SHALL CONFIRM THAT SITE CONDITIONS ARE SIMILAR TO THE PLANS WITHIN TOLERANCES STATED IN THE CONTRACT DOCUMENTS, AND SATISFACTORY TO THE CONTRACTOR PRIOR TO START OF WORK. SHOULD SITE CONDITIONS BE DIFFERENT THAN REPRESENTED ON THE PLANS OR UNSATISFACTORY TO THE CONTRACTOR, THE CONTRACTOR SHALL CONTACT THE OWNER'S REPRESENTATIVE FOR CLARIFICATION AND FURTHER DIRECTION. CONTRACTOR IS RESPONSIBLE TO PAY FOR, AND OBTAIN, ANY REQUIRED APPLICATIONS, PERMITTING, LICENSES, INSPECTIONS AND METERS ASSOCIATED WITH WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES OR PENALTIES ASSESSED TO THE OWNER RELATING TO ANY VIOLATIONS OR NON-COMFORMANCE WITH THE PLANS, SPECIFICATIONS, CONTRACT DOCUMENTS, JURISDICTIONAL CODES AND REGULATORY AGENCIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL UTILITY LOCATES PRIOR TO ANY EXCAVATION. NOTIFY OWNER'S REPRESENTATIVE IF EXISTING OR PROPOSED UTILITIES INTERFERE WITH THE ABILITY TO PERFORM WORK.
- UNLESS IDENTIFIED ON THE PLANS FOR DEMOLITION OR REMOVAL, THE CONTRACTOR IS RESPONSIBLE FOR THE COST TO REPAIR UTILITIES, ADJACENT OR EXISTING LANDSCAPE, ADJACENT OR EXISTING PAVING, OR ANY PUBLIC AND PRIVATE PROPERTY THAT IS DAMAGED BY THE CONTRACTOR OR THEIR SUBCONTRACTOR'S OPERATIONS DURING INSTALLATION, ESTABLISHMENT OR DURING THE SPECIFIED MAINTENANCE PERIOD. ALL DAMAGES SHALL BE REPAIRED TO PRE-CONSTRUCTION CONDITIONS AS DETERMINED BY THE OWNER'S REPRESENTATIVE. CONTRACTOR SHALL BE RESPONSIBLE FOR LOGGING ANY DAMAGES PRIOR TO START OF CONSTRUCTION AND DURING THE CONTRACT PERIOD.
- ANY AREAS OR IMPROVEMENTS DISTURBED OUTSIDE WORK AREA LIMIT SHALL BE RETURNED TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE. IN THE EVENT THE CONTRACTOR REQUIRES A MODIFICATION TO THE CONSTRUCTION LIMIT, WRITTEN PERMISSION MUST BE OBTAINED FROM THE OWNER'S REPRESENTATIVE PRIOR TO ANY DISTURBANCE OUTSIDE OF THE LIMIT OF WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY OF THEIR TRENCHES OR EXCAVATIONS THAT SETTLE.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO PREPARE AND SUBMIT A TRAFFIC CONTROL PLAN TO THE APPROPRIATE JURISDICTIONAL AGENCIES AND THE OWNER'S REPRESENTATIVE IF THEIR WORK AND OPERATIONS AFFECT OR IMPACT THE PUBLIC RIGHTS-OF-WAY. OBTAIN APPROVAL PRIOR TO ANY WORK WHICH AFFECTS OR IMPACTS THE PUBLIC RIGHTS-OF-WAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES OR PENALTIES ASSESSED TO THE OWNER RELATING TO THIS REQUIREMENT DURING THE CONTRACT PERIOD.
- SIGHT TRIANGLES AND SIGHT LINES SHALL REMAIN UNOBSTRUCTED BY EQUIPMENT, CONSTRUCTION MATERIALS, PLANT MATERIAL OR ANY OTHER VISUAL OBSTACLE DURING THE CONTRACT PERIOD AND AT MATURITY OF PLANTS PER LOCAL JURISDICTIONAL REQUIREMENTS. NO PLANT MATERIAL OTHER THAN GROUND COVER IS ALLOWED TO BE PLANTED ADJACENT TO FIRE HYDRANTS AS STIPULATED BY JURISDICTIONAL REQUIREMENTS.
- COORDINATE SITE ACCESS, STAGING, STORAGE AND CLEAN OUT AREAS WITH OWNER'S REPRESENTATIVE.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING TEMPORARY SAFETY FENCING AND BARRIERS AROUND ALL IMPROVEMENTS SUCH AS WALLS, PLAY STRUCTURES, EXCAVATIONS, ETC. ASSOCIATED WITH THEIR WORK UNTIL SUCH FACILITIES ARE COMPLETELY INSTALLED PER THE PLANS, SPECIFICATIONS AND MANUFACTURER'S RECOMMENDATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF THEIR MATERIAL STOCKPILES CONCRETE IN THE STORM SEWER IS PROHIBITED.
- THE CONTRACTOR SHALL KNOW, UNDERSTAND AND ABIDE BY ANY STORM WATER POLLUTION PREVENTION PLAN (SWPPP) ASSOCIATED WITH THE SITE. IF A STORM WATER POLLUTION PREVENTION PLAN IS NOT PROVIDED BY THE OWNER'S REPRESENTATIVE, REQUEST A COPY BEFORE PERFORMANCE OF ANY SITE WORK.
- CONTRACTOR SHALL MAINTAIN ANY STORM WATER MANAGEMENT FACILITIES THAT EXIST ON SITE FOR FULL FUNCTIONALITY. THE CONTRACTOR SHALL INSTALL AND MAINTAIN ANY NEW STORM WATER MANAGEMENT FACILITIES THAT ARE IDENTIFIED IN THE SCOPE OF WORK TO FULL FUNCTIONALITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES OR PENALTIES ASSESSED TO THE OWNER FOR FAILURE TO MAINTAIN STORM WATER MANAGEMENT FACILITIES DURING THE CONTRACT PERIOD.
- THE CONTRACTOR SHALL PREVENT SEDIMENT, DEBRIS AND ALL OTHER POLLUTANTS FROM EXITING THE SITE OR ENTERING THE STORM SEWER SYSTEM DURING ALL DEMOLITION OR CONSTRUCTION OPERATIONS THAT ARE PART OF THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES OR PENALTIES ASSESSED TO THE OWNER RELATING TO THESE REQUIREMENTS DURING THEIR CONTRACTED COURSE OF WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO PREVENT ANY IMPACTS TO ADJACENT WATERWAYS, WETLANDS, OR OTHER ENVIRONMENTALLY SENSITIVE AREAS RESULTING FROM WORK DONE AS PART OF THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES OR PENALTIES ASSESSED TO THE OWNER RELATING TO THESE REQUIREMENTS DURING THEIR CONTRACTED COURSE OF WORK.
- THE CONTRACTOR AND OR THEIR AUTHORIZED AGENTS SHALL INSURE THAT ALL LOADS OF CONSTRUCTION MATERIAL IMPORTED TO OR EXPORTED FROM THE PROJECT SITE SHALL BE PROPERLY COVERED TO PREVENT LOSS OF MATERIAL DURING TRANSPORT. TRANSPORTATION METHODS ON PUBLIC RIGHT-OF-WAYS SHALL CONFORM TO JURISDICTIONAL REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES OR PENALTIES ASSESSED TO THE OWNER RELATING TO THESE REQUIREMENTS.
- THE CLEANING OF EQUIPMENT IS PROHIBITED AT THE JOB SITE UNLESS AUTHORIZED BY THE OWNER'S REPRESENTATIVE IN A DESIGNATED AREA. THE DISCHARGE OF WATER, WASTE CONCRETE, POLLUTANTS, OR OTHER MATERIALS SHALL ONLY OCCUR IN AREAS DESIGNED FOR SUCH USE AND APPROVED BY THE OWNER'S REPRESENTATIVE.

Prepared For

ESX MANAGEMENT  
7353 SOUTH ALTON WAY  
CENTENNIAL, CO 80112

Land Planning



pcs group inc. www.pcsgroupco.com  
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1007 16th street, denver co 80265  
1.303.531.4905, f.303.531.4908

Engineering



10333 E. DRY CREEK RD. #240  
ENGLEWOOD, CO 80112  
720-482-9526

TRAILS AT CROWFOOT  
FILING NO. 9  
PARKER, COLORADO  
LANDSCAPE PLANS

### REVISION NOTES

AS1 DESCRIPTION	
1. TREES AND SEED FROM FILING 1 HAVE BEEN ADDED TO FILING 9 ON THE EASTERN SIDE OF BAYOU GULCH ROAD HEADED NORTH TO THE INTERSECTION AT CROWFOOT VALLEY ROAD. LANDSCAPE ALONG THE SOUTHERN PORTION OF THE TREE LAWN FROM THE INTERSECTION OF N. PINERY PARKWAY AND BAYOU GULCH ROAD HAS BEEN ADDED FROM FILING 9 DUE TO IRRIGATION COMING FROM FIP PC. LANDSCAPE SOUTH OF WALK TO BE ADDED AT TIME OF FILING 9.	

Drawn by: JWI, BEM, GG  
Checked by: PCS STAFF  
Submittal Date: 12.08.2017  
Date: 01.26.2017

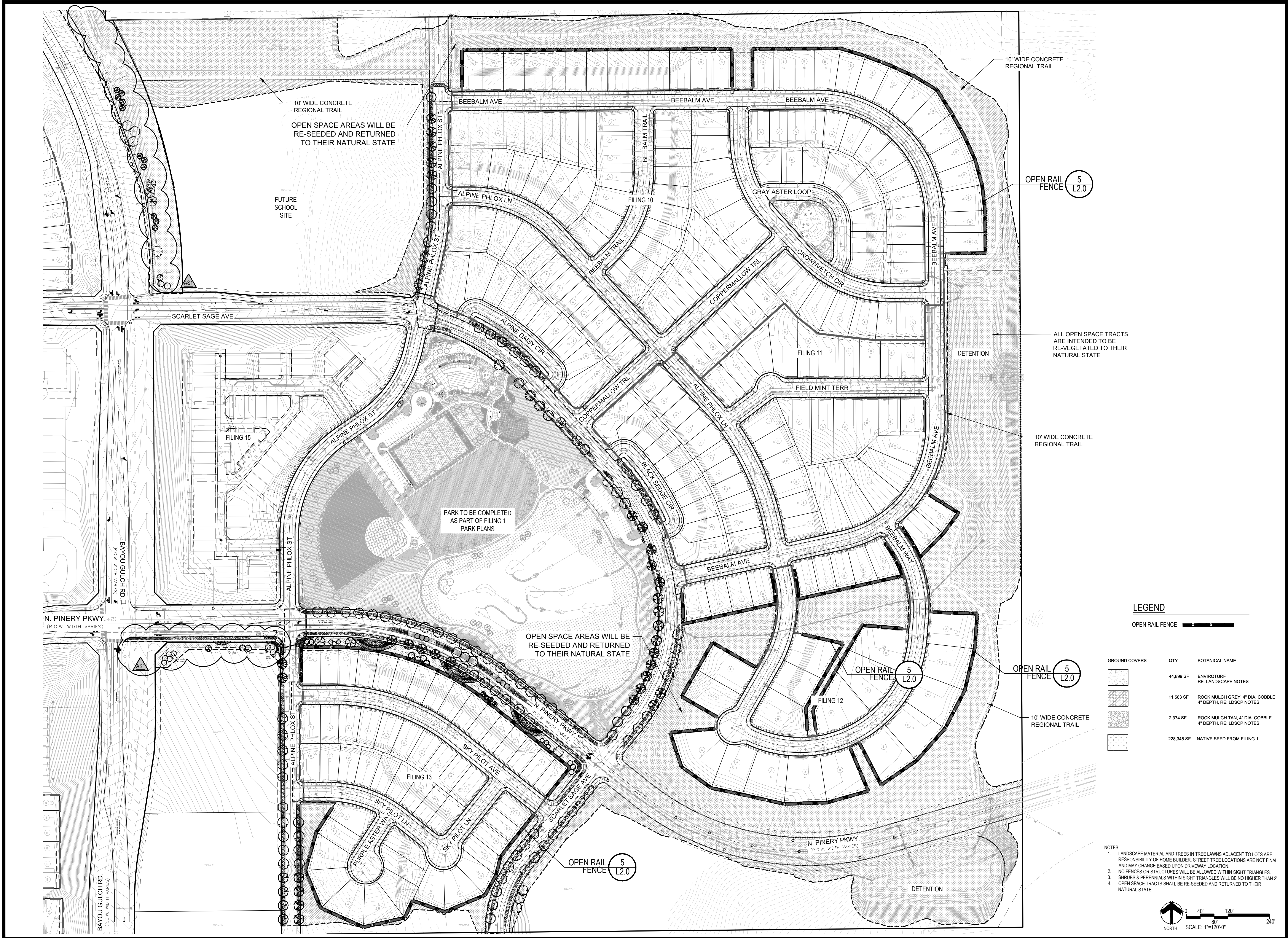
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04.6.2018  
08.10.2018  
02.26.2020  
05.27.2022

Sheet Name  
LANDSCAPE COVER SHEET

Sheet Number

L0.0





Prepared For  
 E5X MANAGEMENT  
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 CENTENNIAL, CO 80112

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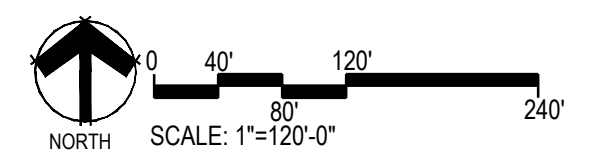
Engineering  
  
 10333 E. DRY CREEK RD. #240  
 ENGLEWOOD, CO 80112  
 720-482-9526

**TRAILS AT CROWFOOT**  
**FILING NO. 9**  
 PARKER, COLORADO  
**LANDSCAPE PLANS**

**LEGEND**

GROUND COVERS	QTY	BOTANICAL NAME
	44,899 SF	ENVIROTURF RE: LANDSCAPE NOTES
	11,583 SF	ROCK MULCH GREY, 4" DIA. COBBLE 4" DEPTH, RE: LDSCP NOTES
	2,374 SF	ROCK MULCH TAN, 4" DIA. COBBLE 4" DEPTH, RE: LDSCP NOTES
	228,348 SF	NATIVE SEED FROM FILING 1

- NOTES:
- LANDSCAPE MATERIAL AND TREES IN TREE LAWNS ADJACENT TO LOTS ARE RESPONSIBILITY OF HOME BUILDER. STREET TREE LOCATIONS ARE NOT FINAL AND MAY CHANGE BASED UPON DRIVEWAY LOCATION.
  - NO FENCES OR STRUCTURES WILL BE ALLOWED WITHIN SIGHT TRIANGLES.
  - SHRUBS & PERENNIALS WITHIN SIGHT TRIANGLES WILL BE NO HIGHER THAN 2'
  - OPEN SPACE TRACTS SHALL BE RE-SEEDDED AND RETURNED TO THEIR NATURAL STATE.



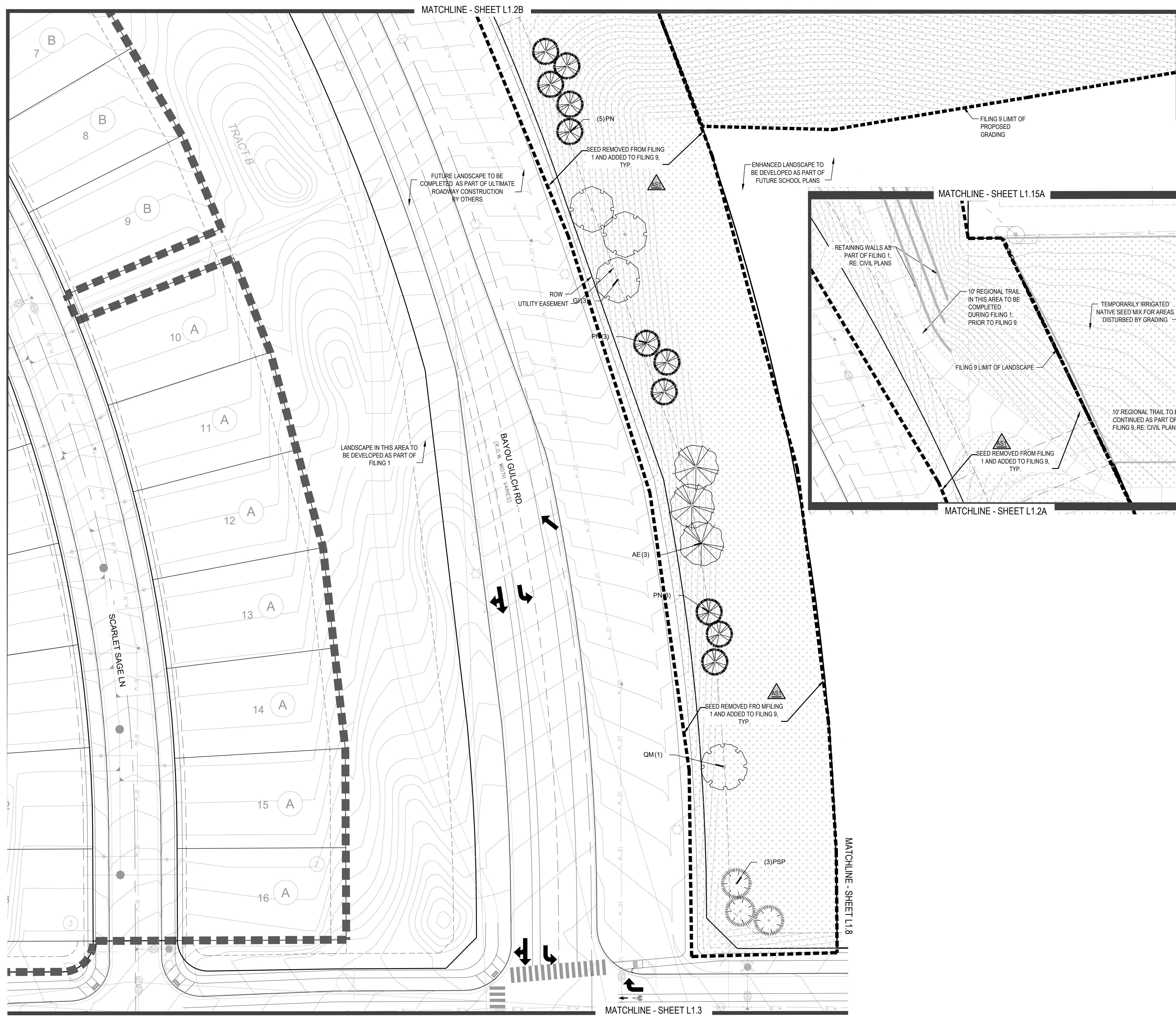
**REVISION NOTES**

AS1 DESCRIPTION	DATE
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Drawn by: JWI, BEM, GG  
 Checked by: PCS STAFF  
 Submittal Date: 12.08.2017  
 Date: 01.26.2017  
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 02.20.2018  
 04.6.2018  
 08.10.2018  
 02.26.2020  
 05.27.2022

Sheet Name  
**OVERALL LANDSCAPE PLAN**

Sheet Number  
**L1.1**



**PLANT & GROUND COVER LIST**

DECIDUOUS TREES	COMMON NAME
UP	AMERICAN ELM
OV	AMERICAN HORNBEAM
PO	AMERICAN SYCAMORE
QM	BURR OAK
QM2	CHINKAPIN OAK
HAC	COMMON HACKBERRY
AE	EMERALD QUEEN MAPLE
TG2	GLENLEVEN LITTLELEAF LINDEN
TG	GREENSPIRE LITTLELEAF LINDEN
OC	HERITAGE OAK
GI	IMPERIAL HONEYLOCUST
GK	KENTUCKY COFFEE TREE
QR	RED OAK
RAL	REDMOND AMERICAN LINDEN
AS	SCHWEDLER MAPLE

EVERGREEN TREES	COMMON NAME
PN	AUSTRIAN BLACK PINE
PSP	LIMBER PINE
VAN	VANDERWOLF'S PYRAMID PINE

ORNAMENTAL TREES	COMMON NAME
AH	HOT WINGS TATARIAN MAPLE
AG2	ROCKY MOUNTAIN MAPLE

ORNAMENTAL GRASSES	COMMON NAME
CK	FEATHER REED GRASS
PB2	LITTLE BUNNY FOUNTAIN GRASS
MY	YAKU JIMA DWARF MAIDEN GRASS

DECIDUOUS SHRUBS	COMMON NAME
AG	'AUTUMN BRILLIANCE' SERVICEBERRY
SCH	PAWNEE BUTTES SAND CHERRY
CB	RED TWIG DOGWOOD
PS2	ROCKY MOUNTAIN PENSTEMON
PA	RUSSIAN SAGE
SSB	SASKATOON SERVICEBERRY
RW	WHITE MEIDLAND ROSE

EVERGREEN SHRUBS	COMMON NAME
JB	BLUE CHIP JUNIPER
BJU	BUFFALO JUNIPER
AC	MANZANITA
PS	MUGO PINE

GROUND COVERS	COMMON NAME
[Pattern]	ENVIROTURF
[Pattern]	ROCK MULCH GREY, 4" DIA. COBBLE
[Pattern]	ROCK MULCH TAN, 4" DIA. COBBLE
[Pattern]	TEMPORARILY IRRIGATED NATIVE SEED MIX

Prepared For  
**E5X MANAGEMENT**  
 7353 SOUTH ALTON WAY  
 CENTENNIAL, CO 80112

Land Planning  
  
 pcs group inc. www.pcsgr.com  
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Engineering  
  
 10333 E. DRY CREEK RD. #240  
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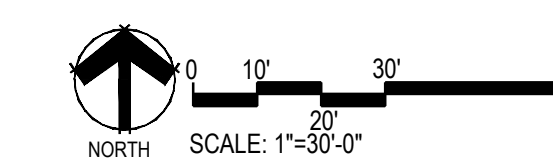
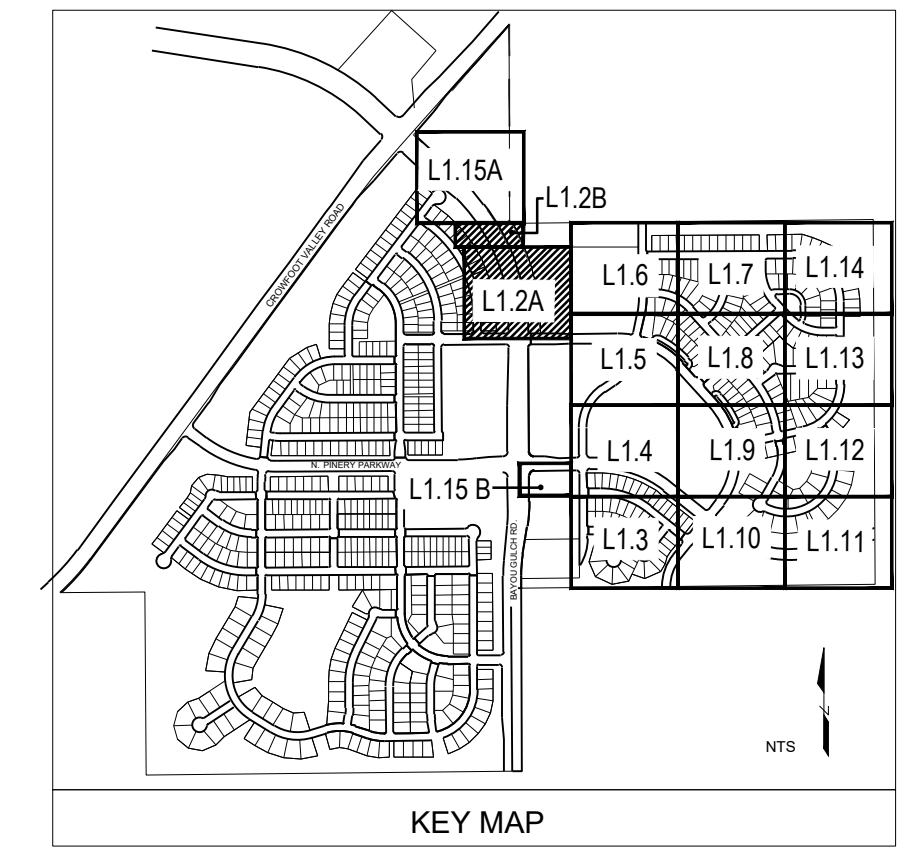
**TRAILS AT CROWFOOT**  
 FILING NO. 9  
 PARKER, COLORADO  
 LANDSCAPE PLANS

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Drawn by: JWI, BEM, GG  
 Checked by: PCS STAFF  
 Submittal Date: 12.08.2017  
 Date: 01.26.2017  
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 02.20.2018  
 04.6.2018  
 08.10.2018  
 02.26.2020  
 05.27.2022

Sheet Name  
**LANDSCAPE PLAN**

Sheet Number  
**L1.2**



PLANT & GROUND COVER LIST

DECIDUOUS TREES	COMMON NAME
UP	AMERICAN ELM
OV	AMERICAN HORNBEAM
PO	AMERICAN SYCAMORE
OM	BURR OAK
QM2	CHINKAPIN OAK
HAC	COMMON HACKBERRY
AE	EMERALD QUEEN MAPLE
TG2	GLENLEVEN LITTLELEAF LINDEN
TG	GREENSPIRE LITTLELEAF LINDEN
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ORNAMENTAL TREES	COMMON NAME
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BLJ	BUFFALO JUNIPER
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GROUND COVERS	COMMON NAME
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[Pattern]	TEMPORARILY IRRIGATED NATIVE SEED MIX

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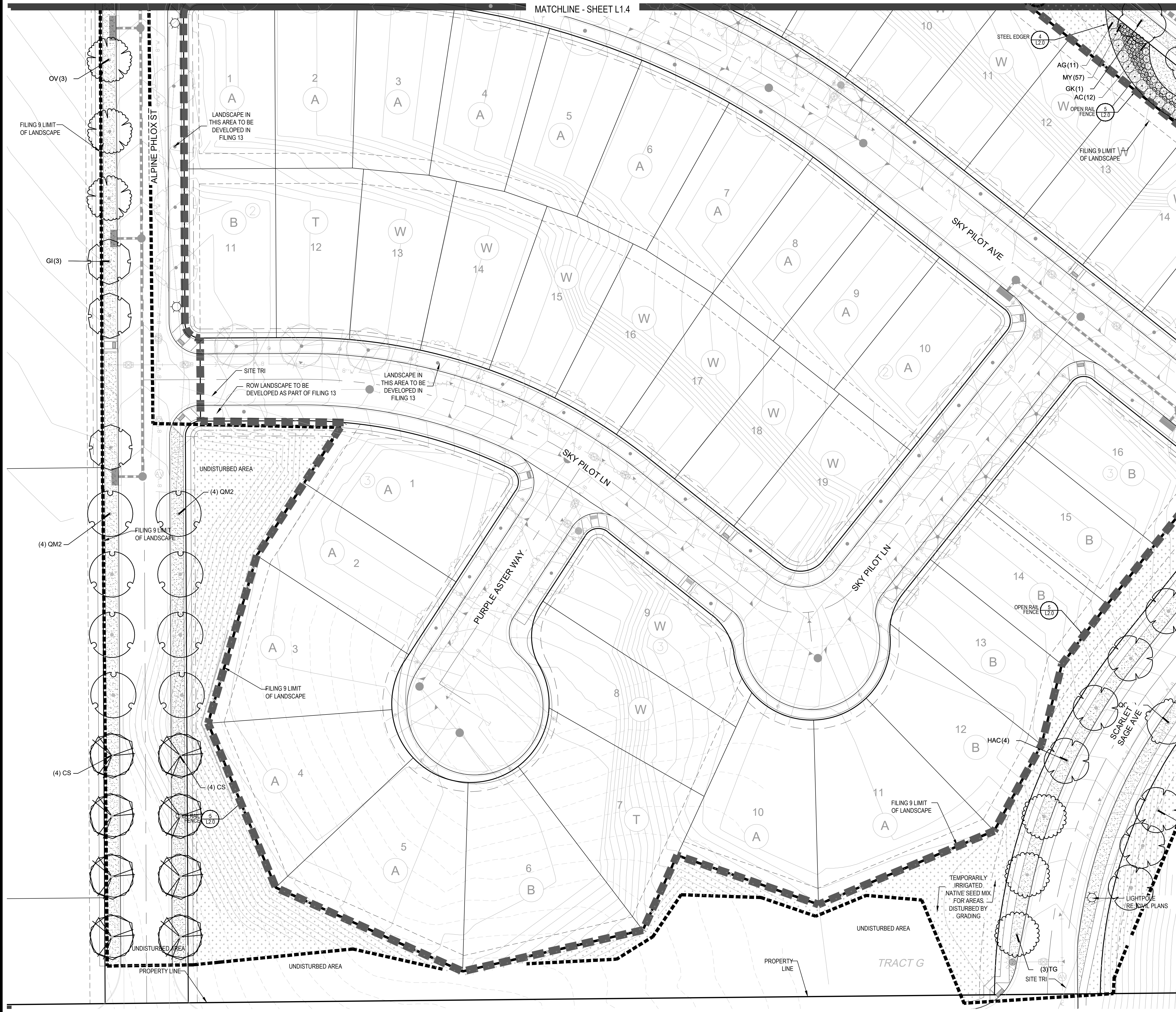
REVISION NOTES

AS1 DESCRIPTION	DATE
1. TREES AND SEED FROM FILING 1 HAVE BEEN ADDED TO FILING 9 ON THE EASTERN SIDE OF BAYOU GULCH ROAD HEADED NORTH TO THE INTERSECTION AT CROWFOOT VALLEY ROAD. LANDSCAPE ALONG THE SOUTHERN PORTION OF THE TREE LAWN FROM THE INTERSECTION OF N. PINERY PARKWAY AND BAYOU GULCH ROAD HAS BEEN ADDED FROM FILING 9 DUE TO IRRIGATION COMING FROM FILING 9. LANDSCAPE SOUTH OF WALK TO BE ADDED AT TIME OF FILING 9.	05.27.2022

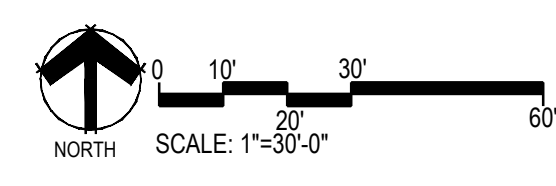
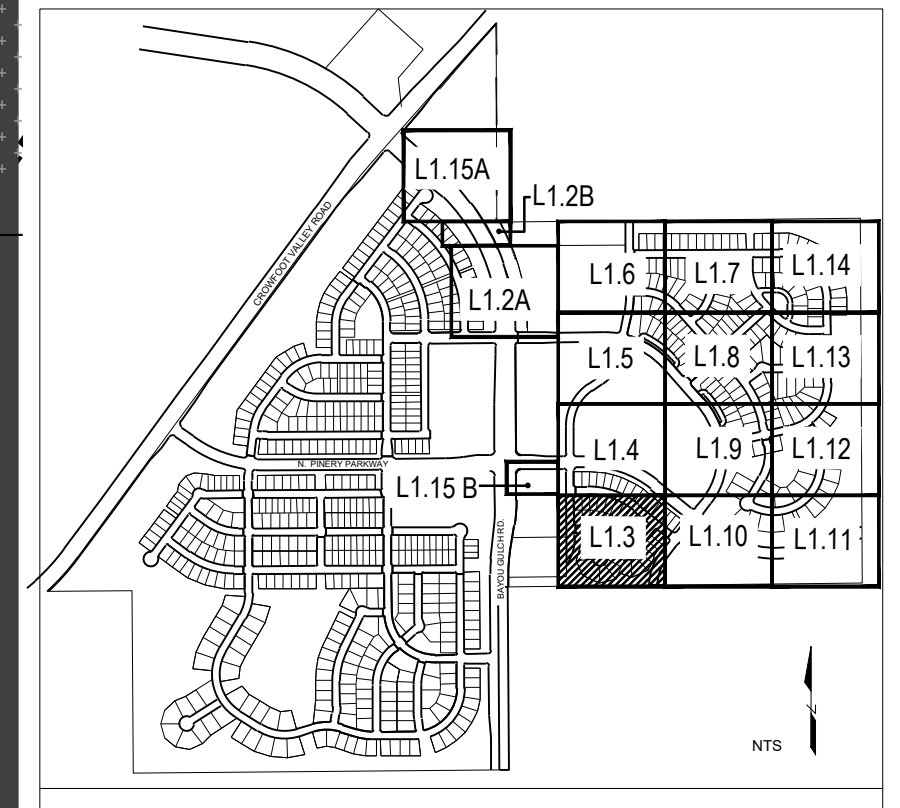
Drawn by: JWI, BEM, GG  
 Checked by: PCS STAFF  
 Submittal Date: 12.08.2017  
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 02.20.2018  
 04.6.2018  
 08.10.2018  
 02.26.2020  
 05.27.2022

Sheet Name  
**LANDSCAPE PLAN**

Sheet Number  
**L1.3**



- NOTES:
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  - NO FENCES OR STRUCTURES WILL BE ALLOWED WITHIN SIGHT TRIANGLES.
  - SHRUBS & PERENNIALS WITHIN SIGHT TRIANGLES WILL BE NO HIGHER THAN 2'



Y:\NESS RANCH\LANDSCAPE\_ARCHITECTURE\CURRENT DWG\NESS-LDSGP PLANS - FILING 9-REVISION 1.DWG  
 Tuesday, May 24, 2022

MATCHLINE - SHEET L1.5

PLANT & GROUND COVER LIST

DECIDUOUS TREES	COMMON NAME
UP	AMERICAN ELM
OV	AMERICAN HORNBEAM
PC	AMERICAN SYCAMORE
QM	BURR OAK
QM2	CHINKAPIN OAK
HAC	COMMON HACKBERRY
AE	EMERALD QUEEN MAPLE
TG2	GLENEVEN LITTLELEAF LINDEN
TG	GREENSPIRE LITTLELEAF LINDEN
QC	HERITAGE OAK
GI	IMPERIAL HONEYLOCUST
GK	KENTUCKY COFFEE TREE
QR	RED OAK
RAL	REDMOND AMERICAN LINDEN
AS	SCHWEDLER MAPLE

EVERGREEN TREES	COMMON NAME
PN	AUSTRIAN BLACK PINE
PSP	LIMBER PINE
VAN	VANDERWOLF'S PYRAMID PINE

ORNAMENTAL TREES	COMMON NAME
AH	HOT WINGS TATARIAN MAPLE
AG2	ROCKY MOUNTAIN MAPLE

ORNAMENTAL GRASSES	COMMON NAME
CK	FEATHER REED GRASS
PB2	LITTLE BUNNY FOUNTAIN GRASS
MY	YAKU JIMA DWARF MAIDEN GRASS

DECIDUOUS SHRUBS	COMMON NAME
AG	AUTUMN BRILLIANCE SERVICEBERRY
SCH	PAWNEE BUTTES SAND CHERRY
CB	RED TWIG DOGWOOD
PS2	ROCKY MOUNTAIN PENSTEMON
PA	RUSSIAN SAGE
SSB	SASKATOON SERVICEBERRY
RW	WHITE MEIDLAND ROSE

EVERGREEN SHRUBS	COMMON NAME
JB	BLUE CHIP JUNIPER
BUJ	BUFFALO JUNIPER
AC	MANZANITA
PS	MUGO PINE

GROUND COVERS	COMMON NAME
[Pattern]	ENVIROTURF
[Pattern]	ROCK MULCH GREY, 4" DIA. COBBLE
[Pattern]	ROCK MULCH TAN, 4" DIA. COBBLE
[Pattern]	TEMPORARILY IRRIGATED NATIVE SEED MIX

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Engineering  
CVL CONSULTANTS  
10333 E. DRY CREEK RD. #240  
ENGLEWOOD, CO 80112  
720-482-9526

TRAILS AT CROWFOOT  
FILING NO. 9  
PARKER, COLORADO  
LANDSCAPE PLANS

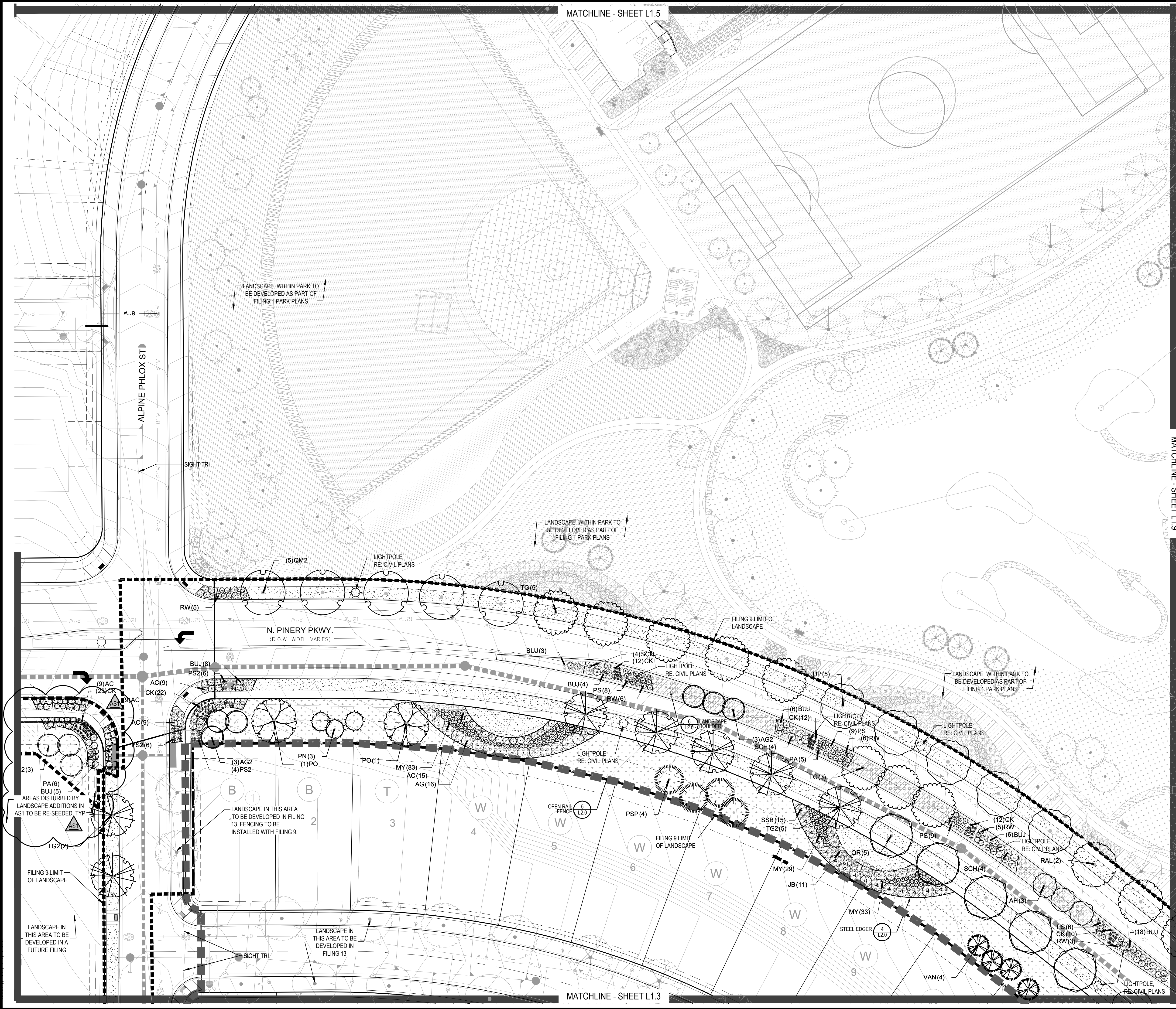
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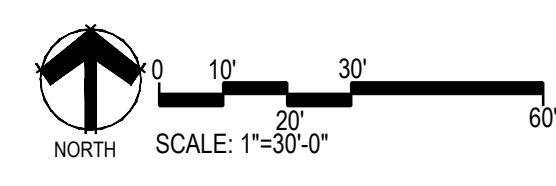
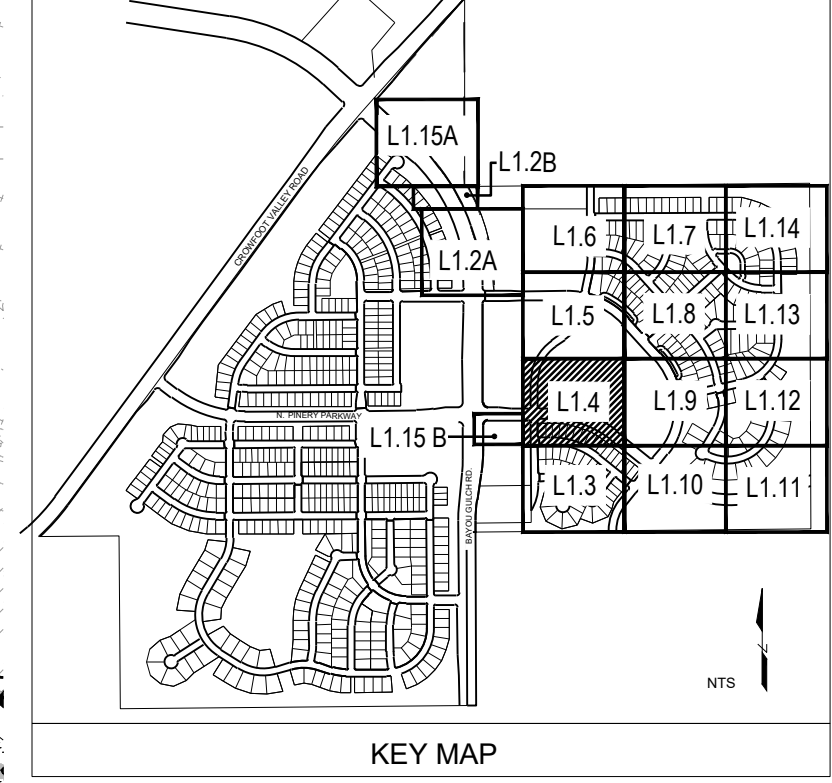
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Checked by:	PCS STAFF
Submittal Date:	12.08.2017
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Call before you dig:	02.20.2018
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Sheet Name  
LANDSCAPE PLAN

Sheet Number  
L1.4



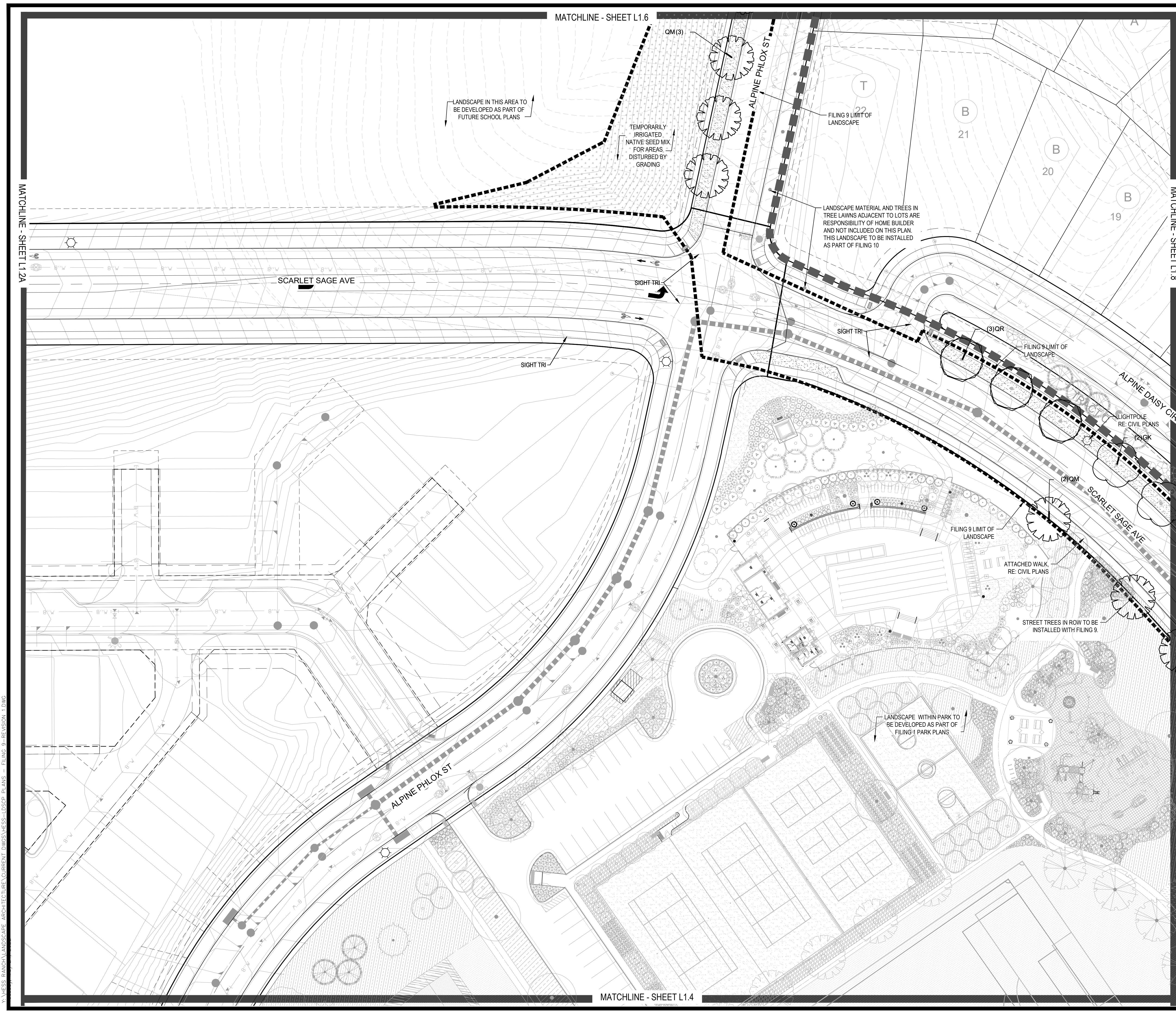
NOTES:



MATCHLINE - SHEET L1.3

MATCHLINE - SHEET L1.9

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**PLANT & GROUND COVER LIST**

DECIDUOUS TREES	COMMON NAME
OV	AMERICAN ELM
PC	AMERICAN HORNBEAM
QM	AMERICAN SYCAMORE
QM2	BURR OAK
HAC	CHINKAPIN OAK
AE	COMMON HACKBERRY
TG2	EMERALD QUEEN MAPLE
TG	GLIMMER LITTLELEAF LINDEN
QC	GREENSPINE LITTLELEAF LINDEN
GI	HERITAGE OAK
GK	IMPERIAL HONEYLOCUST
OR	KENTUCKY COFFEE TREE
RAL	RED OAK
AS	REDMOND AMERICAN LINDEN
	SCHWEDLER MAPLE

EVERGREEN TREES	COMMON NAME
PN	AUSTRIAN BLACK PINE
PSP	LIMBER PINE
VAN	VANDERWOLF'S PYRAMID PINE

ORNAMENTAL TREES	COMMON NAME
AH	HOT WINGS TATARIAN MAPLE
AG2	ROCKY MOUNTAIN MAPLE

ORNAMENTAL GRASSES	COMMON NAME
PC2	FEATHER REED GRASS
MY	LITTLE BUNNY FOUNTAIN GRASS
	YAKU JIMA DWARF MAIDEN GRASS

DECIDUOUS SHRUBS	COMMON NAME
AC	AUTUMN BRILLIANCE SERVICEBERRY
SCH	PAWNEE BUTTES SAND CHERRY
CB	RED TWIG DOGWOOD
PS2	ROCKY MOUNTAIN PENSTEMON
PA	RUSSIAN SAGE
SSB	SASKATOON SERVICEBERRY
RW	WHITE MEIDLAND ROSE

EVERGREEN SHRUBS	COMMON NAME
JB	BLUE CHIP JUNIPER
BUJ	BUFFALO JUNIPER
AC	MANZANITA
PS	MUGO PINE

GROUND COVERS	COMMON NAME
	ENVIROTURF
	ROCK MULCH GREY, 4" DIA. COBBLE
	ROCK MULCH TAN, 4" DIA. COBBLE
	TEMPORARILY IRRIGATED NATIVE SEED MIX

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**TRAILS AT CROWFOOT**  
 FILING NO. 9  
 PARKER, COLORADO  
 LANDSCAPE PLANS

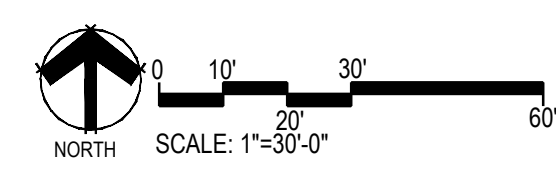
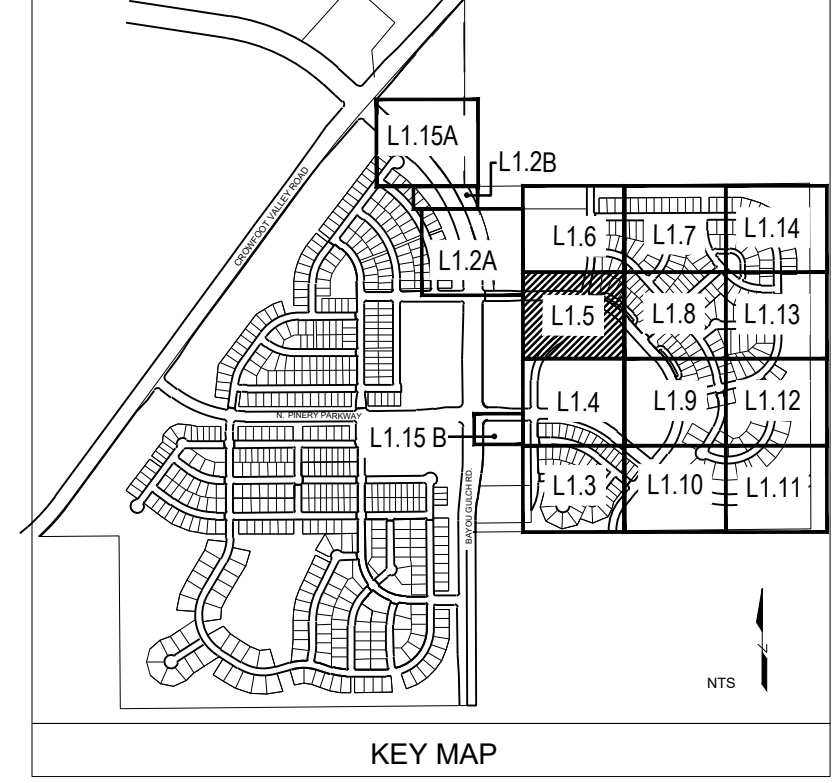
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Sheet Name  
**LANDSCAPE PLAN**

Sheet Number  
**L1.5**

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MATCHLINE - SHEET L1.2A

MATCHLINE - SHEET L1.8

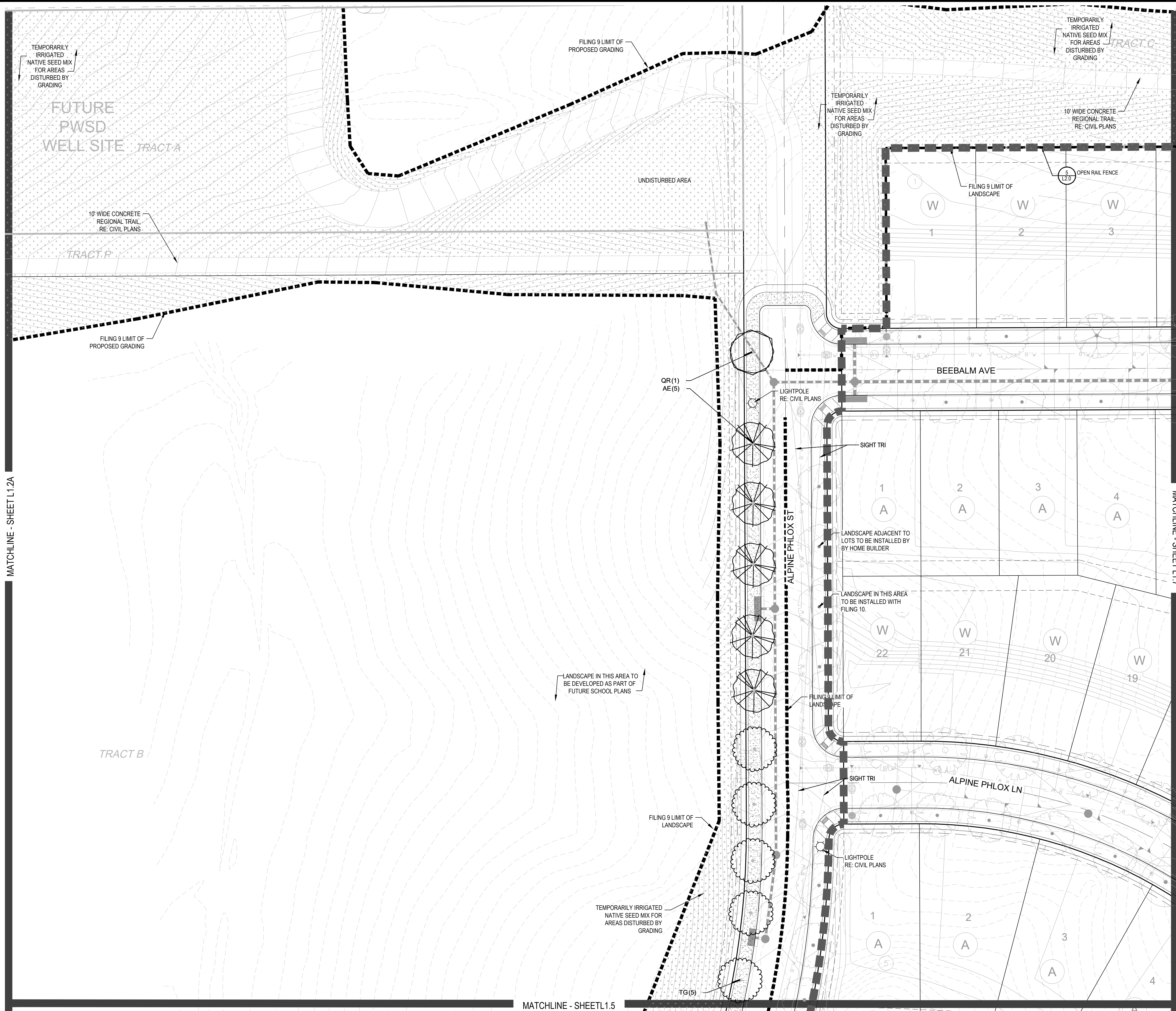
MATCHLINE - SHEET L1.6

MATCHLINE - SHEET L1.4

Y:\HESSE\_RANCH\LANDSCAPE\_ARCHITECTURE\CURRENT\_DWG\HESSE-L1.DWG - FILING 9 - REVISION 1.DWG

Y:\NESS RANCH\LANDSCAPE ARCHITECTURE\CURRENT DWGS\NESS-LDSCP PLANS - FILING 9-REVISION 1.DWG  
Tuesday, May 24, 2022

MATCHLINE - SHEET L1.2A



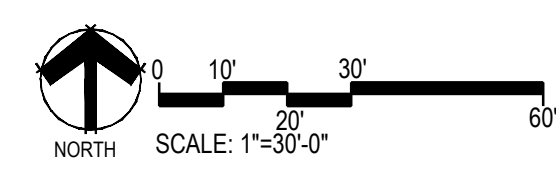
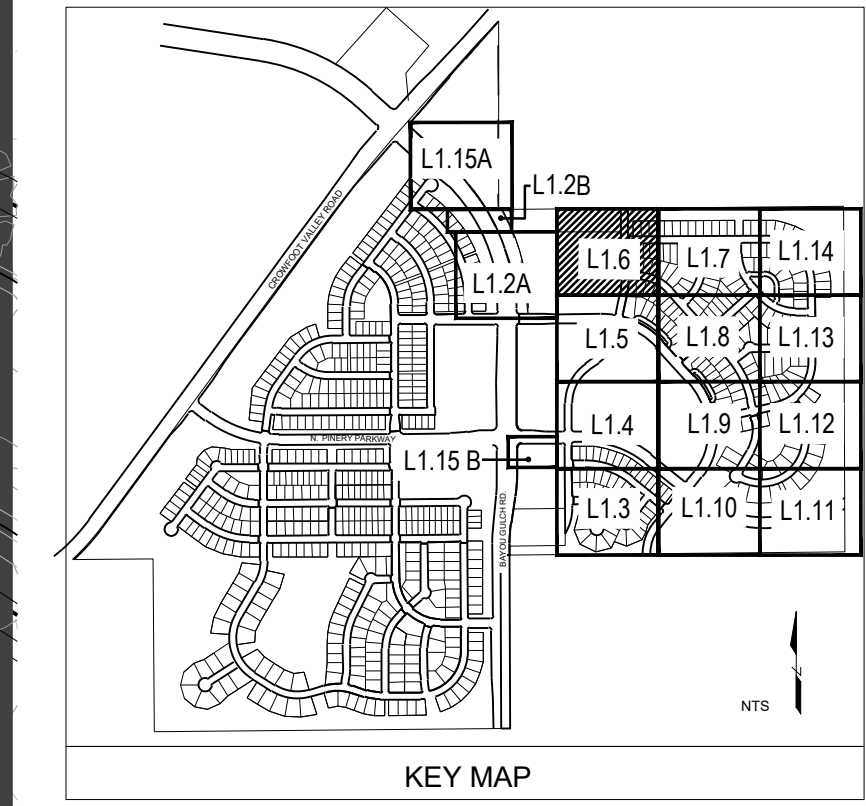
### PLANT & GROUND COVER LIST

COMMON NAME	COMMON NAME
<b>DECIDUOUS TREES</b>	<b>COMMON NAME</b>
UP AMERICAN ELM	AMERICAN ELM
OV AMERICAN HORNBREAM	AMERICAN HORNBREAM
PO AMERICAN SYCAMORE	AMERICAN SYCAMORE
QM BURR OAK	BURR OAK
OM2 CHINKAPIN OAK	CHINKAPIN OAK
HAC COMMON HACKBERRY	COMMON HACKBERRY
AE EMERALD QUEEN MAPLE	EMERALD QUEEN MAPLE
TG2 GLENLEVEN LITTLELEAF LINDEN	GLENLEVEN LITTLELEAF LINDEN
TG GREENSPIRE LITTLELEAF LINDEN	GREENSPIRE LITTLELEAF LINDEN
QC HERITAGE OAK	HERITAGE OAK
GI IMPERIAL HONEYLOCUST	IMPERIAL HONEYLOCUST
GK KENTUCKY COFFEE TREE	KENTUCKY COFFEE TREE
QR RED OAK	RED OAK
RAL REDMOND AMERICAN LINDEN	REDMOND AMERICAN LINDEN
AS SCHWEDLER MAPLE	SCHWEDLER MAPLE
<b>EVERGREEN TREES</b>	<b>COMMON NAME</b>
PN AUSTRIAN BLACK PINE	AUSTRIAN BLACK PINE
PSP LIMBER PINE	LIMBER PINE
VAN VANDERWOLF'S PYRAMID PINE	VANDERWOLF'S PYRAMID PINE
<b>ORNAMENTAL TREES</b>	<b>COMMON NAME</b>
AH HOT WINGS TATARIAN MAPLE	HOT WINGS TATARIAN MAPLE
AG2 ROCKY MOUNTAIN MAPLE	ROCKY MOUNTAIN MAPLE
<b>ORNAMENTAL GRASSES</b>	<b>COMMON NAME</b>
CK FEATHER REED GRASS	FEATHER REED GRASS
PB2 LITTLE BUNNY FOUNTAIN GRASS	LITTLE BUNNY FOUNTAIN GRASS
MY YAKU JIMA DWARF MAIDEN GRASS	YAKU JIMA DWARF MAIDEN GRASS
<b>DECIDUOUS SHRUBS</b>	<b>COMMON NAME</b>
AG 'AUTUMN BRILLIANCE' SERVICEBERRY	'AUTUMN BRILLIANCE' SERVICEBERRY
SCH PAWNEE BUTTES SAND CHERRY	PAWNEE BUTTES SAND CHERRY
CB RED TWIG DOGWOOD	RED TWIG DOGWOOD
PS2 ROCKY MOUNTAIN PENSTEMON	ROCKY MOUNTAIN PENSTEMON
PA RUSSIAN SAGE	RUSSIAN SAGE
SSB SASKATOON SERVICEBERRY	SASKATOON SERVICEBERRY
RW WHITE MEIDLAND ROSE	WHITE MEIDLAND ROSE
<b>EVERGREEN SHRUBS</b>	<b>COMMON NAME</b>
JB BLUE CHIP JUNIPER	BLUE CHIP JUNIPER
BUJ BUFFALO JUNIPER	BUFFALO JUNIPER
AC MANZANITA	MANZANITA
PS MUGO PINE	MUGO PINE

### GROUND COVERS

COMMON NAME
ENVIROTURF
ROCK MULCH GREY, 4" DIA. COBBLE
ROCK MULCH TAN, 4" DIA. COBBLE
TEMPORARILY IRRIGATED NATIVE SEED MIX

- NOTES:
- LANDSCAPE MATERIAL AND TREES IN TREE LAWNS ADJACENT TO LOTS ARE RESPONSIBILITY OF HOME BUILDER. STREET TREE LOCATIONS ARE NOT FINAL AND MAY CHANGE BASED UPON DRIVEWAY LOCATION.
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**CVL**  
CONSULTANTS  
10333 E. DRY CREEK RD. #240  
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# TRAILS AT CROWFOOT

## FILING NO. 9

PARKER, COLORADO

### LANDSCAPE PLANS

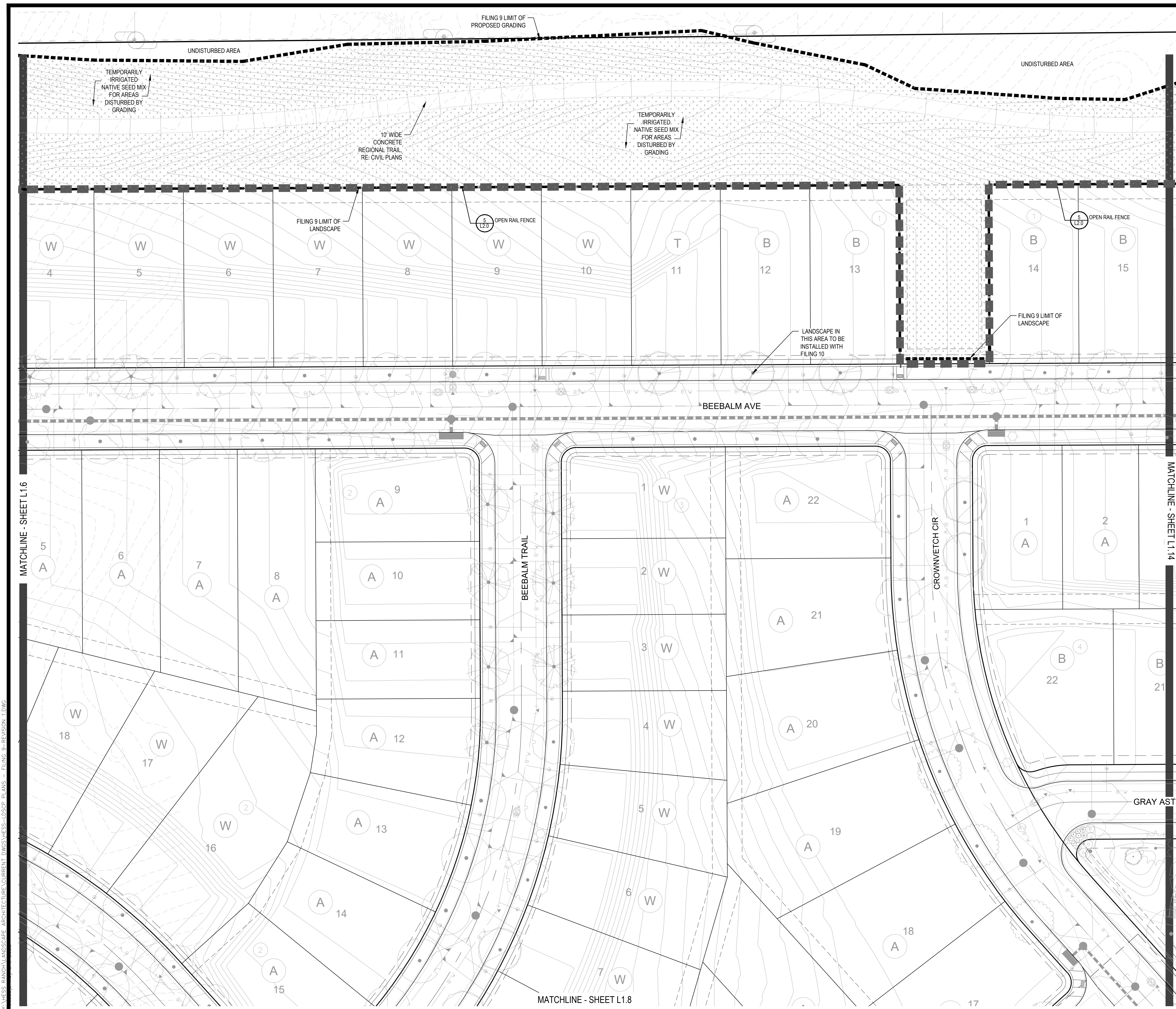
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Sheet Name  
**LANDSCAPE PLAN**

Sheet Number  
**L1.6**



**PLANT & GROUND COVER LIST**

DECIDUOUS TREES	COMMON NAME
OV	AMERICAN ELM
UP	AMERICAN HORNBEEAM
PC	AMERICAN SYCAMORE
QM	BURR OAK
QM2	CHINKAPIN OAK
HAC	COMMON HACKBERRY
AE	EMERALD QUEEN MAPLE
TG2	GLENEVEN LITTLELEAF LINDEN
TG	GREENSPIRE LITTLELEAF LINDEN
QC	HERITAGE OAK
GI	IMPERIAL HONEYLOCUST
GK	KENTUCKY COFFEE TREE
CR	RED OAK
RAL	REDMOND AMERICAN LINDEN
AS	SCHWEDLER MAPLE

EVERGREEN TREES	COMMON NAME
PN	AUSTRIAN BLACK PINE
PSP	LIMBER PINE
VAN	VANDERWOLF'S PYRAMID PINE

ORNAMENTAL TREES	COMMON NAME
AG	HOT WINGS TATARIAN MAPLE
AG2	ROCKY MOUNTAIN MAPLE

ORNAMENTAL GRASSES	COMMON NAME
CR	FEATHER REED GRASS
PB2	LITTLE BUNNY FOUNTAIN GRASS
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 PARKER, COLORADO  
 LANDSCAPE PLANS

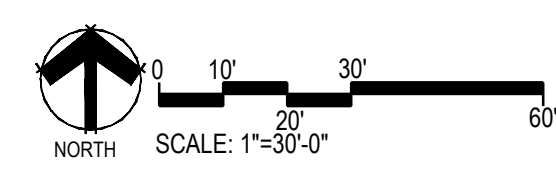
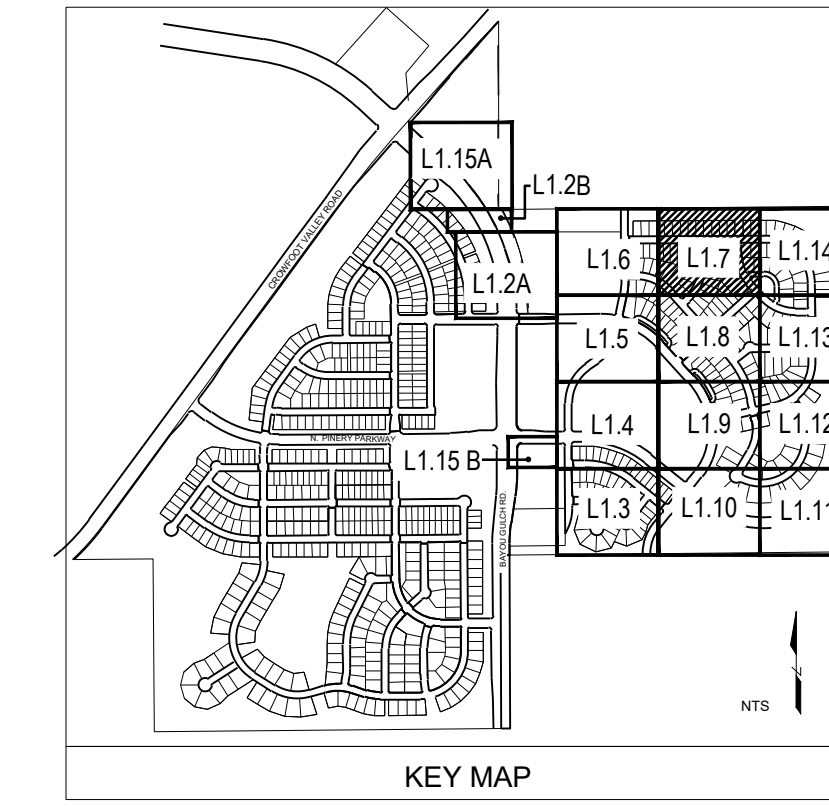
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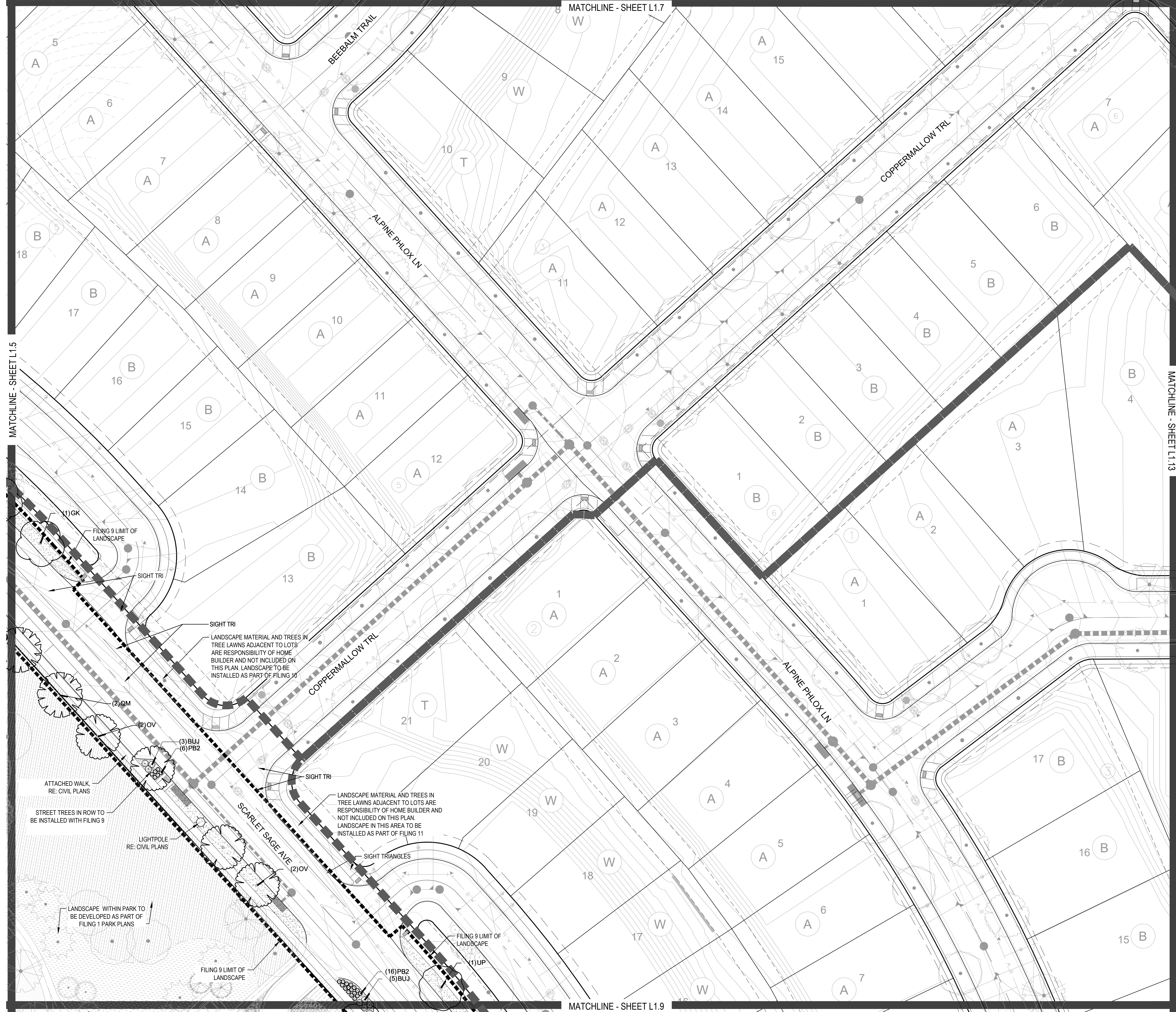
Sheet Name  
**LANDSCAPE PLAN**

Sheet Number  
**L1.7**

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Y:\HESSE\_RANCH\LANDSCAPE\_ARCHITECTURE\CURRENT\_DWG\HESSE\_LDISCP\_PLANS - FILING 9-REVISION 1.DWG



### PLANT & GROUND COVER LIST

DECIDUOUS TREES	COMMON NAME
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OK	AMERICAN SYCAMORE
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QM2	CHINKAPIN OAK
HAC	COMMON HACKBERRY
AE	EMERALD QUEEN MAPLE
TG2	GREEN SPIRE LITTLELEAF LINDEN
TG	HERITAGE OAK
QC	IMPERIAL HONEYLOCUST
GI	KENTUCKY COFFEE TREE
GK	RED OAK
OR	REDMOND AMERICAN LINDEN
RAL	SCHWEDLER MAPLE
AS	

EVERGREEN TREES	COMMON NAME
PI	AUSTRIAN BLACK PINE
PSP	LIMBER PINE
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ORNAMENTAL TREES	COMMON NAME
AH	HOT WINGS TATARIAN MAPLE
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DECIDUOUS SHRUBS	COMMON NAME
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EVERGREEN SHRUBS	COMMON NAME
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GROUND COVERS	COMMON NAME
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# TRAILS AT CROWFOOT

## FILING NO. 9

### PARKER, COLORADO

#### LANDSCAPE PLANS

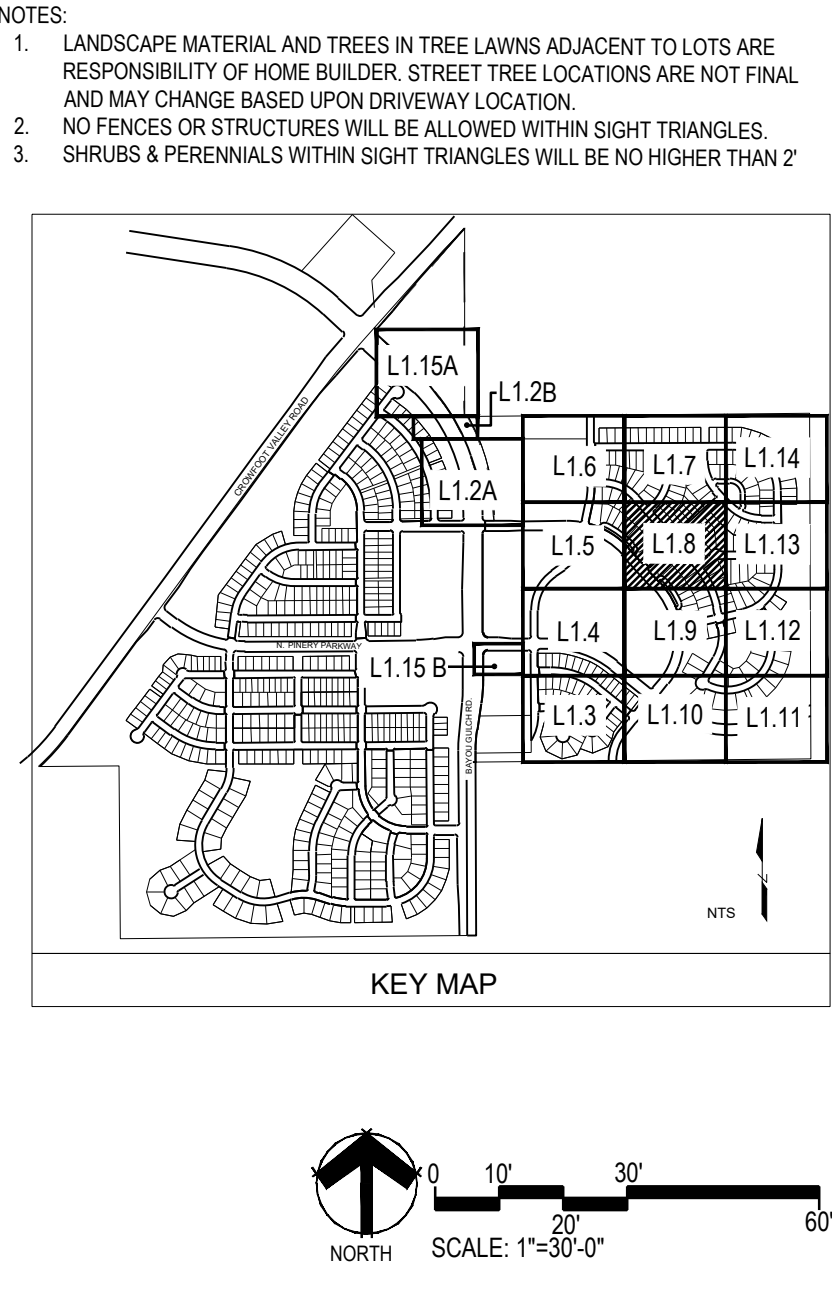
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3. NO FENCES OR STRUCTURES WILL BE ALLOWED WITHIN SIGHT TRIANGLES.	
4. SHRUBS & PERENNIALS WITHIN SIGHT TRIANGLES WILL BE NO HIGHER THAN 2'	

Drawn by: JWI, BEM, GG  
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Sheet Name  
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Sheet Number  
**L1.8**



V. HESS, RANCH LANDSCAPE ARCHITECTURE, CURRENT DSKS, HESS - LDCSP, PLANS - FILING 9 - REVISION 1, DWG

MATCHLINE - SHEET L1.8

14

PLANT & GROUND COVER LIST

DECIDUOUS TREES	COMMON NAME
UP	AMERICAN ELM
OV	AMERICAN HORNBEAM
PC	AMERICAN SYCAMORE
QM	BURR OAK
QM2	CHINKAPIN OAK
HAC	COMMON HACKBERRY
AE	EMERALD QUEEN MAPLE
TG2	GLENN EVERETT LITTLELEAF LINDEN
TC	GREENSPIRE LITTLELEAF LINDEN
QC	HERITAGE OAK
GI	IMPERIAL HONEYLOCUST
GK	KENTUCKY COFFEE TREE
OR	RED OAK
RAL	REDMOND AMERICAN LINDEN
AS	SCHWEDLER MAPLE

EVERGREEN TREES	COMMON NAME
PN	AUSTRIAN BLACK PINE
PSP	LIMBER PINE
VAN	VANDERWOLF'S PYRAMID PINE

ORNAMENTAL TREES	COMMON NAME
AG	AUTUMN BRILLIANCE SERVICEBERRY
AG2	ROCKY MOUNTAIN MAPLE

ORNAMENTAL GRASSES	COMMON NAME
CK	FEATHER REED GRASS
PB2	LITTLE BUNNY FOUNTAIN GRASS
MY	YAKU JIMA DWARF MAIDEN GRASS

DECIDUOUS SHRUBS	COMMON NAME
AG	AUTUMN BRILLIANCE SERVICEBERRY
SCH	PAWNEE BUTTES SAND CHERRY
CB	RED TWIG DOGWOOD
PS2	ROCKY MOUNTAIN PENSTEMON
PA	RUSSIAN SAGE
SSB	SASKATOON SERVICEBERRY
RW	WHITE MEIDLAND ROSE

EVERGREEN SHRUBS	COMMON NAME
JB	BLUE CHIP JUNIPER
BUJ	BUFFALO JUNIPER
AC	MANZANITA
PS	MUGO PINE

GROUND COVERS	COMMON NAME
[Pattern]	ENVIROTURF
[Pattern]	ROCK MULCH GREY, 4" DIA. COBBLE
[Pattern]	ROCK MULCH TAN, 4" DIA. COBBLE
[Pattern]	TEMPORARILY IRRIGATED NATIVE SEED MIX

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TRAILS AT CROWFOOT  
FILING NO. 9  
PARKER, COLORADO  
LANDSCAPE PLANS

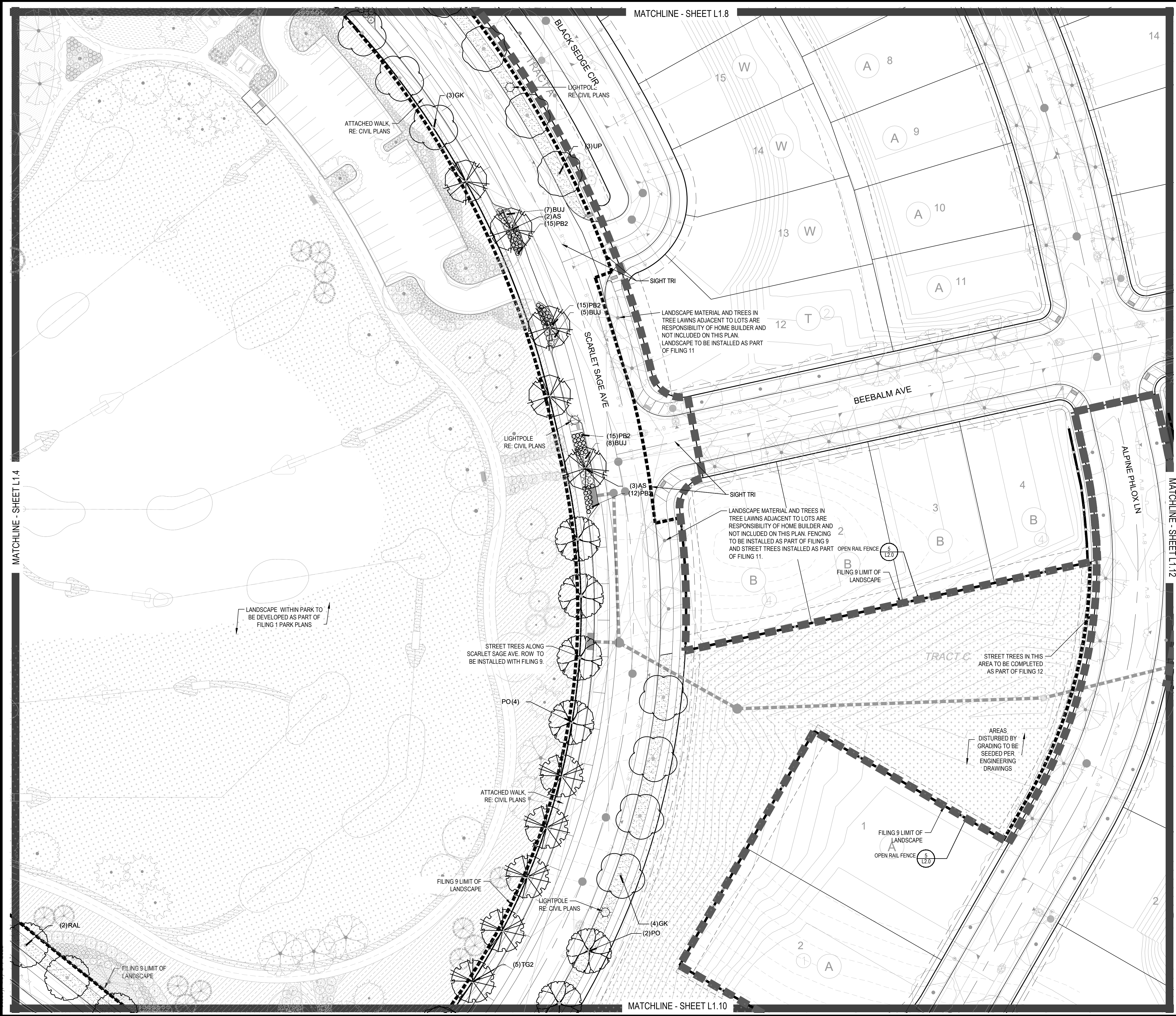
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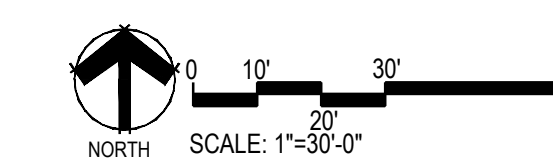
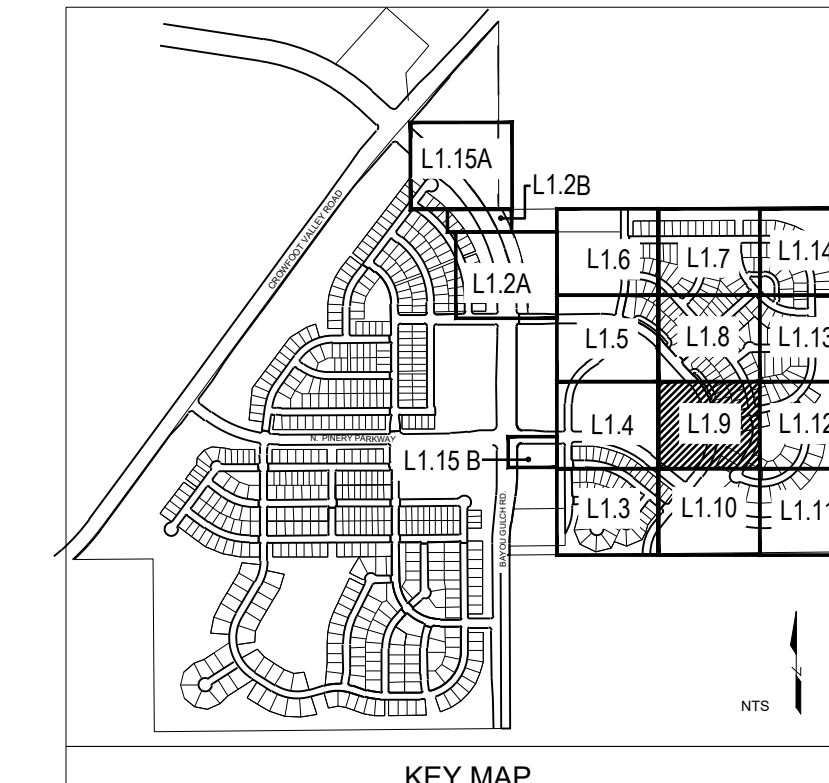
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LANDSCAPE PLAN

Sheet Number  
L1.9



NOTES:

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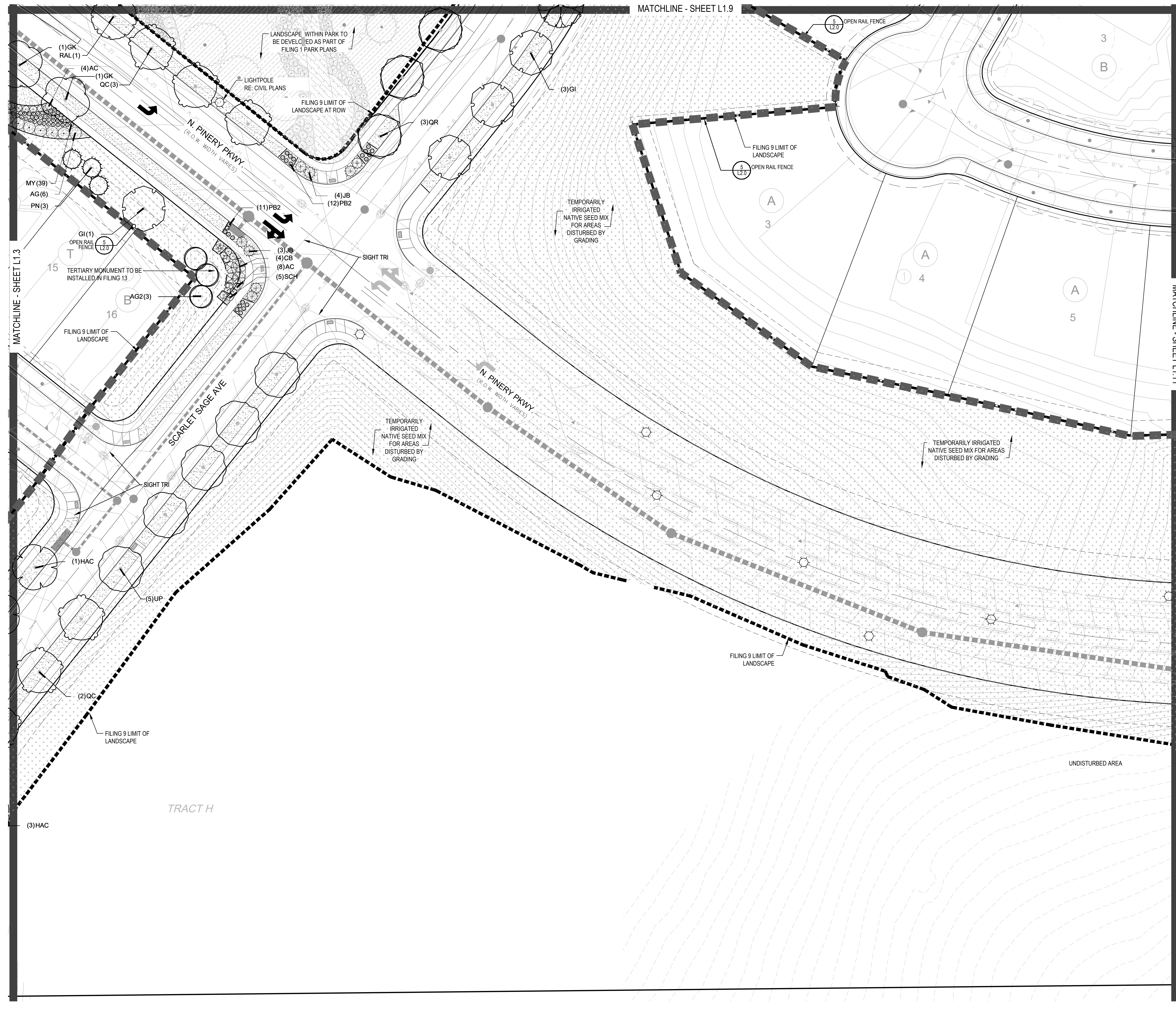


MATCHLINE - SHEET L1.10

MATCHLINE - SHEET L1.12

MATCHLINE - SHEET L1.4

Y:\HESSE RANCH\LANDSCAPE ARCHITECTURE\CURRENT DSKS\HESSE-LEDCO PLANS - FILING 9-REVISION 1.DWG



**PLANT & GROUND COVER LIST**

DECIDUOUS TREES	COMMON NAME
UP	AMERICAN ELM
OV	AMERICAN HORNBEAM
PC	AMERICAN SYCAMORE
QM	BURR OAK
QM2	CHINKAPIN OAK
HAC	COMMON HACKBERRY
AE	EMERALD QUEEN MAPLE
TG2	GLENEVEN LITTLELEAF LINDEN
TG	GREENSPINE LITTLELEAF LINDEN
QC	HERITAGE OAK
GI	IMPERIAL HONEYLOCUST
GK	KENTUCKY COFFEE TREE
QR	RED OAK
RAL	REDMOND AMERICAN LINDEN
AS	SCHWEDLER MAPLE

EVERGREEN TREES	COMMON NAME
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PSP	LIMBER PINE
VAN	VANDERWOLF'S PYRAMID PINE

ORNAMENTAL TREES	COMMON NAME
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ORNAMENTAL GRASSES	COMMON NAME
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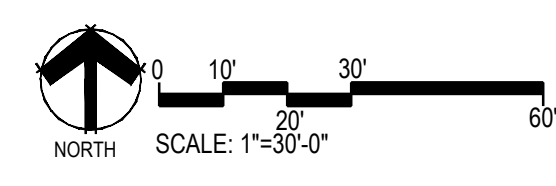
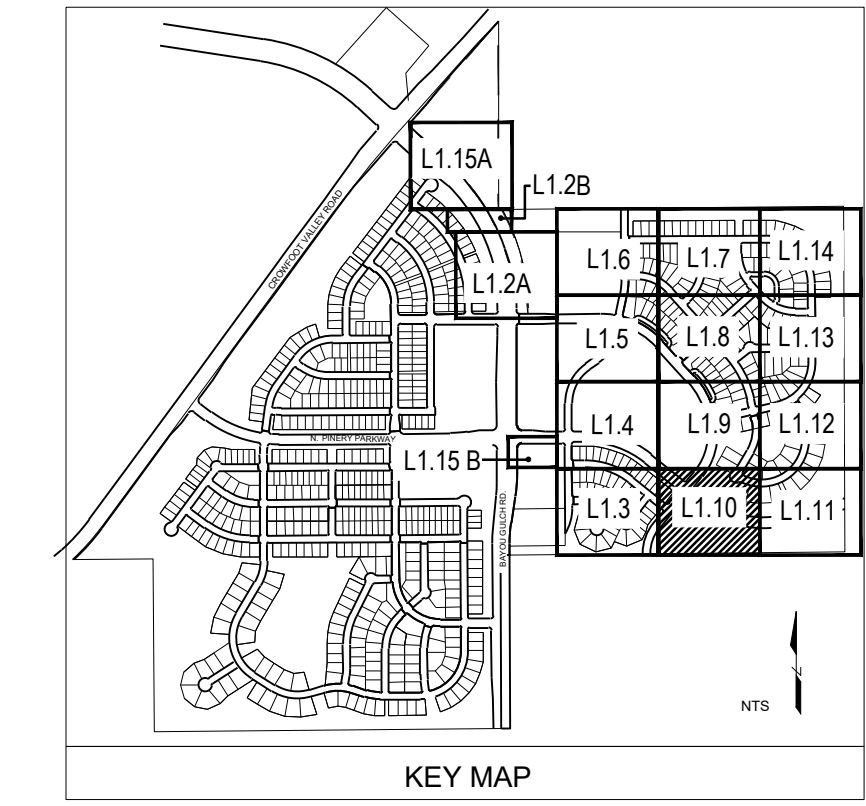
  

EVERGREEN SHRUBS	COMMON NAME
JB	BLUE CHIP JUNIPER
BUJ	BUFFALO JUNIPER
AC	MANZANITA
PS	MUGO PINE

GROUND COVERS	COMMON NAME
[Pattern]	ENVIROTURF
[Pattern]	ROCK MULCH GREY, 4" DIA. COBBLE
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 10333 E. DRY CREEK RD. #240  
 ENGLEWOOD, CO 80112  
 720-482-9526

**TRAILS AT CROWFOOT**  
 FILING NO. 9  
 PARKER, COLORADO  
 LANDSCAPE PLANS

REVISION NOTES

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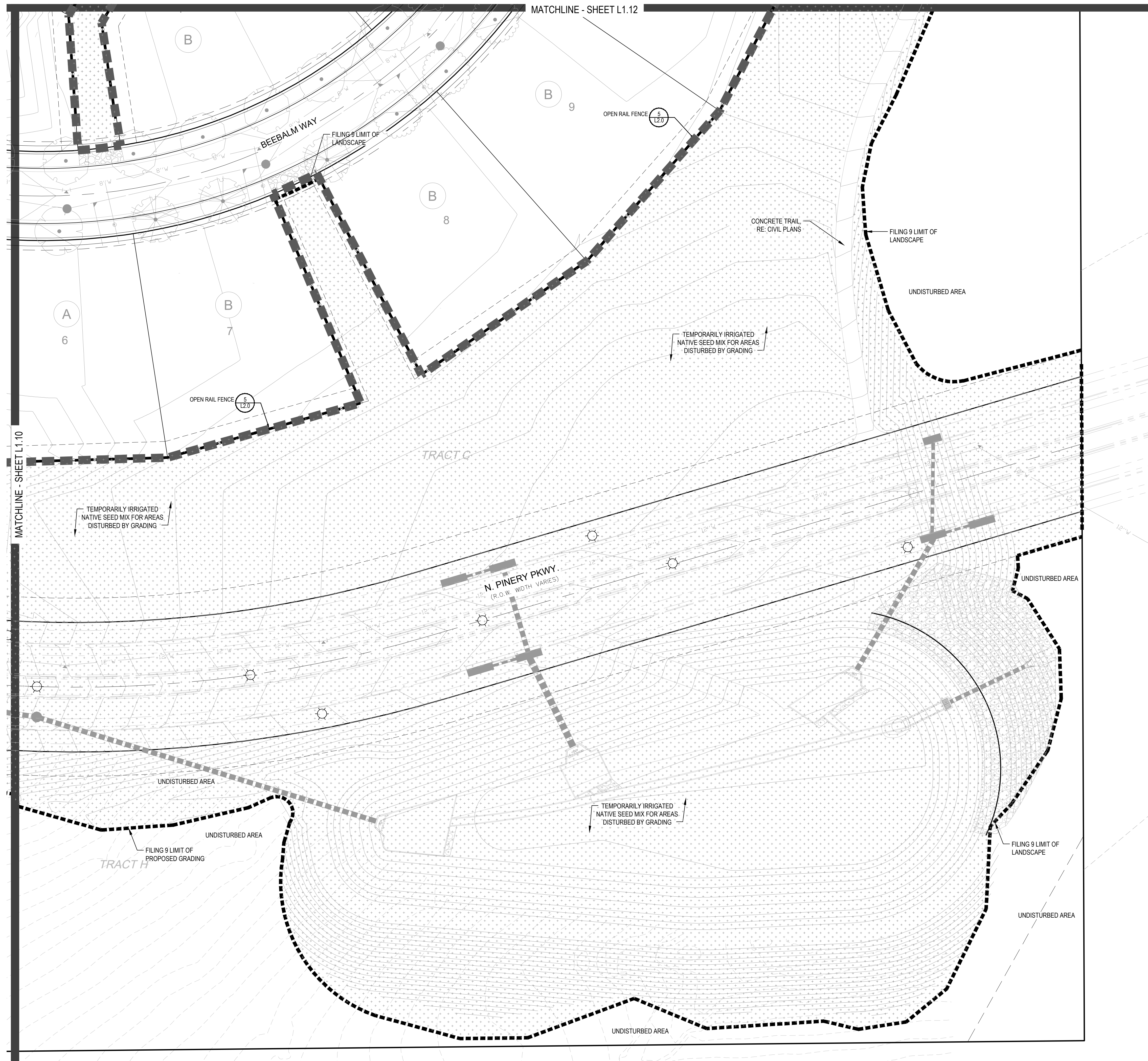
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Y:\HESSE RANCH\LANDSCAPE ARCHITECTURE\CURRENT DWGS\HESSE-1-DESGP PLANS - FILING 9-REVISION 1.DWG



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OV	AMERICAN HORNBEAM
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QM	BURR OAK
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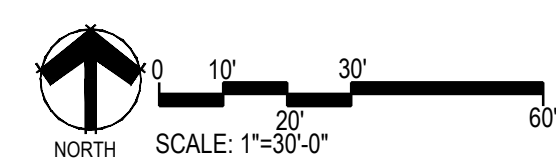
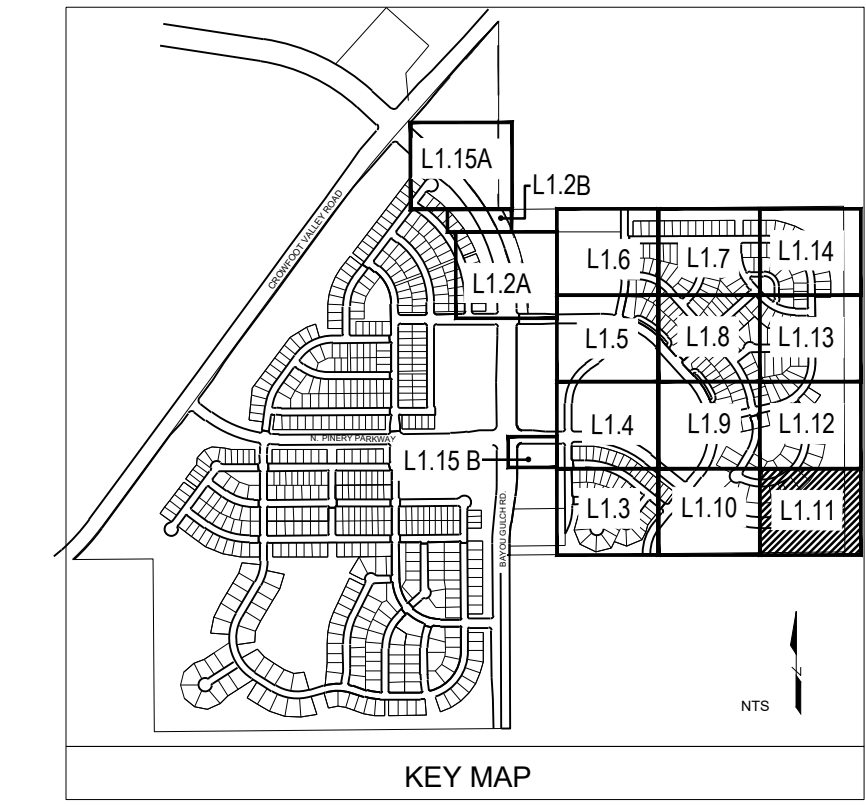
  

EVERGREEN SHRUBS	COMMON NAME
JB	BLUE CHIP JUNIPER
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AC	MANZANITA
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GROUND COVERS	COMMON NAME
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**TRAILS AT CROWFOOT**  
 FILING NO. 9  
 PARKER, COLORADO  
 LANDSCAPE PLANS

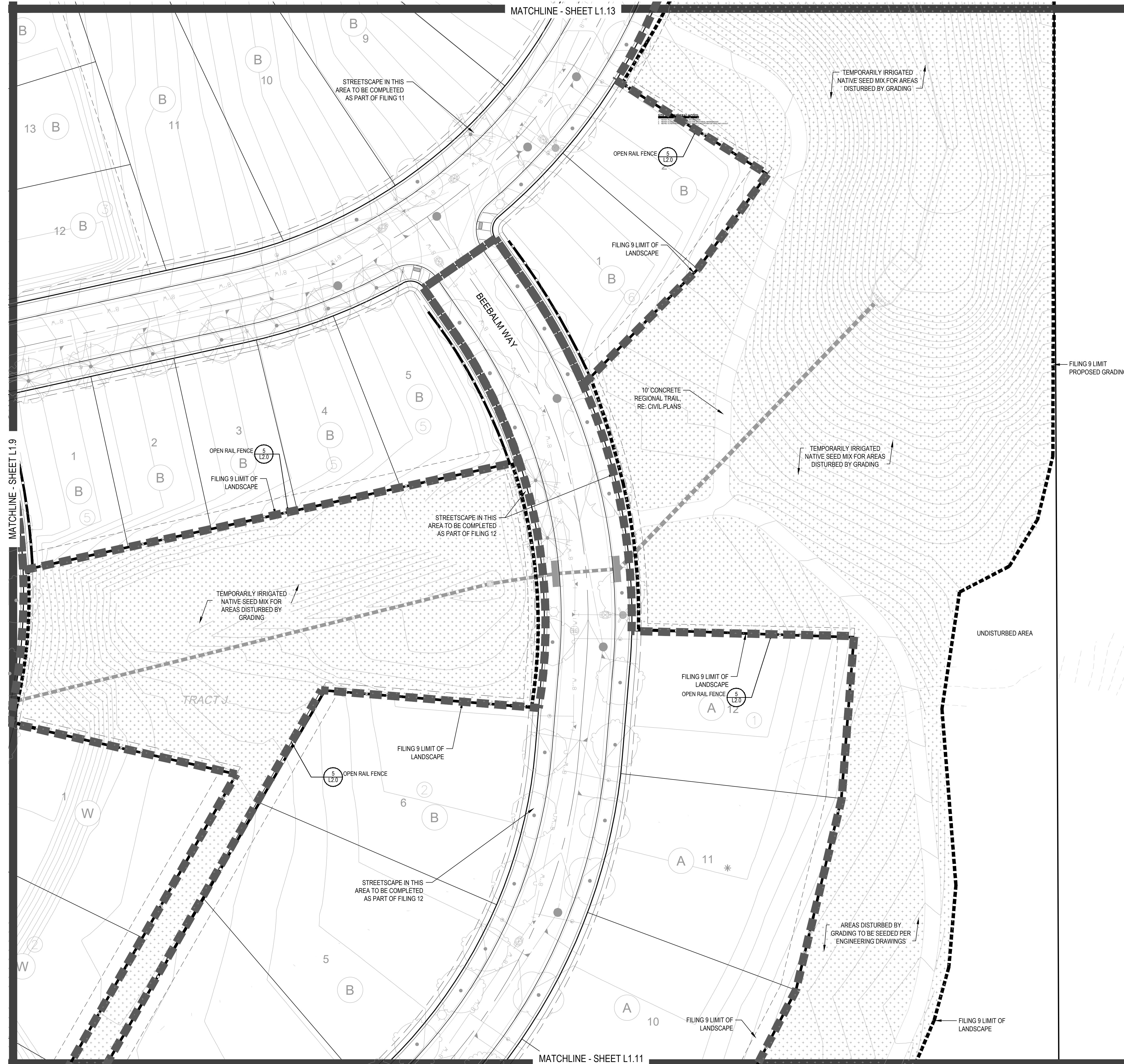
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**L1.11**

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**PLANT & GROUND COVER LIST**

DECIDUOUS TREES	COMMON NAME
UP	AMERICAN ELM
OV	AMERICAN HORNBEAM
PC	AMERICAN SYCAMORE
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QM2	CHINKAPIN OAK
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AG	'AUTUMN BRILLIANCE' SERVICEBERRY
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SSB	SASKATOON SERVICEBERRY
RW	WHITE MEIDLAND ROSE

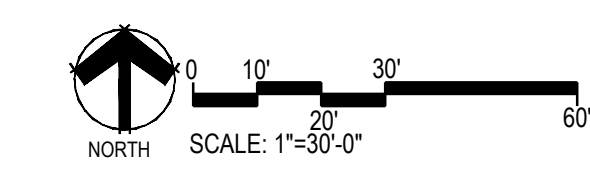
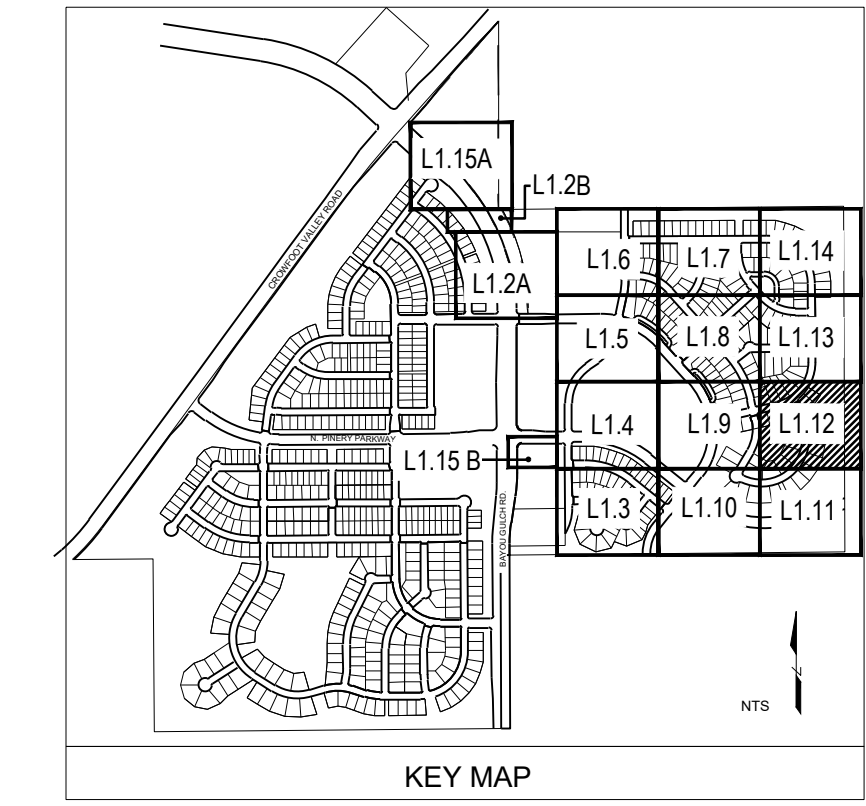
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**TRAILS AT CROWFOOT**  
**FILING NO. 9**  
 PARKER, COLORADO  
**LANDSCAPE PLANS**

**REVISION NOTES**

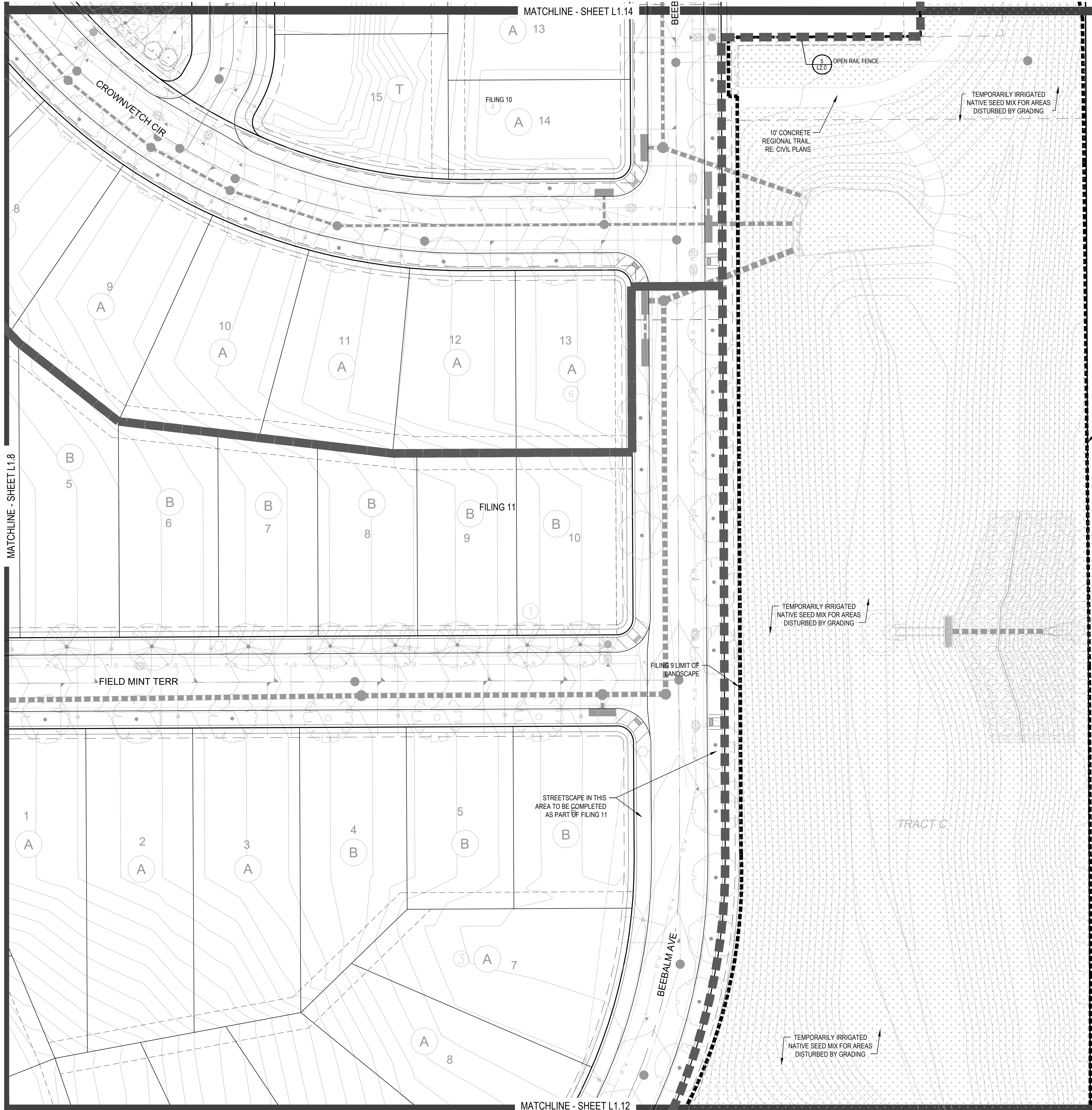
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**L1.12**

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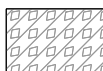
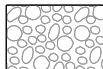
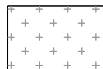
  

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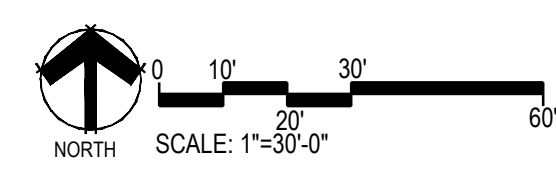
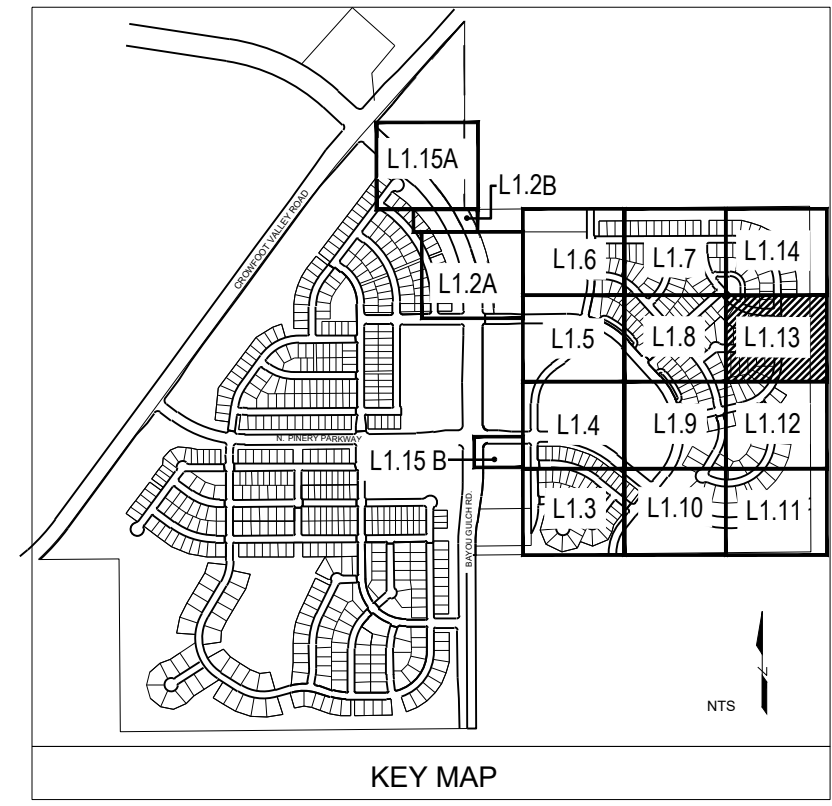
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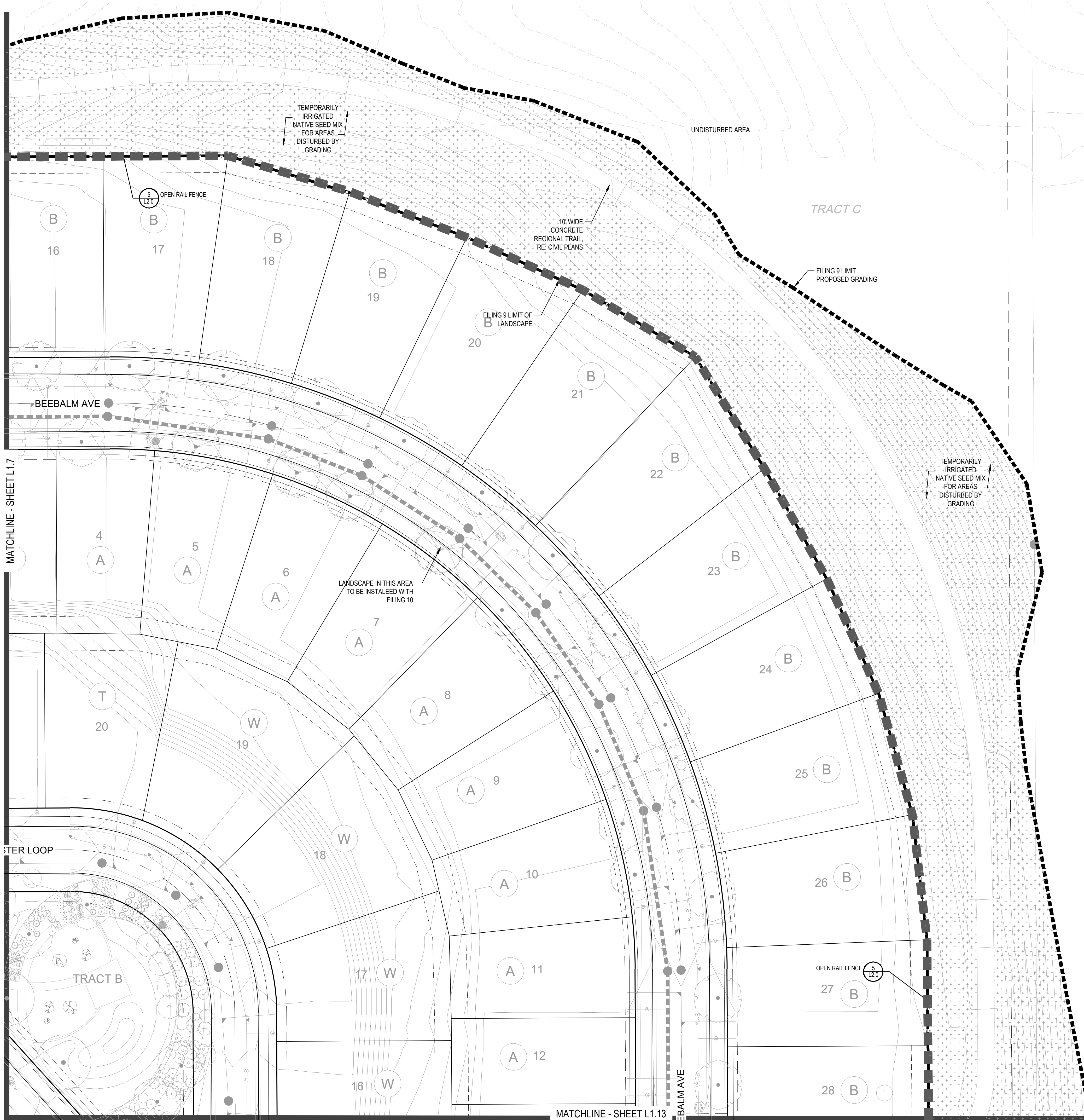
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**L1.13**



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**PLANT & GROUND COVER LIST**

DECIDUOUS TREES	COMMON NAME
UP	AMERICAN ELM
OV	AMERICAN HORNBEAM
PC	AMERICAN SYCAMORE
QM	BURR OAK
QM2	CHINKAPIN OAK
HAC	COMMON HACKBERRY
AE	EMERALD QUEEN MAPLE
TG2	GLENLEVEN LITTLELEAF LINDEN
YG	GREENSPRING LITTLELEAF LINDEN
QC	HERITAGE OAK
GI	IMPERIAL HONEYLOCUST
GK	KENTUCKY COFFEE TREE
OR	RED OAK
RAL	REDMOND AMERICAN LINDEN
AS	SCHWEDLER MAPLE

EVERGREEN TREES	COMMON NAME
PN	AUSTRIAN BLACK PINE
PSP	LIMBER PINE
VAN	VANDERWOLF'S PYRAMID PINE

ORNAMENTAL TREES	COMMON NAME
AH	HOT WINGS TATARIAN MAPLE
AG2	ROCKY MOUNTAIN MAPLE

ORNAMENTAL GRASSES	COMMON NAME
AC	FEATHER REED GRASS
PB2	LITTLE BUNNY FOUNTAIN GRASS
MY	YAKU JIMA DWARF MAIDEN GRASS

DECIDUOUS SHRUBS	COMMON NAME
AG	AUTUMN BRILLIANCE SERVICEBERRY
SCH	PAWNEE BUTTES SAND CHERRY
CB	RED TWIG DOGWOOD
PS2	ROCKY MOUNTAIN PENSTEMON
PA	RUSSIAN SAGE
SSB	SASKATOON SERVICEBERRY
RW	WHITE MEIDLAND ROSE

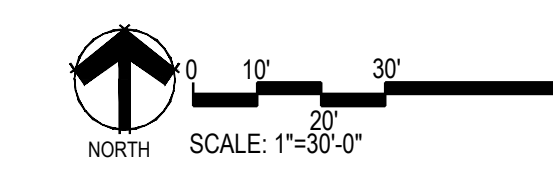
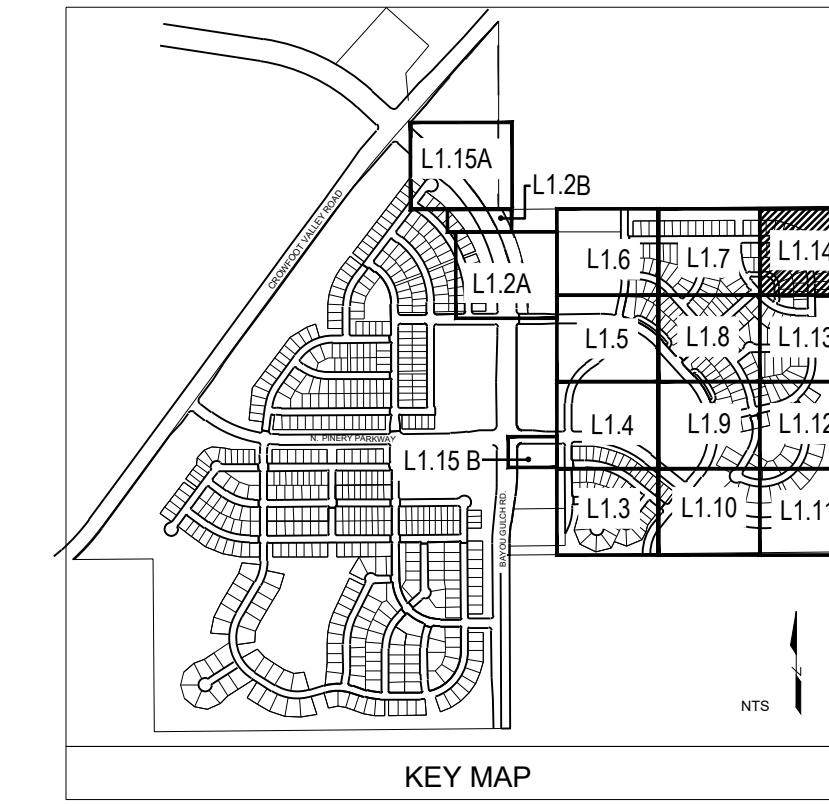
  

EVERGREEN SHRUBS	COMMON NAME
JB	BLUE CHIP JUNIPER
BUJ	BUFFALO JUNIPER
AC	MANZANITA
PS	MUGO PINE

GROUND COVERS	COMMON NAME
[Pattern]	ENVIROTURF
[Pattern]	ROCK MULCH GREY, 4" DIA. COBBLE
[Pattern]	ROCK MULCH TAN, 4" DIA. COBBLE
[Pattern]	TEMPORARILY IRRIGATED NATIVE SEED MIX

- NOTES:
- LANDSCAPE MATERIAL AND TREES IN TREE LAWNS ADJACENT TO LOTS ARE RESPONSIBILITY OF HOME BUILDER. STREET TREE LOCATIONS ARE NOT FINAL AND MAY CHANGE BASED UPON DRIVEWAY LOCATION.
  - NO FENCES OR STRUCTURES WILL BE ALLOWED WITHIN SIGHT TRIANGLES.
  - SHRUBS & PERENNIALS WITHIN SIGHT TRIANGLES WILL BE NO HIGHER THAN 2'



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**E5X MANAGEMENT**  
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 ENGLEWOOD, CO 80112  
 720-482-9526

**TRAILS AT CROWFOOT**  
**FILING NO. 9**  
 PARKER, COLORADO  
**LANDSCAPE PLANS**

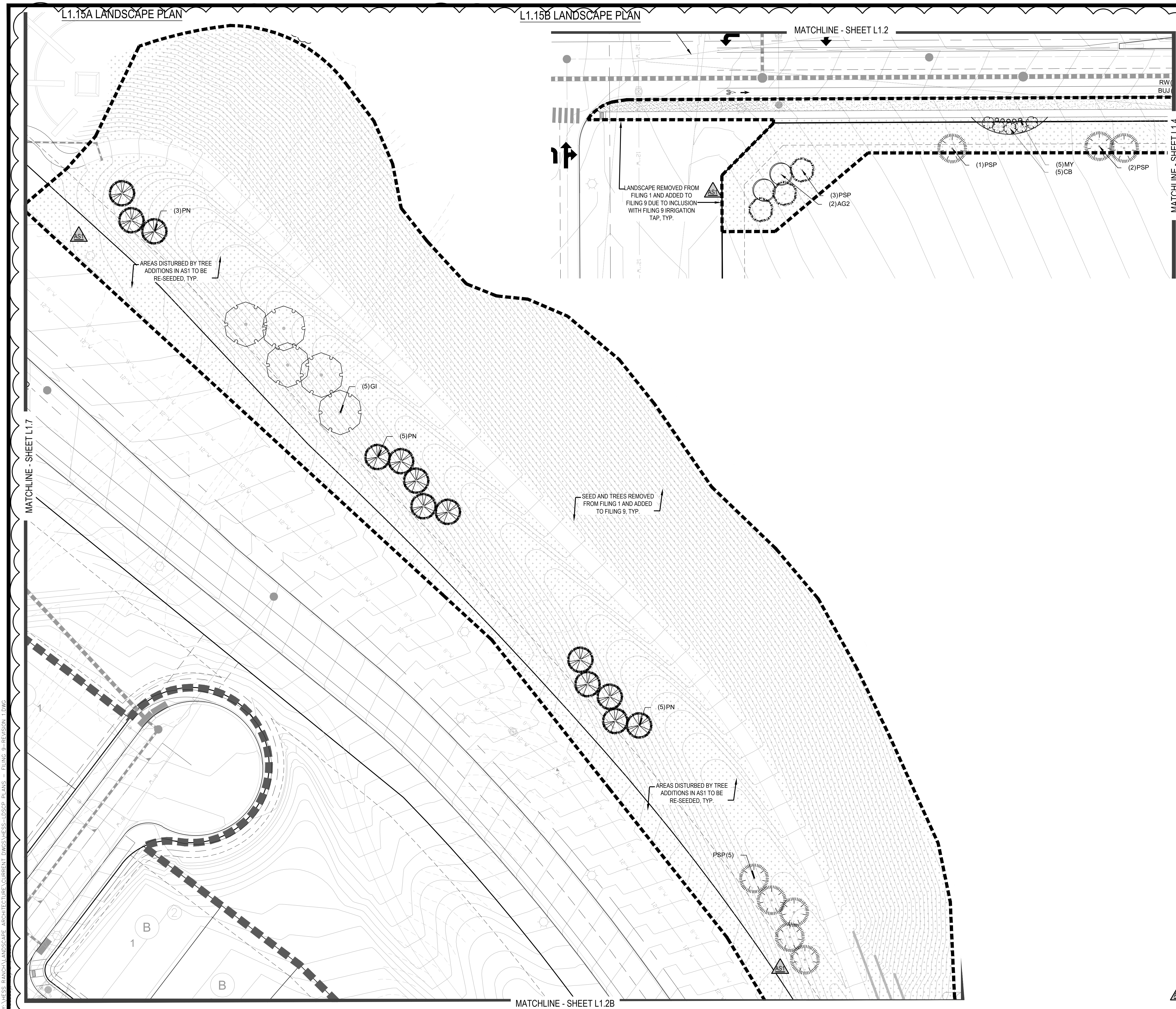
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**PLANT & GROUND COVER LIST**

COMMON NAME	COMMON NAME
<b>DECIDUOUS TREES</b>	<b>COMMON NAME</b>
UP AMERICAN ELM	PN AUSTRIAN BLACK PINE
OV AMERICAN HORNBEAM	PSP LIMBER PINE
PC AMERICAN SYCAMORE	VAN VANDERWOLF'S PYRAMID PINE
QM BURR OAK	<b>ORNAMENTAL TREES</b>
QM2 CHINKAPIN OAK	AH HOT WINGS TATARIAN MAPLE
HAC COMMON HACKBERRY	AG2 ROCKY MOUNTAIN MAPLE
AE EMERALD QUEEN MAPLE	<b>ORNAMENTAL GRASSES</b>
AE2 GREENEVEN LITTLELEAF LINDEN	CG FEATHER REED GRASS
TG2 GREENSPIRE LITTLELEAF LINDEN	CR FB2 LITTLE BUNNY FOUNTAIN GRASS
QC HERITAGE OAK	MY YAKU JIMA DWARF MAIDEN GRASS
GI IMPERIAL HONEYLOCUST	<b>DECIDUOUS SHRUBS</b>
GK KENTUCKY COFFEE TREE	AG AUTUMN BRILLIANCE SERVICEBERRY
OR RED OAK	SCH HOT WINGS TATARIAN MAPLE
RAL REDMOND AMERICAN LINDEN	CB PAWNEE BUTTES SAND CHERRY
AS SCHWEDLER MAPLE	PS2 RED TWIG DOGWOOD
<b>EVERGREEN TREES</b>	PA ROCKY MOUNTAIN PENSTEMON
PN AUSTRIAN BLACK PINE	RSB RUSSIAN SAGE
PSP LIMBER PINE	RW SASKATOON SERVICEBERRY
VAN VANDERWOLF'S PYRAMID PINE	WB WHITE MEIDLAND ROSE
<b>ORNAMENTAL TREES</b>	<b>EVERGREEN SHRUBS</b>
AH HOT WINGS TATARIAN MAPLE	JB BLUE CHIP JUNIPER
AG2 ROCKY MOUNTAIN MAPLE	BUJ BUFFALO JUNIPER
<b>ORNAMENTAL GRASSES</b>	AC MANZANITA
CG FEATHER REED GRASS	PS MUGO PINE
CR FB2 LITTLE BUNNY FOUNTAIN GRASS	<b>GROUND COVERS</b>
MY YAKU JIMA DWARF MAIDEN GRASS	ENVIROTURF
<b>DECIDUOUS SHRUBS</b>	ROCK MULCH GREY, 4" DIA. COBBLE
AG AUTUMN BRILLIANCE SERVICEBERRY	ROCK MULCH TAN, 4" DIA. COBBLE
SCH HOT WINGS TATARIAN MAPLE	TEMPORARILY IRRIGATED NATIVE SEED MIX
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RSB RUSSIAN SAGE	
RW SASKATOON SERVICEBERRY	
WB WHITE MEIDLAND ROSE	
<b>EVERGREEN SHRUBS</b>	
JB BLUE CHIP JUNIPER	
BUJ BUFFALO JUNIPER	
AC MANZANITA	
PS MUGO PINE	

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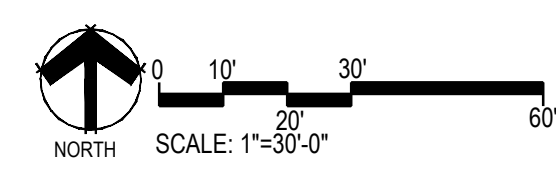
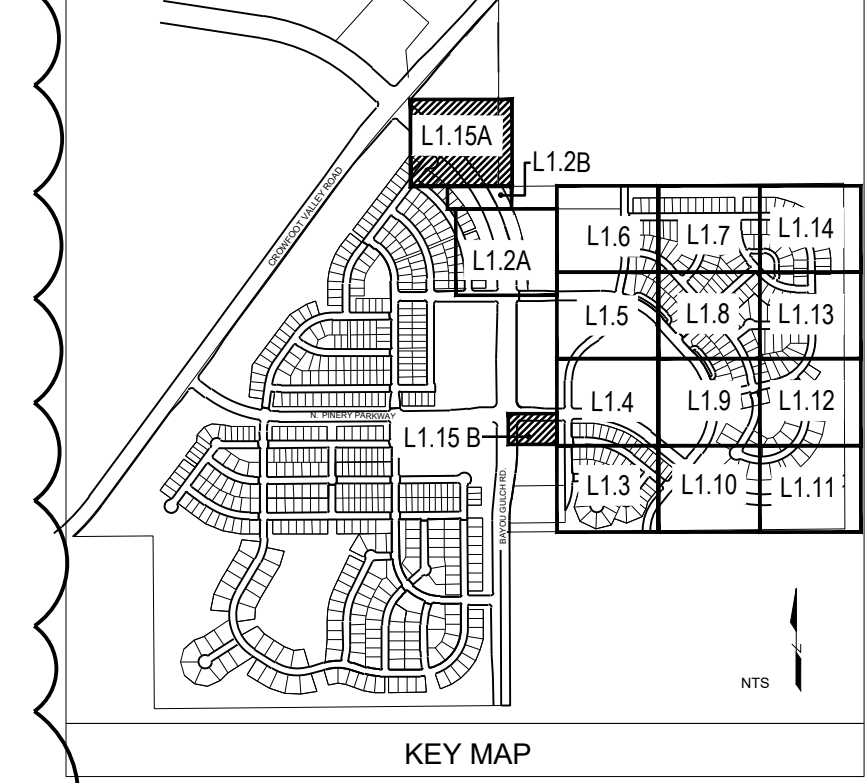
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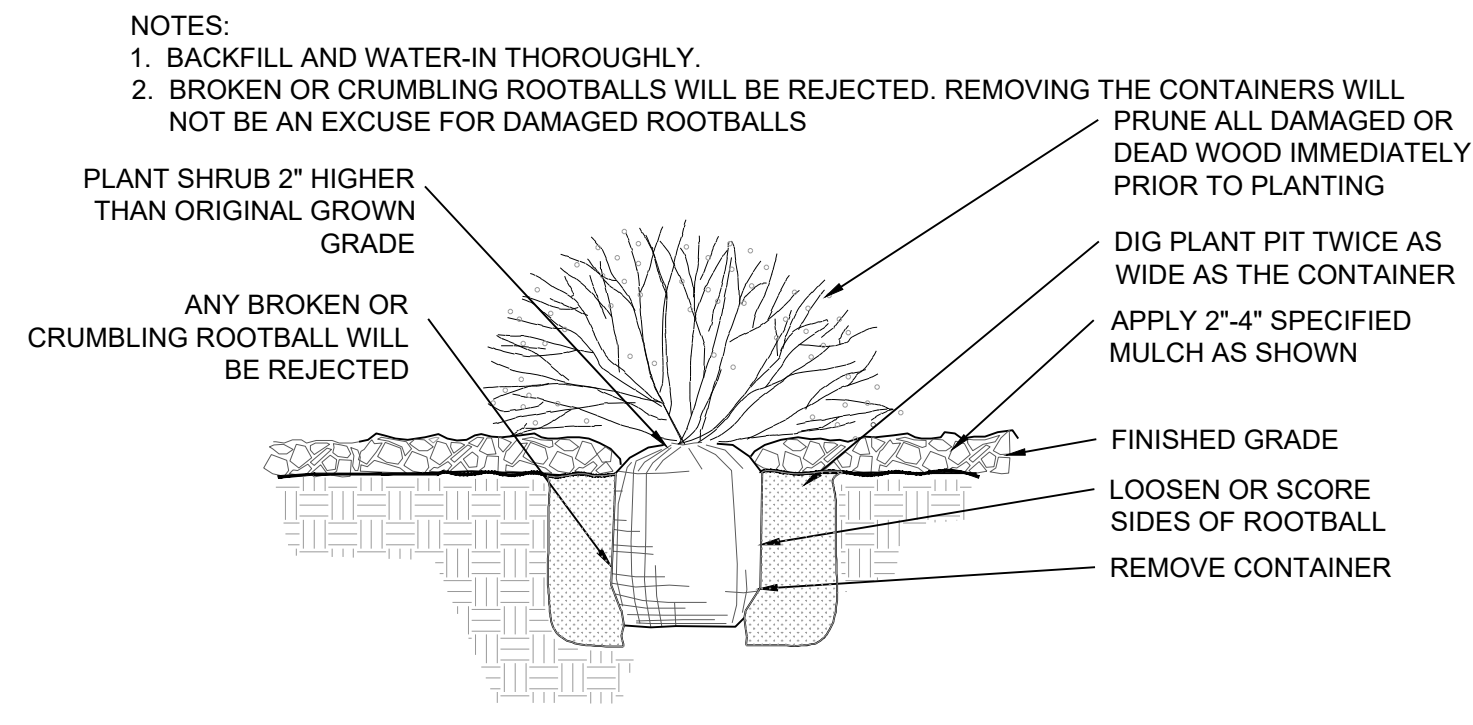
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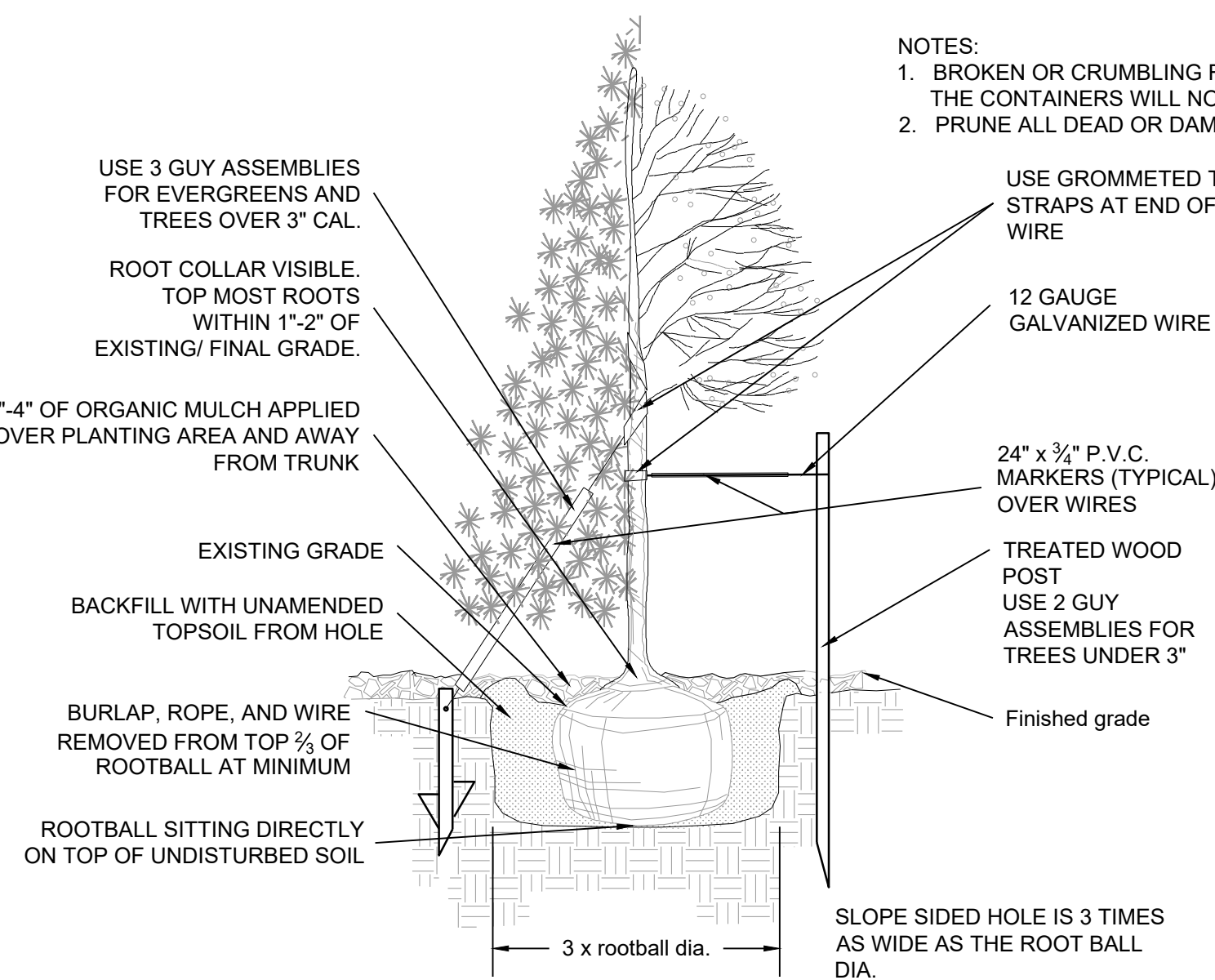
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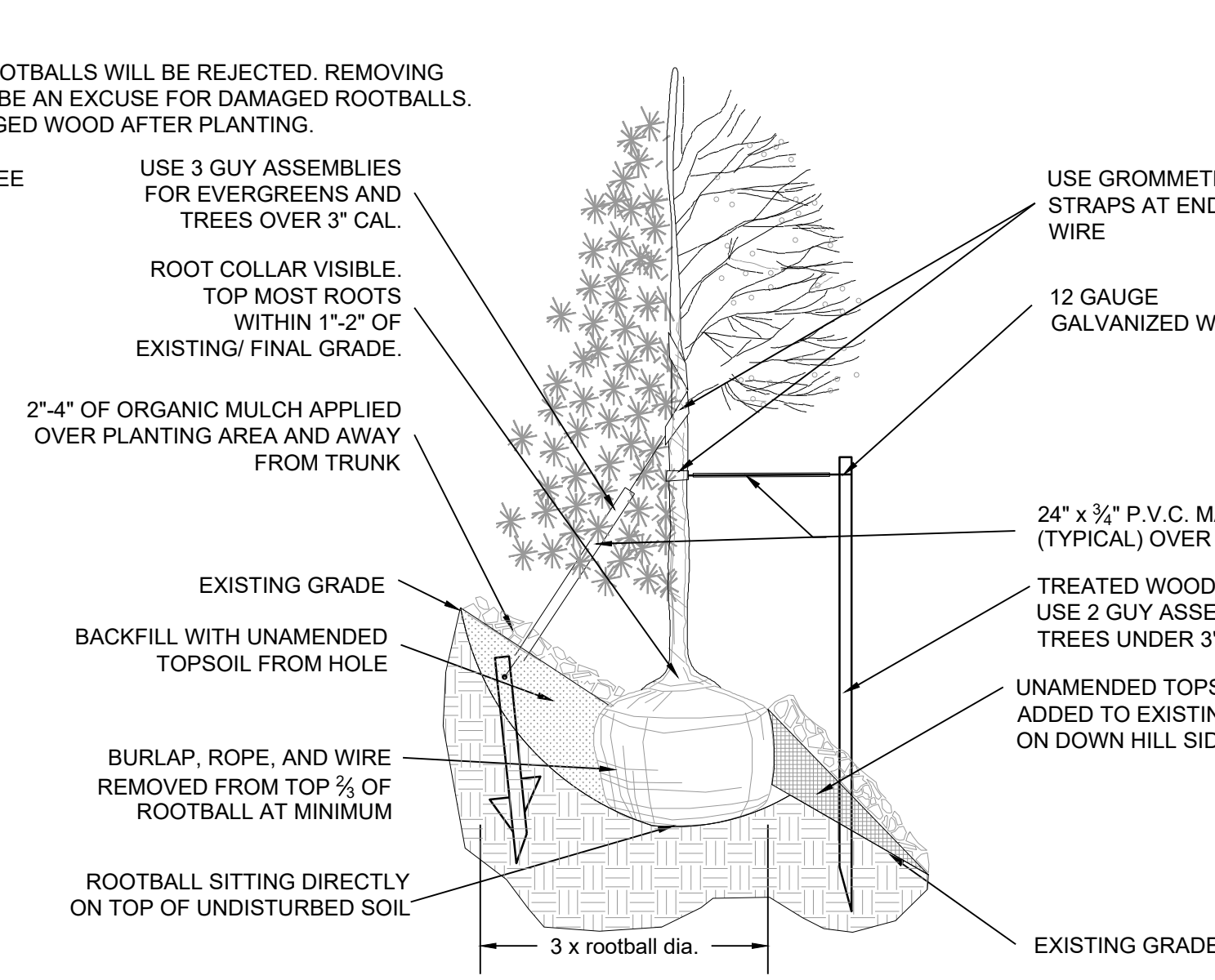
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1 SHRUB PLANTING  
NOT TO SCALE

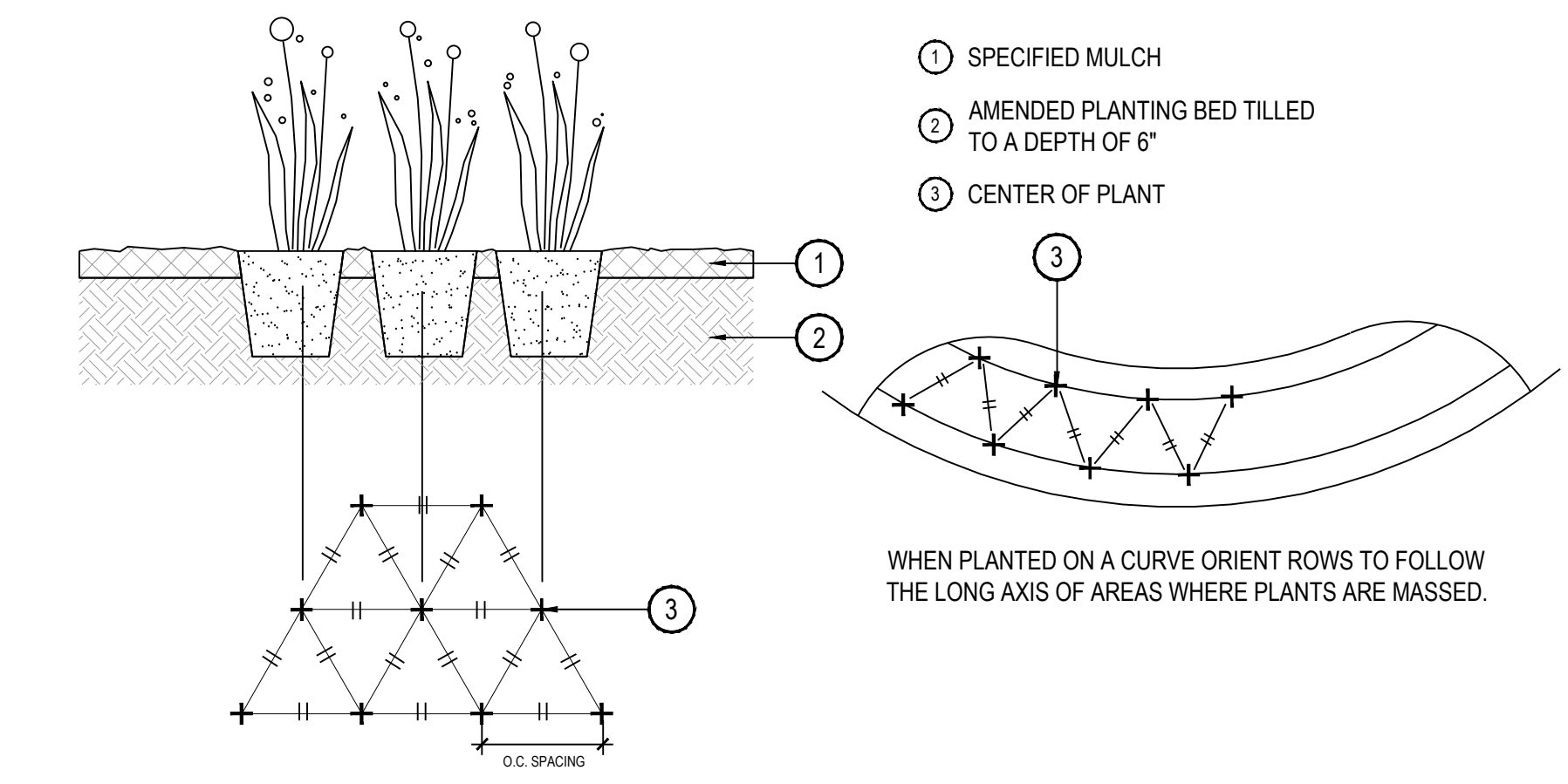


2 TREE PLANTING  
NOT TO SCALE

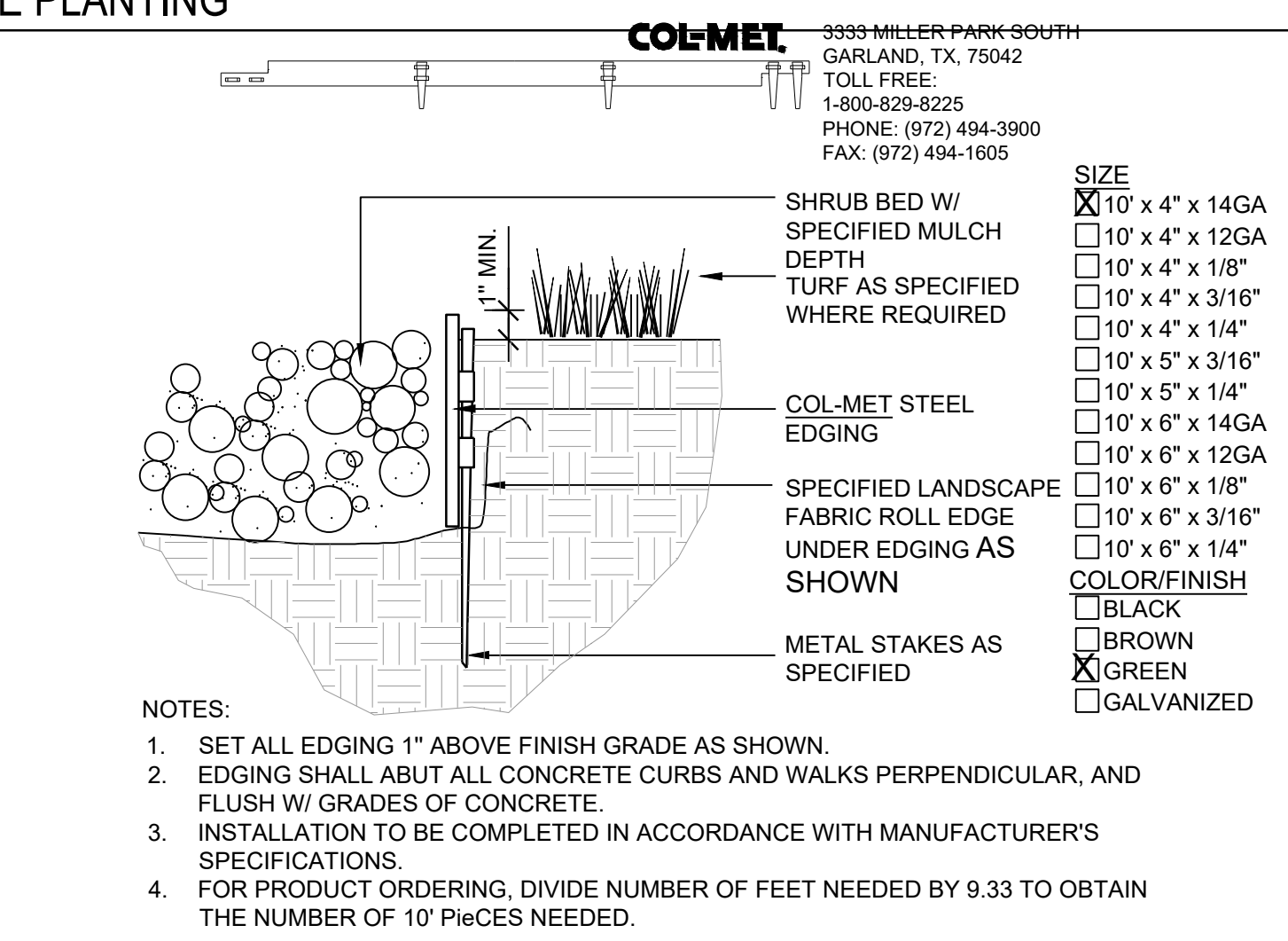


2 TREE PLANTING  
NOT TO SCALE

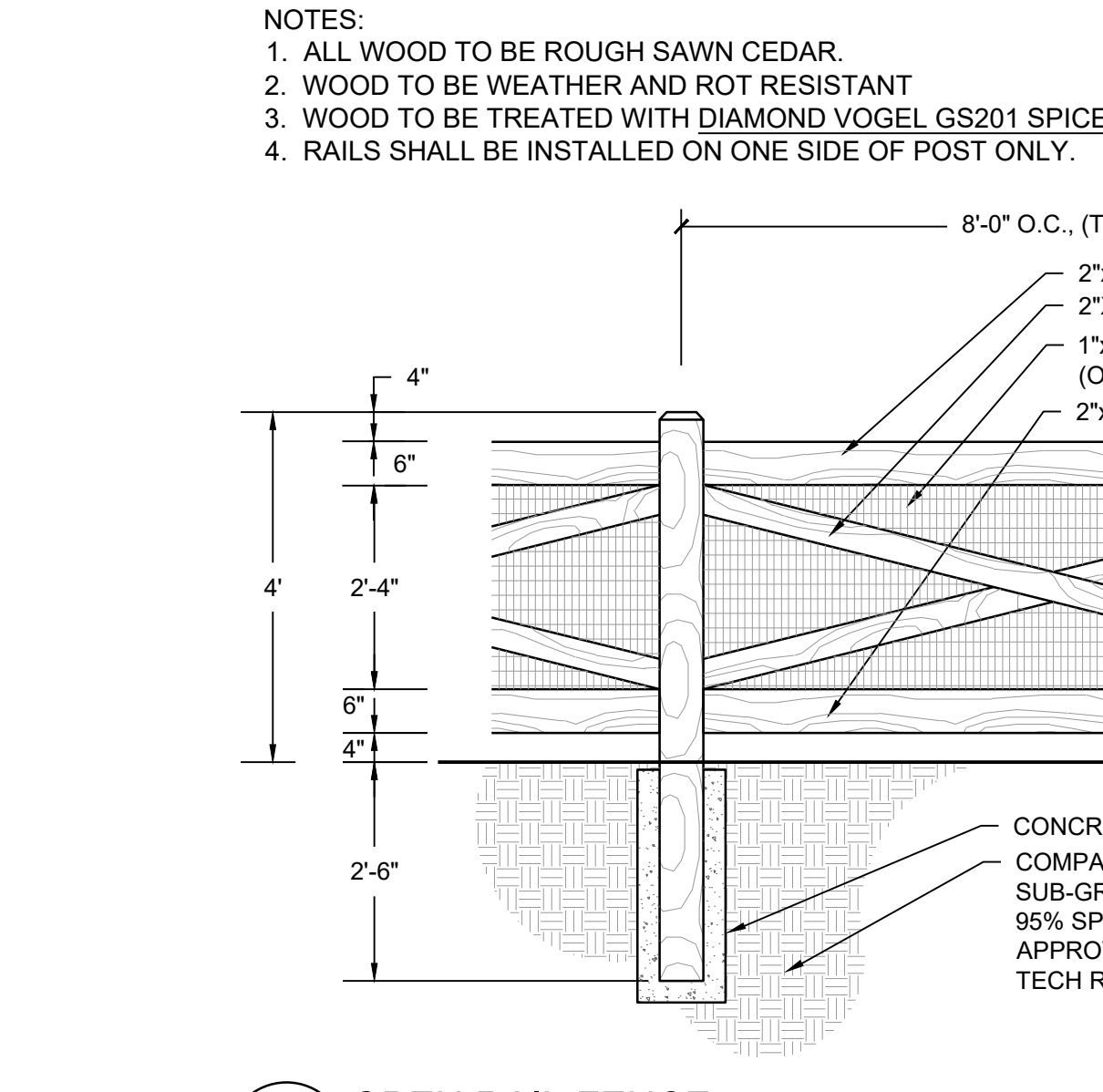
- NOTES:
- ALL WORK TO BE DONE AT TIME OF PLANTING
  - PEEL BACK ONLY TOP OF BURLAP REQUIRED TO PERFORM WORK. REPLACE BURLAP BEFORE MOVING TREE INTO PLANTING PIT. DO NOT REMOVE WIRE BASKET UNTIL INSIDE PLANTING PIT.
  - MEASURE NEW HEIGHT OF ROOTBALL AND DIG PLANTING PIT SO FINAL TOP ROOTBALL GRADE IS 3" ABOVE FINAL GRADE SURROUNDING BALL.
  - EXCAVATE PLANTING HOLES WITH SLOPING SIDES. MAKE EXCAVATIONS AT LEAST THREE TIMES AS WIDE AS THE ROOT BALL DIAMETER AND NO DEEPER THAN THE DISTANCE FROM THE TOP MOST ROOTS IN THE ROOT BALL TO THE BOTTOM OF THE ROOT BALL TO ALLOW FOR SETTLING. DO NOT DISTURB SOIL AT BOTTOM OF PLANTING HOLES, BUT DO SCORE THE SIDES OF THE PLANTING HOLE. THE PLANTING AREA SHALL BE LOOSEND AND AERATED AT LEAST THREE TIMES THE DIAMETER OF THE ROOT BALL. BACKFILL SHALL CONSIST OF EXISTING SITE TOPSOIL - NO AMENDMENTS SHALL BE USED UNLESS OTHERWISE SPECIFIED.
  - TREES SHALL BE PLANTED WITH THE ROOT COLLAR/FLARE VISIBLE ABOVE GRADE AND TWO OR MORE STRUCTURAL ROOTS LOCATED WITHIN THE TOP 1" TO 2" OF THE ROOT BALL/FINISHED GRADE MEASURED 3" TO 4" FROM TRUNK. THIS INCLUDES TREES THAT ARE SET ON SLOPES (SEE SLOPE PLANTING DETAIL). TREES THAT DO NOT HAVE A VISIBLE ROOT COLLAR SHALL BE REJECTED. DO NOT COVER THE ROOT BALL WITH SOIL.
  - WHEN ROOT BALL WILL REMAIN INTACT, CUT OFF REMAINDER OF WIRE BASKET BEFORE PLACING TREE IN HOLE, CUT OFF REMAINDER OF BASKET AFTER TREE IS SET IN HOLE, REMOVE BASKET COMPLETELY. AT A MINIMUM, THE TOP 1/2 OF THE BURLAP AND BASKET SHALL BE REMOVED FROM THE ROOT BALL ON ALL TREES. REMOVE ALL NYLON TIES, TWINE, ROPE AND BURLAP. REMOVE UNNECESSARY PACKING MATERIAL FORM SOIL INTO A 3" TO 5" TALL WATERING RING (SAUCER) AROUND PLANTING AREA. THIS IS NOT NECESSARY IN IRRIGATED TURF AREAS. APPLY 2" TO 4" DEPTH OF SPECIFIED MULCH OVER PLANTING AREA AND INSIDE SAUCERS, AWAY FROM TRUNK. STAKING AND GUYING OF TREES IS OPTIONAL IN MOST PLANTING SITUATIONS. IN AREAS OF EXTREME WINDS OR ON STEEP SLOPES, STAKING MAY BE REQUIRED TO STABILIZE TREES. STAKING AND GUYING MUST BE REMOVED WITHIN 1 YEAR OF PLANTING DATE.
  - TREE WRAP IS NOT TO BE USED ON ANY NEW PLANTINGS, EXCEPT IN LATE FALL PLANTING SITUATIONS AND ONLY THEN AFTER CONSULTATION WITH THE TOWN ARBORIST.
  - RESETTING OF IMPROPERLY PLANTED TREES WILL ONLY BE ALLOWED IF IT IS DETERMINED THAT DOING SO WILL IN NO WAY COMPROMISE THE ROOT BALL, AND SHALL ONLY BE DONE WITH APPROVAL OF THE TOWN ARBORIST.



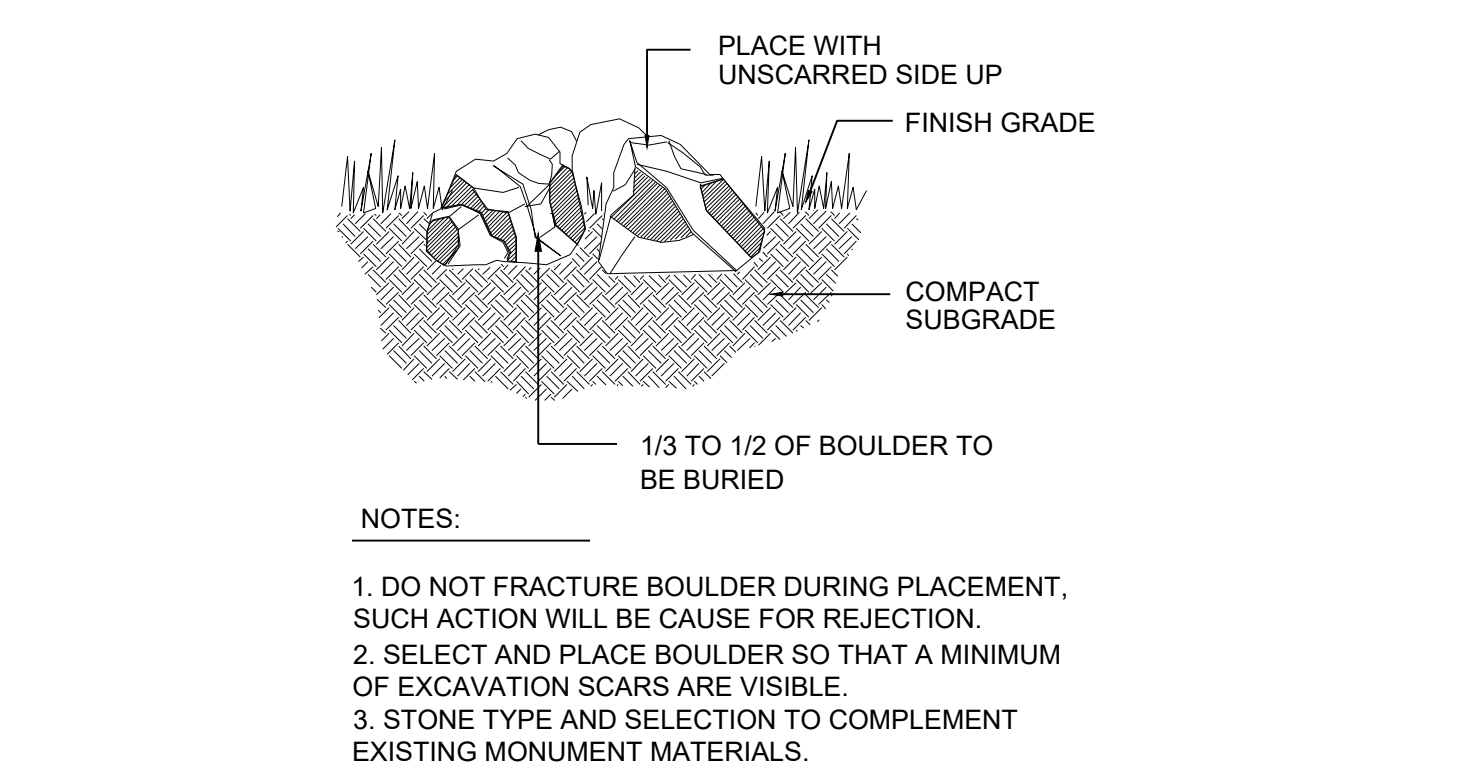
3 PERENNIAL OR GRASS PLANTING  
NOT TO SCALE



4 STEEL EDGER  
NOT TO SCALE



5 OPEN RAIL FENCE  
NOT TO SCALE



6 LANDSCAPE BOULDER  
NOT TO SCALE

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SITE & LANDSCAPE  
DETAILS

Sheet Number

L2.0

# TRAILS AT CROWFOOT

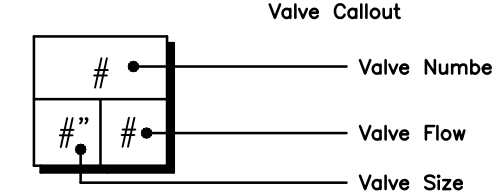
## IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI
	HUNTER PROS-06-PRS30-CV WITH TORO NOZZLE 8 SERIES TURF SPRAY, 30 PSI REGULATED 6.0" POP-UP. WITH FACTORY INSTALLED DRAIN CHECK VALVE. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL. UTILIZE TORO PRECISION SERIES SPRAY NOZZLES.	30
	HUNTER PROS-06-PRS30-CV WITH TORO NOZZLE 10 SERIES TURF SPRAY, 30 PSI REGULATED 6.0" POP-UP. WITH FACTORY INSTALLED DRAIN CHECK VALVE. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL. UTILIZE TORO PRECISION SERIES SPRAY NOZZLES.	30
	HUNTER PROS-06-PRS30-CV WITH TORO NOZZLE 12 SERIES TURF SPRAY, 30 PSI REGULATED 6.0" POP-UP. WITH FACTORY INSTALLED DRAIN CHECK VALVE. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL. UTILIZE TORO PRECISION SERIES SPRAY NOZZLES.	30
	HUNTER PROS-06-PRS30-CV WITH TORO NOZZLE 15 SERIES TURF SPRAY, 30 PSI REGULATED 6.0" POP-UP. WITH FACTORY INSTALLED DRAIN CHECK VALVE. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL. UTILIZE TORO PRECISION SERIES SPRAY NOZZLES.	30
	HUNTER PROS-06-PRS30-CV WITH TORO NOZZLE 4X STRIP SPRAY TURF SPRAY, 30 PSI REGULATED 6.0" POP-UP. WITH FACTORY INSTALLED DRAIN CHECK VALVE. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL. UTILIZE TORO PRECISION SERIES SPRAY NOZZLES.	30

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	DRIP VALVE ASSEMBLY NETAFIM LVC298010075-HF. PRE-ASSEMBLED CONTROL ZONE KIT, WITH 1" SERIES 80 CONTROL VALVE, 3/4" DISC FILTER, AND HIGH FLOW PRESSURE REGULATOR 4.5GPM TO 17.6GPM.
	DRIP FLUSH VALVE ASSEMBLY NETAFIM TLFV-1. AUTOMATIC FLUSH VALVE, WITH INSERT INLET

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	REMOTE CONTROL VALVE ASSEMBLY HUNTER MODEL ICV 1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION
	QUICK COUPLER VALVE ASSEMBLY HUNTER HQ-5RC: VALVE WITH YELLOW RUBBER COVER, RED BRASS AND STAINLESS STEEL, WITH 1" NPT INLET, 1-PIECE BODY.
	ISOLATION GATE VALVE ASSEMBLY MATCO-NORCA 514TX: 1/2"-4" BRASS GATE VALVE, FULL PORT, WITH SOLID WEDGE. IPS. CROSS HANDLE. SAME SIZE AS MAINLINE PIPE.
	NORMALLY OPEN MASTER VALVE ASSEMBLY 2-INCH BUCKNER-SUPERIOR 3100, NORMALLY OPEN BRASS MASTER VALVE THAT PROVIDES DIRTY WATER PROTECTION.
	FLOW SENSOR ASSEMBLY 2-INCH PVC TEE TYPE FLOW SENSOR W/ SOCKET ENDS, CUSTOM MOUNTING TEE AND ULTRA-LIGHTWEIGHT IMPELLER ENHANCES LOW FLOW MEASUREMENT. 2 WIRE DIGITAL OUTPUT. FLOW RANGE 2.8-170 GPM.
	INLINE CHECK VALVE ASSEMBLY MATCO-NORCA 523T: 1/2"-2" WHITE PVC INLINE CHECK VALVE. THREADED ENDS. STAINLESS STEEL SPRING LOADED. SAME SIZE AS MAINLINE PIPE.
	REDUCED PRESSURE BACKFLOW PREVENTER WILKINS 375B: BACKFLOW PREVENTER WITH BLOW OUT/FLUSH FITTING. REINFORCED NYLON HOUSING AND CAST BRONZE BALL VALVES. SIZED TO MATCH TAP & METER (RE: POC NOTE).
	AIR AND VACUUM RELIEF VALVE ASSEMBLY CRISPIN MODEL ULI 0, 1" MODEL. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. INSTALL AT SYSTEM HIGH POINTS.
	TWO-WIRE PEDESTAL MOUNT CONTROLLER WEATHERMATIC SMARTLINE 4B-ZONE TWO-WIRE CONTROLLER, INTERNAL 120VAC/230VAC TRANSFORMER, 900 MHZ RANGE. INSTALL WITH SMARTLINK AIRCARD WITH FLOW. INSTALL SLWS WIRELESS WEATHER STATION. UTILIZE STAINLESS STEEL PEDESTAL, MODEL SLPED-ENC-55-1600. [UTILIZE NORMALLY OPEN PANEL]
	WEATHERMATIC SURGE DECODER. INSTALL PER MANUFACTURER'S RECOMMENDATIONS (APPROX. EVERY 600', AT THE CONTROLLER, AND AT THE END OF EACH MAINLINE RUN). INSTALL 8' COPPER CLAD GROUNDING ROD INSTALLED AT LEAST 8' FROM VALVE BOX, PERPENDICULAR TO 2-WIRE CONTROL CABLE.

	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 ONLY LATERAL TRANSITION PIPE SIZES 1-1/4" AND ABOVE ARE INDICATED ON THE PLAN, WITH ALL OTHERS BEING 1" IN SIZE.
	DRIP IRRIGATION LATERAL LINE TO EMITTERS: UV RADIATION RESISTANT POLYETHYLENE PIPE, 3/4-INCH UNLESS OTHERWISE SPECIFIED.
	DRIP IRRIGATION LATERAL LINE TO EMITTERS IN NATIVE SEED: 3/4-INCH UV RADIATION RESISTANT POLYETHYLENE PIPE TO NETAFIM INLINE DRIP TUBING TREE RINGS (RE: DETAILS).
	IRRIGATION MAINLINE: PVC CLASS 200 SDR 21 POC #6: 3-INCH UNLESS OTHERWISE NOTED. POC #7: 3-INCH UNLESS OTHERWISE NOTED.
	PIPE SLEEVE: PVC CLASS 200 SDR 21 SLEEVE SHALL BE TWICE THE SIZE OF THE PIPE RUNNING THRU IT. NO TWO PIPES/WIRES SHALL SHARE A SLEEVE.



## REFERENCE NOTES SCHEDULE FILING 9

SYMBOL	DESCRIPTION
	THE IRRIGATION SYSTEM POINT-OF-CONNECTION (POC) SHALL BE DOWNSTREAM OF THE EXISTING IRRIGATION WATER TAP AND METER, AT THE APPROXIMATE LOCATION SHOWN. INSTALL BACKFLOW PREVENTION UNIT, MASTER VALVE ASSEMBLY, AND FLOW SENSOR AS INDICATED. VERIFY EXACT LOCATION OF POC WITH OWNER'S REPRESENTATIVE. VERIFY PRESSURE AND FLOW ON SITE PRIOR TO CONSTRUCTION.
	PEDESTAL MOUNT THE IRRIGATION CONTROLLER AT THE APPROXIMATE LOCATION SHOWN. COORDINATE ELECTRICAL POWER TO THE CONTROLLER WITH THE OWNER'S REPRESENTATIVE. CARE SHOULD BE TAKEN TO INSTALL THE IRRIGATION CONTROLLER IN A LOCATION THAT IS ACCESSIBLE FOR MAINTENANCE, AND SCREENED FROM VIEW EITHER BEHIND ENTRY WALLS, NEXT TO BUILDINGS, OR BEHIND PLANT MATERIAL. FINAL LOCATION TO BE APPROVED BY OWNER'S REPRESENTATIVE. INSTALL PER NATIONAL ELECTRIC CODE (NEC).
	IRRIGATION SHOWN IN HARDSCAPE FOR CLARITY ONLY. ALL IRRIGATION SHALL BE INSTALLED IN LANDSCAPED AREA. ANY IRRIGATION TO BE INSTALLED UNDER HARDSCAPE SHALL BE SLEEVED.
	MAINLINE, SPRINKLER LATERAL, AND/OR DRIP LATERAL SHOWN SLEEVED TOGETHER IS FOR CLARITY ONLY. CONTRACTOR SHALL INSTALL MAINLINE, CONTROL WIRES, AND LATERAL LINES IN SEPARATE SLEEVES.
	CONTRACTOR SHALL STUB OUT MAINLINE AND 3' FOOT COIL OF CONTROL WIRES (IN SEPARATE 6" ROUND VALVE BOX) FOR CONNECTION TO ADJACENT FILING. REFER TO ADJACENT CALLOUT FOR NUMBER OF WIRES NEEDED. CONTROLLERS 'F' & 'G' SHALL STUB OUT COIL OF TWO-WIRE CABLE.
	CONTRACTOR SHALL STUB OUT LATERAL LINE FOR CONNECTION TO ADJACENT FILING. SIZE AS SHOWN ON PLANS.

## EMITTER SCHEDULE

PLANT TYPE	EMITTER TYPE	GPH/OUTLET	NO. OF EMITTERS	TOTAL FLOW
GROUND COVER	SINGLE OUTLET	1 GPH	1	1 GPH
PERENNIALS	SINGLE OUTLET	1 GPH	1	1 GPH
1 GAL. SHRUB	SINGLE OUTLET	1 GPH	1	1 GPH
5 GAL. SHRUB	SINGLE OUTLET	1 GPH	2	2 GPH
TREE IN SHRUB BED	SINGLE OUTLET	1 GPH	4-8	4-8 GPH
TREE IN NATIVE SEED	INLINE DRIP*	0.6 GPH	N/A	N/A

- NOTES:
- MULTIPLE OUTLET EMITTERS CAN BE UTILIZED IN DENSELY PLANTED AREAS AND FOR TREES IN SHRUB BEDS.
  - REFER TO LEGEND AND DETAILS FOR INLINE DRIP TOTALS.

## INSTALLATION GENERAL NOTES

- DESIGN ASSUMES A MINIMUM DYNAMIC PRESSURE FOR THE IRRIGATION SYSTEM (PER CITY OR ENGINEER) OF UP TO 90 PSI, AT A MINIMUM FLOW OF 70 GPM AT EACH 2-INCH POINT-OF-CONNECTION (POC). VERIFY PRESSURE AND FLOW ON SITE PRIOR TO CONSTRUCTION. CONTACT GENERAL CONTRACTOR OR OWNER'S REPRESENTATIVE IMMEDIATELY IF FLOW OR PRESSURE ARE LOWER THAN LISTED ABOVE. BOOSTER PUMP MAY BE REQUIRED.
  - NEITHER HISTORICAL NOR CIVIL SITE HYDRAULICS WERE AVAILABLE AT THE TIME OF DESIGN.
- CONTRACTOR SHALL BECOME FAMILIAR WITH THE SPECIFICATIONS AND INSTALLATION DETAILS FOR THIS AND RELATED WORK PRIOR TO CONSTRUCTION. FOR CLARIFICATION, CONTACT IRRIGATION DESIGNER PRIOR TO CONSTRUCTION.
  - UPON FINAL ACCEPTANCE, CONTRACTOR SHALL TURN OVER REQUIRED ADJUSTMENT KEYS INCLUDING BUT NOT LIMITED TO CONTROLLER ENCLOSURE AND BACKFLOW ENCLOSURE KEY, LOCKING VALVE BOX KEYS, QUICK COUPLER KEYS, GATE VALVE KEY, SPRINKLER HEAD AND NOZZLE ADJUSTMENT KEYS.
  - UPON FINAL ACCEPTANCE, CONTRACTOR SHALL TURN OVER SPARE PARTS PERTAINING TO INSTALLED SYSTEM: BACKFLOW WINTERIZATION INSERT, TWO OF EVERY HEAD AND NOZZLE (ROTOR NOZZLE TREE INCLUDED), ONE RCV DIAPHRAGM, ETC.
- COORDINATE UTILITY LOCATES OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION (\*811-CALL BEFORE YOU DIG).
- IF DISCREPANCIES ARE NOTED IN THE FIELD BETWEEN SITE CONDITIONS AND PROVIDED DESIGNS, CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE OR GENERAL CONTRACTOR IMMEDIATELY. DO NOT PROCEED WITH THE INSTALLATION OF THE IRRIGATION SYSTEM IF SUCH DISCREPANCIES IN THE FIELD AFFECT THE PROVIDED DESIGN, DETAILS, OR SPECIFICATIONS.
- ALL IRRIGATION COMPONENTS (MAINLINE, WIRES, LATERAL LINES, ETC.) SHALL BE INSTALLED IN LANDSCAPED AREAS WHENEVER POSSIBLE, EVEN THOUGH SAID IRRIGATION COMPONENTS MAY BE SHOWN OUTSIDE PLANTING AREAS FOR CLARITY.
- AVOID CONFLICTS BETWEEN THE IRRIGATION SYSTEM, PLANTING MATERIALS, AND ARCHITECTURAL FEATURES WHENEVER POSSIBLE. COORDINATE POTENTIAL RELOCATION OF BOULDERS AND TREES IN TURF AREAS WITH LANDSCAPE ARCHITECT PRIOR TO SPRINKLER LAYOUT. IF LANDSCAPE MATERIAL CANNOT BE RELOCATED, ADDITIONAL SPRINKLERS MAY BE REQUIRED.
- CROSS FITTINGS ARE NOT ALLOWED, ONLY STANDARD TEES AND ELBOWS.
- CONTRACTOR SHALL INSTALL NOZZLES PER PLAN, UNLESS IRRIGATED AREA CHANGED IN SIZE OR PLANT MATERIAL TYPE CHANGES.

IF NOZZLE CHANGES ARE REQUIRED AND ARE SIGNIFICANT IN SIZE, CONTRACTOR SHALL CONTACT IRRIGATION DESIGNER FOR APPROVAL.

CONTRACTOR SHALL FIELD LOCATE ANY EXISTING SLEEVES ON SITE PRIOR TO CONSTRUCTION WITH THE AID OF THE GENERAL CONTRACTOR. MISSING SLEEVES SHALL BE REPORTED IMMEDIATELY. NEW SLEEVES SHOWN ON PLANS ARE REQUIRED FOR BOTH PIPING AND ELECTRICAL WIRING AT EACH HARDSCAPE CROSSING. COORDINATE INSTALLATION OF SLEEVING WITH OTHER TRADES. ANY PIPE OR WIRE WHICH PASSES BENEATH EXISTING HARDSCAPE WHERE SLEEVING WAS NOT INSTALLED WILL REQUIRE HORIZONTAL BORING BY THE IRRIGATION CONTRACTOR.

INSTALL ALL ELECTRICAL POWER TO THE IRRIGATION CONTROL SYSTEM IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE AND ALL APPLICABLE LOCAL ELECTRIC UTILITY CODES.

THE FOLLOWING SHOULD BE NOTED REGARDING PIPE SIZING: IF A SECTION OF UNSIZED PIPE IS LOCATED BETWEEN THE IDENTICALLY SIZED SECTIONS, THE UNSIZED PIPE IS THE SAME NOMINAL SIZE AS THE TWO SIZED SECTIONS. THE UNSIZED PIPE SHOULD NOT BE CONFUSED WITH THE DEFAULT PIPE SIZE NOTED IN THE LEGEND.

MAINLINE PIPE SIZES MAY VARY THROUGHOUT PROJECT. EACH MAINLINE LEG IS SIZED TO ACCOMMODATE LARGEST VALVE ON THAT LEG. STATED SIZE IN LEGEND MAY NOT BE THE LARGEST SIZE ON PLANS.

TWO-WIRE CONTROL CABLE DOES NOT REQUIRE ADDITIONAL SPARE WIRES TO BE ROUTED WITH MAINLINE.

TWO-WIRE CONTROL SURGE ARRESTORS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. ARRESTORS ARE NOT DEPICTED ON PLANS.

FIRST SURGE DECODER SHALL BE PLACED AT CONTROLLER, THEN EVERY 600' (APPROX.) THEREAFTER.

INSTALL NEAR VALVE USING EITHER 8" GROUND ROD OR PLATE. INSTALL PER INDUSTRY STANDARDS.

DECODERS MUST BE PROGRAMMED AT THE CONTROLLER BEFORE WIRING TO VALVES.

TREES IN TURF ARE NOT IRRIGATED BY DRIP SYSTEM. DRIP LATERAL ROUTED NEAR TREES IN TURF ARE NOT TO RECEIVE DRIP IRRIGATION. TREES IN UNDISTURBED NATIVE SEEDED AREAS ARE IRRIGATED ON DRIP SYSTEM.

NO IRRIGATION EQUIPMENT, INCLUDING BUT NOT LIMITED TO, MAINLINE, VALVES, AND SPRINKLERS, SHALL BE INSTALLED WITHIN 3' OF NEW BUILDING FOUNDATION.

SPRINKLER ZONES CAN ONLY COVER AN ELEVATION RANGE OF 14', THUS THE SMALLER VALVE SIZES. ZONES CAN OPERATE SIMULTANEOUSLY WHERE APPLICABLE.

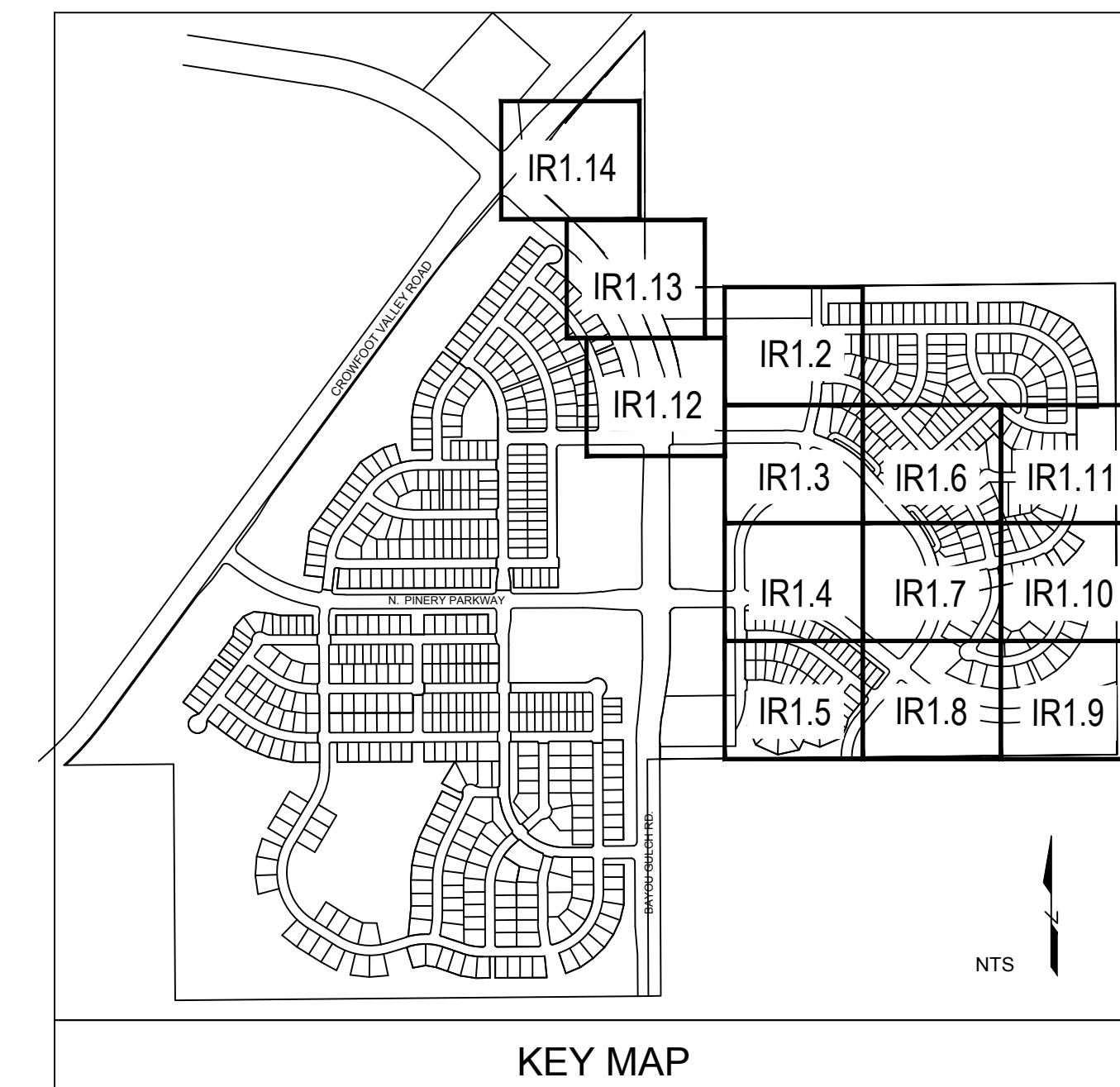
MAINLINE LOOPS ARE SIZED TO UTILIZE TAP SUPPLY OF 70 GPM.

DEAD END MAINLINE RUNS ARE SIZED TO ACCOMMODATE THE LARGEST VALVE ON THE RUN.

The Town of Parker review constitutes general compliance with the Town's Standards and approved variances, subject to these plans being stamped, signed, and dated by the professional engineer of record. Review by the Town does not constitute approval of the plan design or accuracy and correctness of engineering calculations. Errors in the design or calculations remain the responsibility of the registered professional engineer whose stamp and signature are affixed to this document.

This review does not constitute approval of any private on-site improvements which may be shown. Construction cannot commence until all required drainage/traffic report(s), final development plan(s), special review(s), grading permit, and/or other permits are complete, approved and on file with the Town of Parker.

Town of Parker, Director of Engineering Date



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ESX MANAGEMENT  
7353 SOUTH ALTON WAY  
CENTENNIAL, CO 80112

Irrigation Design

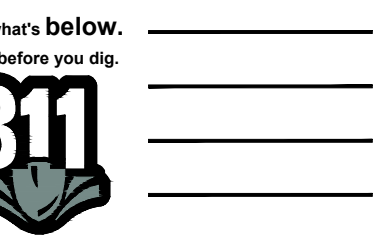
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720-482-9526

TRAILS AT CROWFOOT  
FILING NO. 9  
PARKER, COLORADO  
IRRIGATION PLANS-RECORD DRAWINGS

Drawn by: MLP  
Checked by: TEAM  
Submittal Date: 06.07.2022



Sheet Name  
IRRIGATION LEGEND  
AND NOTES

Sheet Number

IR1.0

# TRAILS AT CROWFOOT

FILING 9

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Town of Parker, Director of Engineering \_\_\_\_\_ Date \_\_\_\_\_



## Landscape/Irrigation Worksheet

Project Name: TRAILS AT CROWFOOT

Landscape/Irrigation Tap address (physical location of tap) POC #7 : 18100 1/2 N. Pinery Parkway

Landscape Area	High Water TURF (6,000sf = 1 SFE)	Low Water Native Grass and Spray Shrubs & Perennials (10,000sf = 1 SFE)	Drip Irrigated area (20,000sf = 1 SFE)	Non-Irrigated area (calculated)	Sub-Total of Areas	PWSD one SFE per 6000	SFE Requirement (Sub-Total Calculation divided by 6000 = requirement)
Area #1	0 sf x 1 = 0	60,390 sf x .6 = 36,234	18,699 sf x .3 = 5,610	0 sf x 0 = 0	41,844 sf	6,974	6.97 SFE's

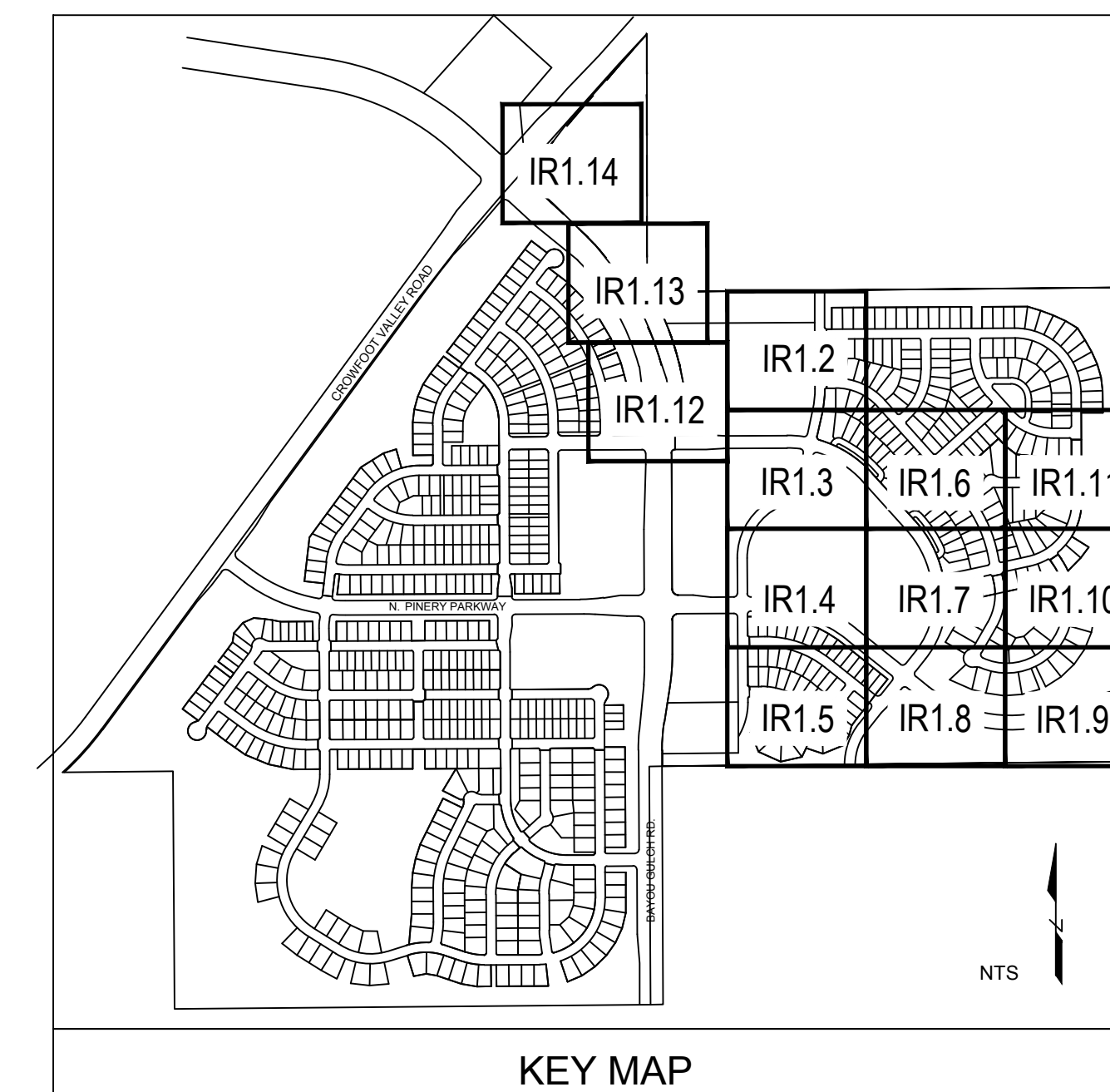
Worksheet Completed by: MICHELLE PETERSON  
Company: MPI DESIGNS  
Address: PO BOX 345, WINDSOR, CO  
Phone #: 970-402-3047

Owner/Developer: ESX MANAGEMENT  
Attn: MATT JENKE  
Billing Address: 7353 SOUTH ALTON WAY, CENTENNIAL  
Phone #: N/A

### ET Controller (with Rain Sensor)

Manufacturer	WEATHERMATIC
Model number	SMARTLINK SL4800 WITH SLW5 WEATHER STATION

**Tap Size Requirements:**  
0 - 1 SFE's requires a 3/4-inch tap  
1.1 - 2.0 SFE's requires a 1-inch tap  
2.1 - 4.0 SFE's requires a 1 1/2-inch tap  
4.1 - 7.0 SFE's requires a 2-inch tap  
7.1 - 16.0 SFE's requires a 3-inch tap



TRAILS AT CROWFOOT  
FILING NO. 9  
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IRRIGATION PLANS-RECORD DRAWINGS

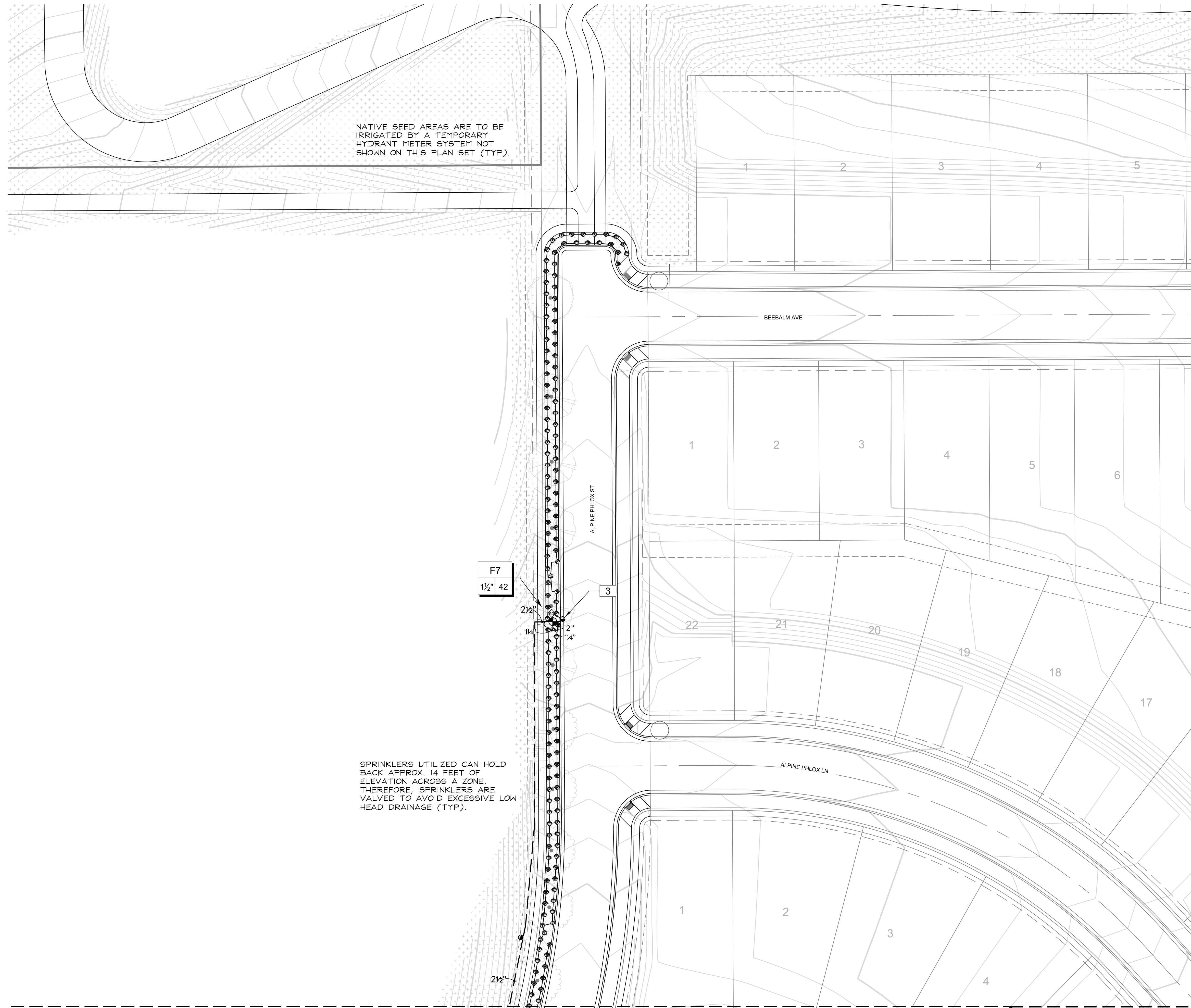
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Sheet Name  
IRRIGATION WORKSHEETS

Sheet Number

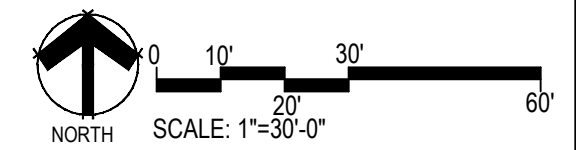
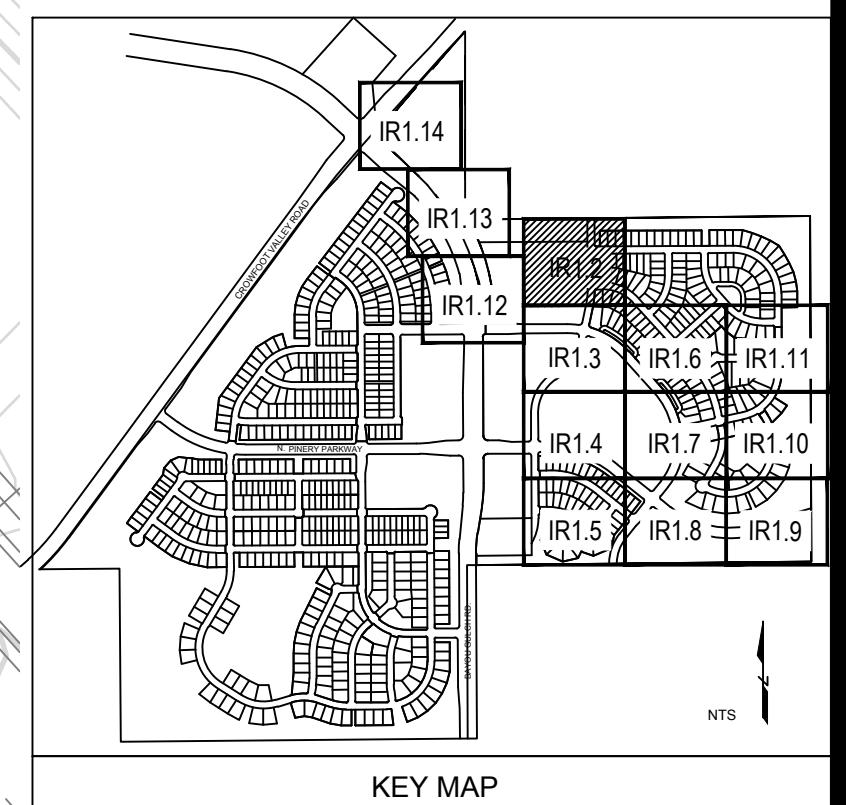
IR1.1



NATIVE SEED AREAS ARE TO BE IRRIGATED BY A TEMPORARY HYDRANT METER SYSTEM NOT SHOWN ON THIS PLAN SET (TYP).

SPRINKLERS UTILIZED CAN HOLD BACK APPROX. 14 FEET OF ELEVATION ACROSS A ZONE. THEREFORE SPRINKLERS ARE VALVED TO AVOID EXCESSIVE LOW HEAD DRAINAGE (TYP).

MATCHLINE - SEE SHEET IR1.3



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FILING NO. 9  
PARKER, COLORADO  
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■ Sheet Number ■  
**IR1.2**

MATCHLINE - SEE SHEET IRI.2

NATIVE SEED AREAS ARE TO BE IRRIGATED BY A TEMPORARY HYDRANT METER SYSTEM NOT SHOWN ON THIS PLAN SET (TYP).

MATCHLINE - SEE SHEET IRI.13

MATCHLINE - SEE SHEET IRI.6

SCARLET SAGE AVE

POC 6  
SIZE: 2-INCH  
FLOW: 70 GPM  
PRESSURE: 77 PSI  
REQUIRED

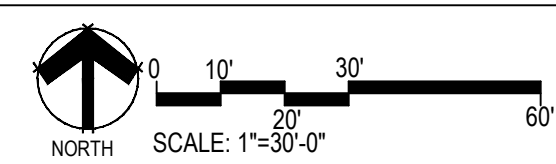
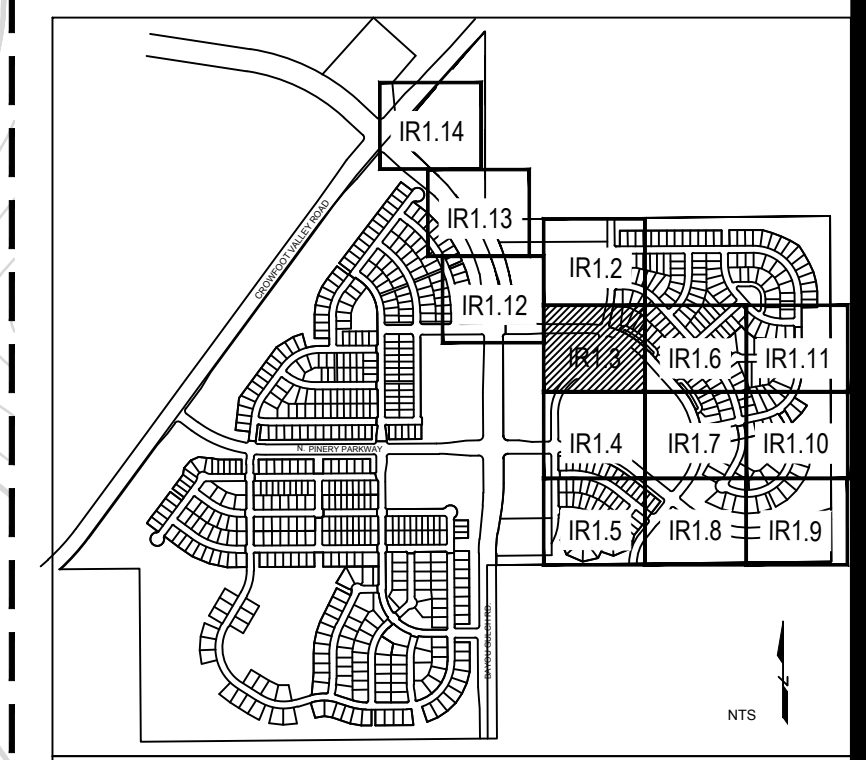
CONTROLLER F  
120 VAC POWER REQUIRED

F33  
1" 25'

F32  
1" Drip

TRACT P

TRACT D



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Sheet Name  
IRRIGATION PLAN

Sheet Number  
IR1.3

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MATCHLINE - SEE SHEET IR1.3

MATCHLINE "A" - SEE BELOW LEFT

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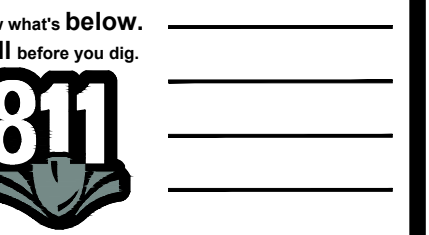
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Sheet Name  
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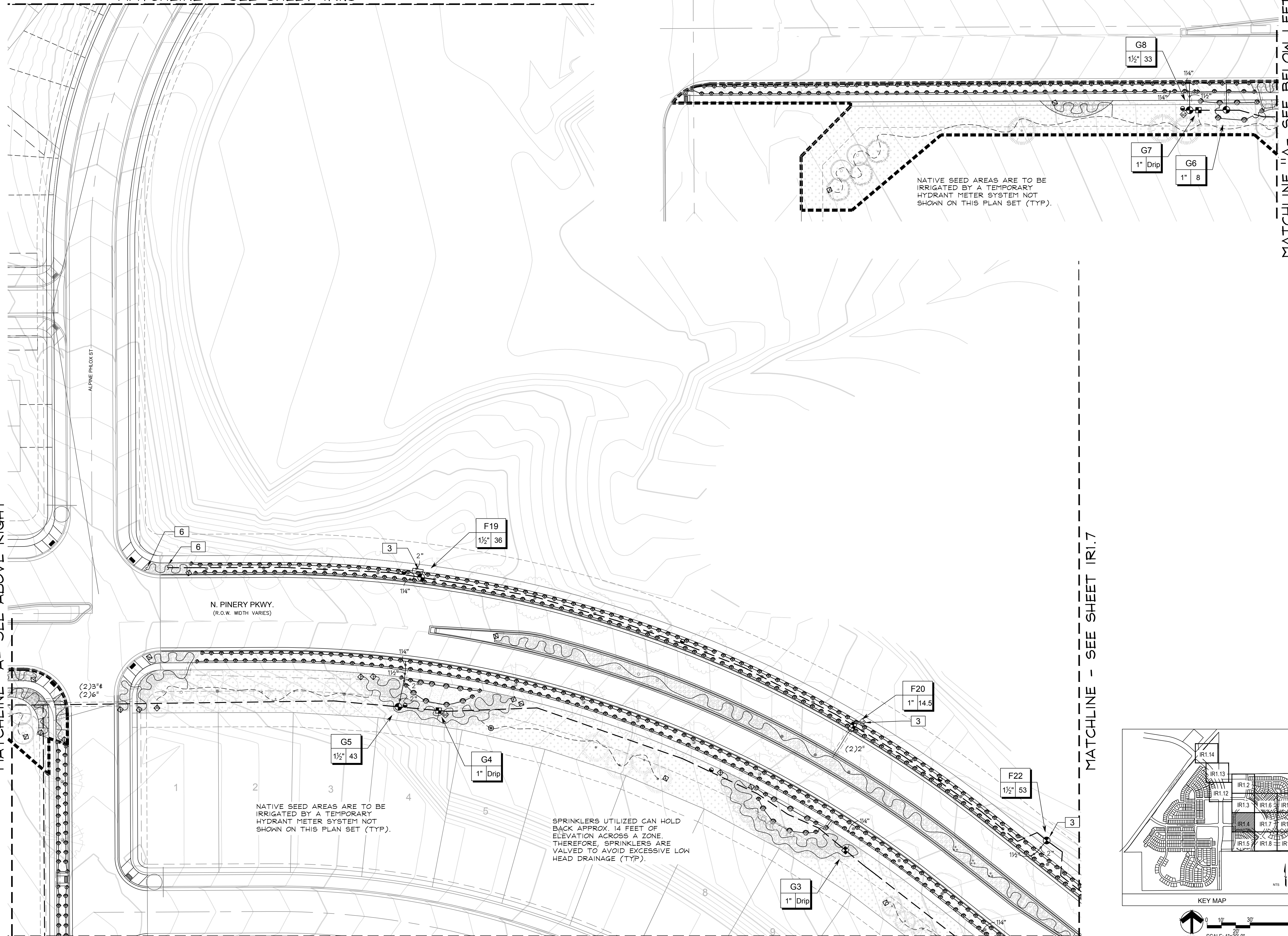
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IR1.4

MATCHLINE "A" - SEE ABOVE RIGHT

MATCHLINE - SEE SHEET IR1.7

MATCHLINE - SEE SHEET IR1.5



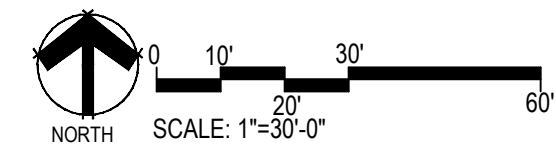
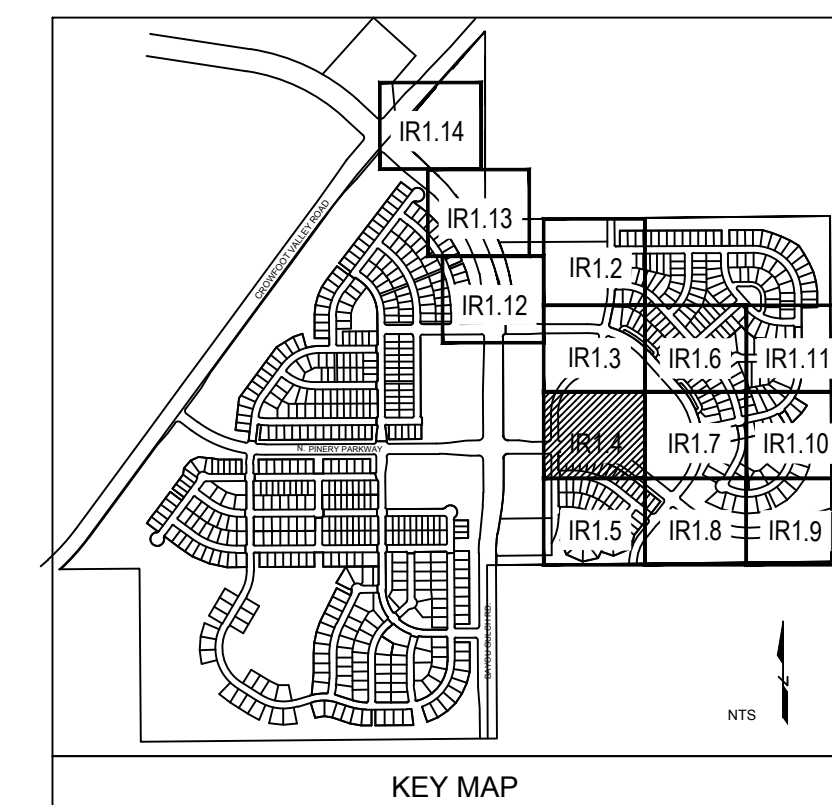
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ALPINE PHLOX ST.

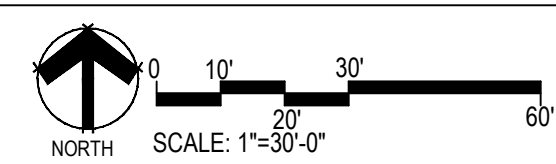
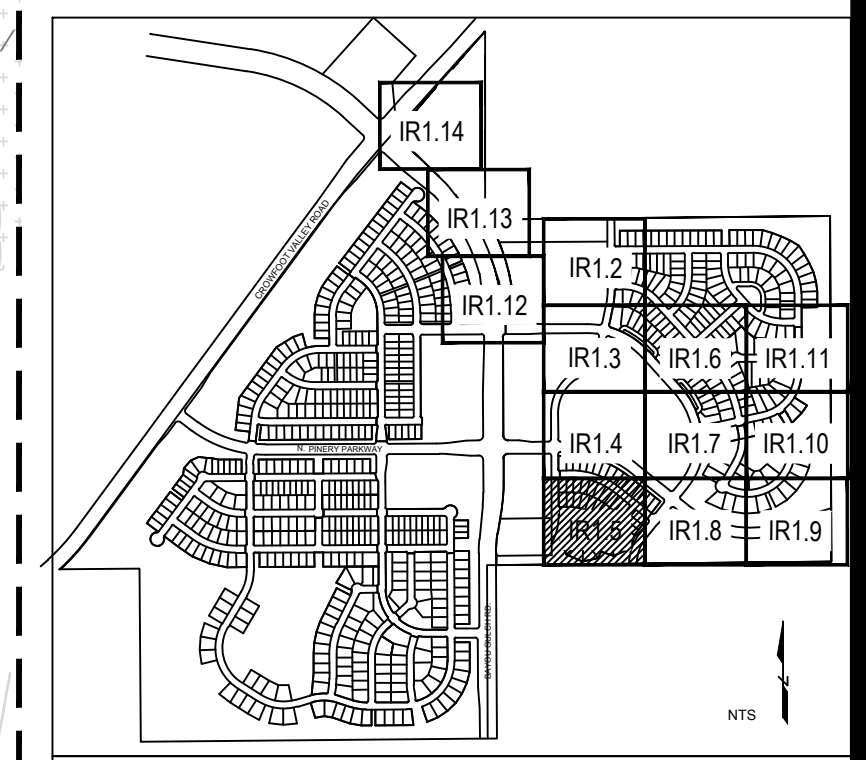
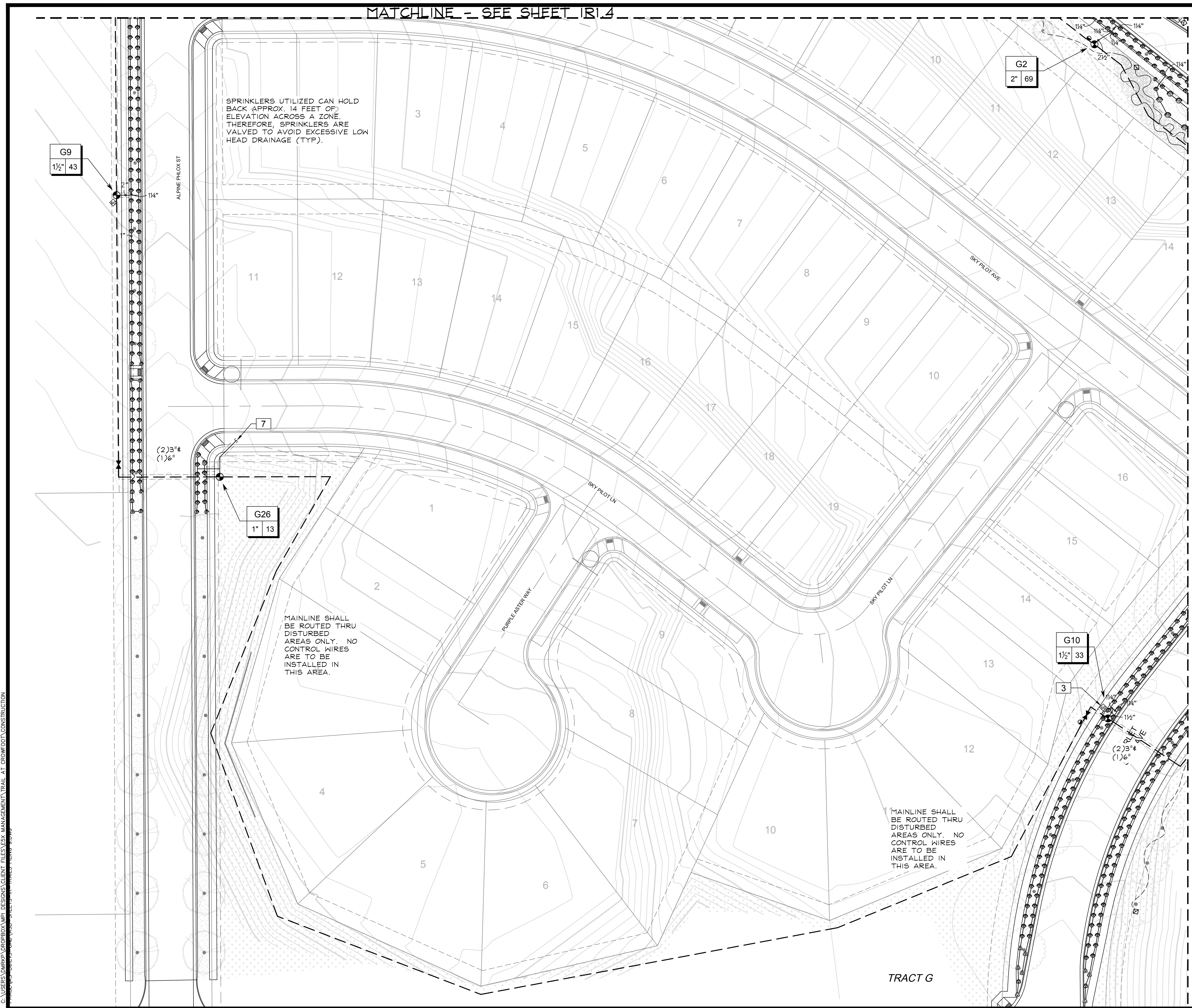
N. PINERY PKWY.  
(R.O.W. WIDTH VARIES)



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MATCHLINE - SEE SHEET IR1.4

MATCHLINE - SEE SHEET IR1.9



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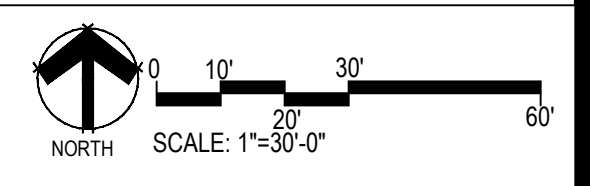
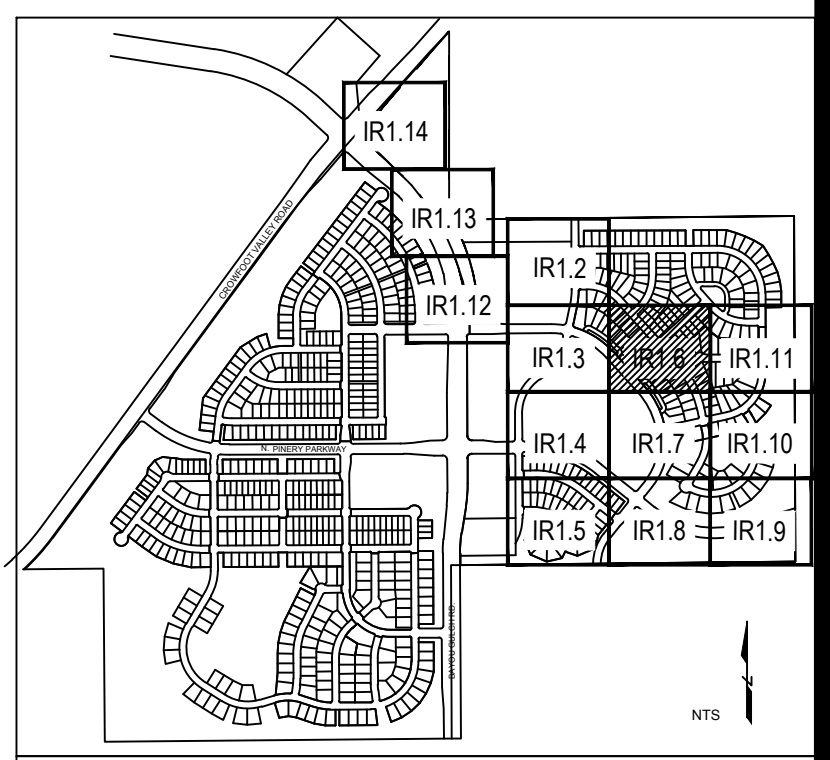
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FILING NO. 9  
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IRRIGATION PLANS-RECORD DRAWINGS

Drawn by: MLP  
Checked by: TEAM  
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Sheet Name: IRRIGATION PLAN

Sheet Number: IR1.5

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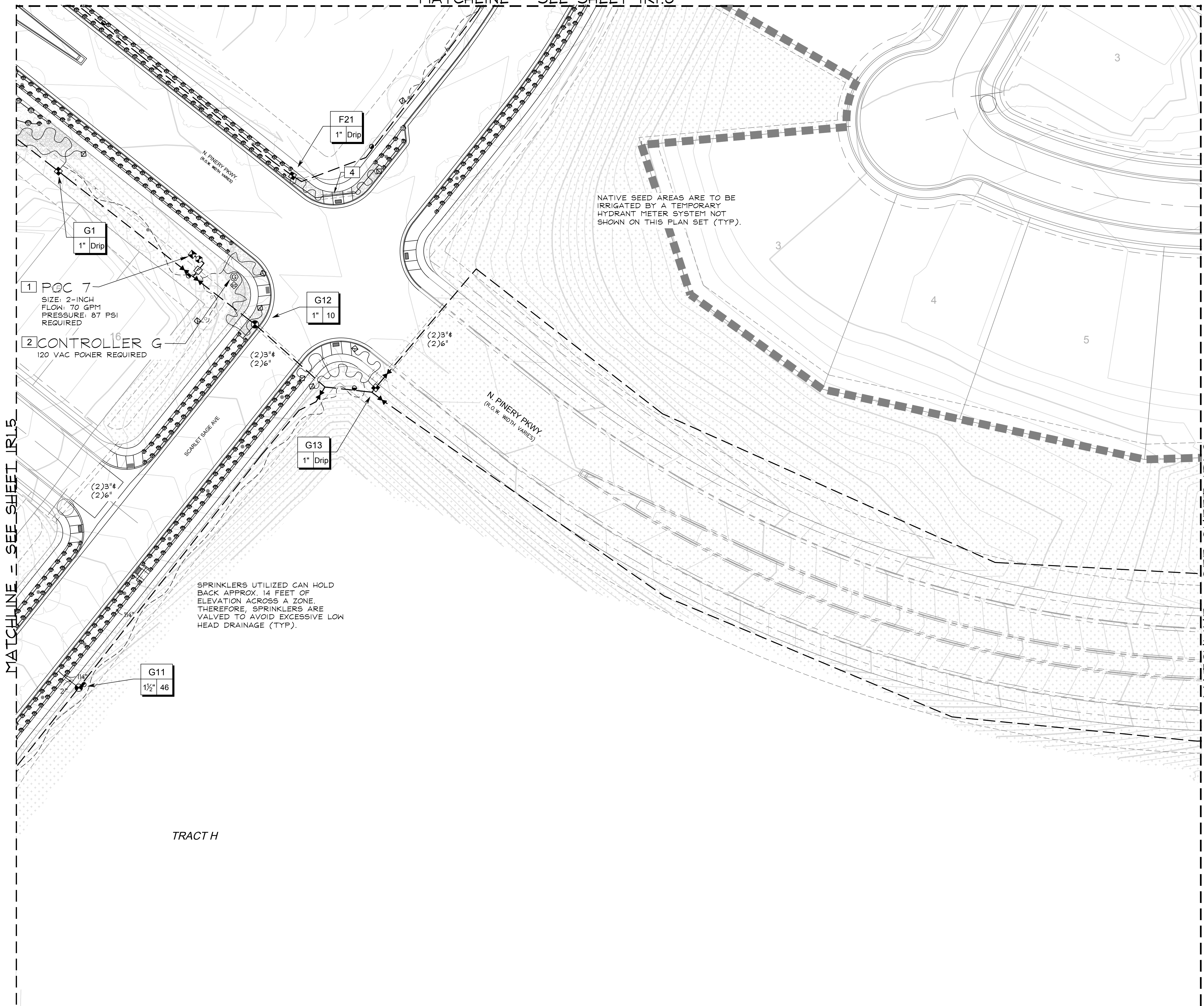
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■ Sheet Number ■  
**IR1.6**



MATCHLINE - SEE SHEET IR1.8



NATIVE SEED AREAS ARE TO BE IRRIGATED BY A TEMPORARY HYDRANT METER SYSTEM NOT SHOWN ON THIS PLAN SET (TYP).

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1 POC 7  
 SIZE: 2-INCH  
 FLOW: 70 GPM  
 PRESSURE: 87 PSI  
 REQUIRED

2 CONTROLLER G  
 120 VAC POWER REQUIRED

G1  
1" Drip

G12  
1" 10

G13  
1" Drip

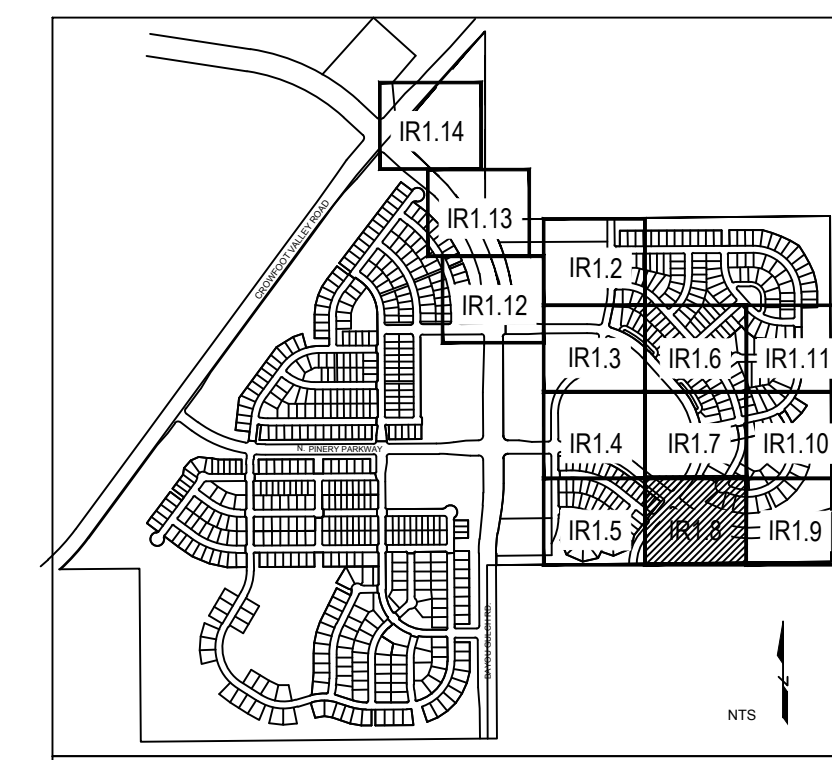
G11  
1 1/2" 46

F21  
1" Drip

MATCHLINE - SEE SHEET IR1.5

MATCHLINE - SEE SHEET IR1.9

TRACT H



KEY MAP

NORTH SCALE: 1"=30'-0"

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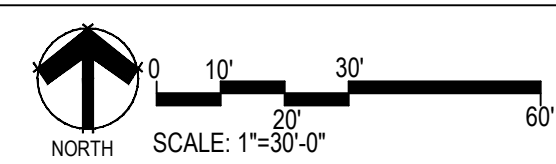
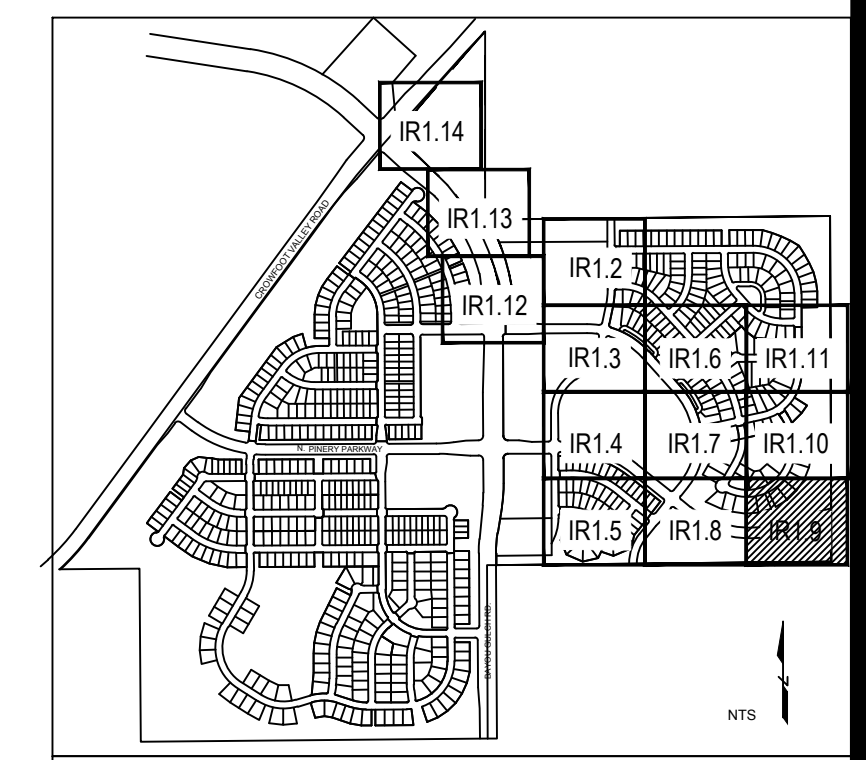
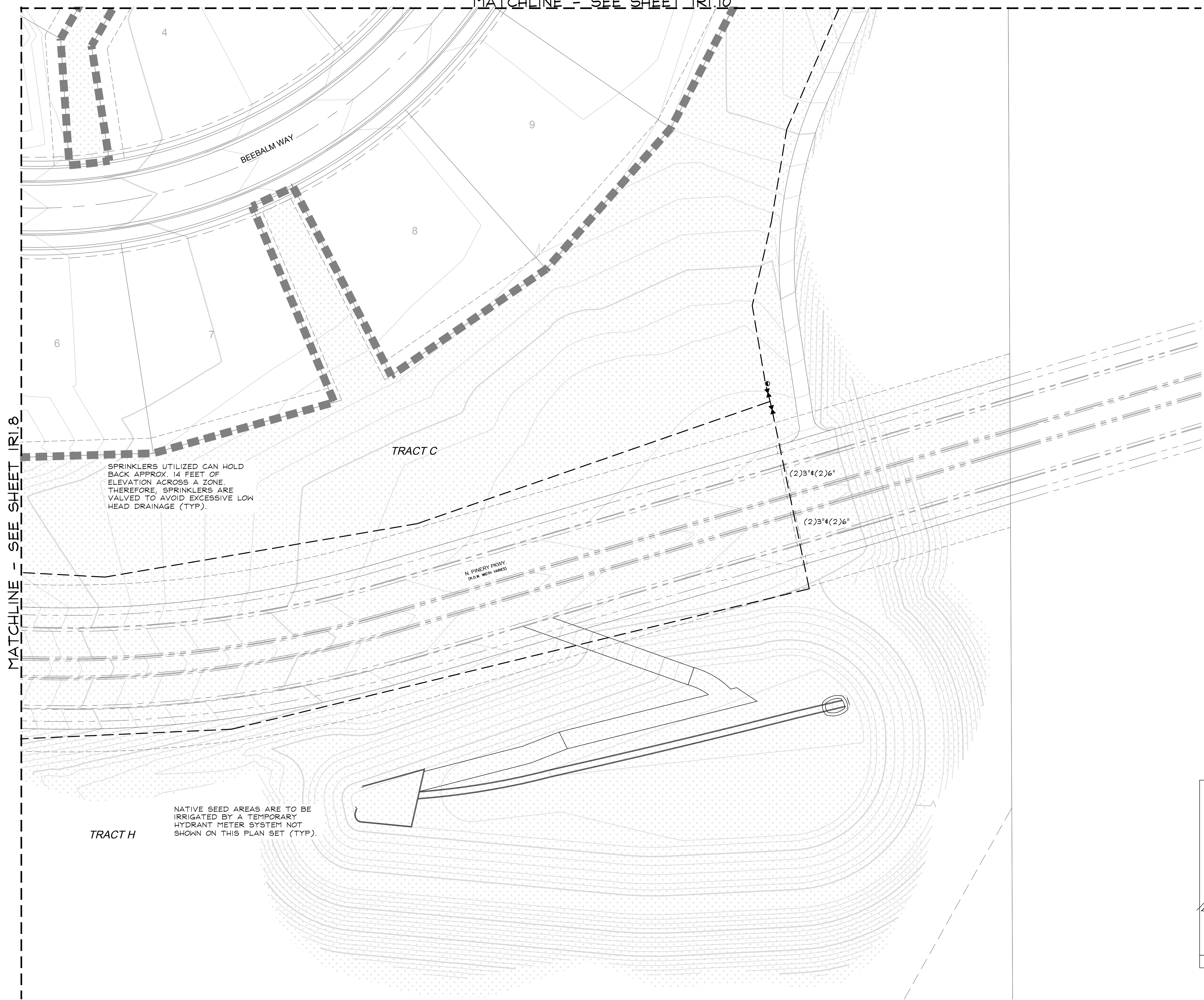
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IRRIGATION PLAN

Sheet Number  
**IR1.8**

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MATCHLINE - SEE SHEET IRI.8



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MATCHLINE - SEE SHEET IRI.11

MATCHLINE - SEE SHEET IRI.7

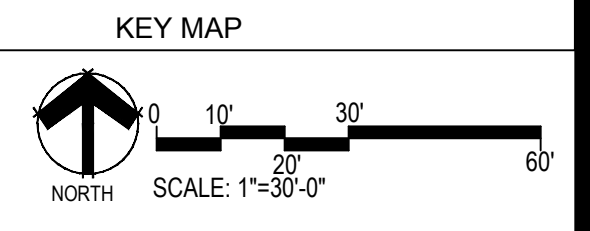
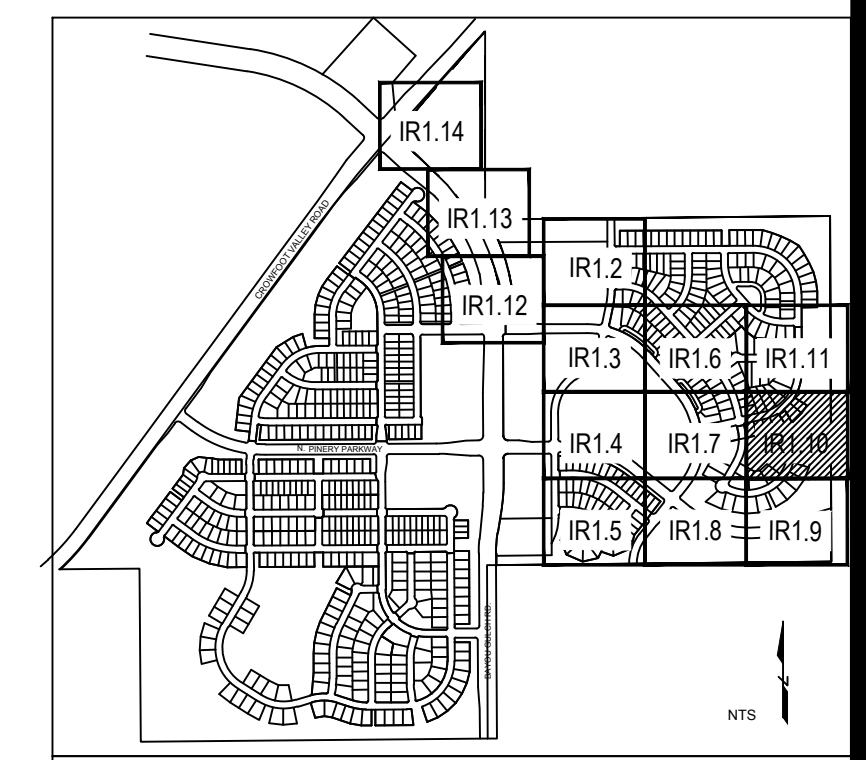
MATCHLINE - SEE SHEET IRI.9

TRACT J

BEREA HWY

(1) 3" #  
(1) 6"

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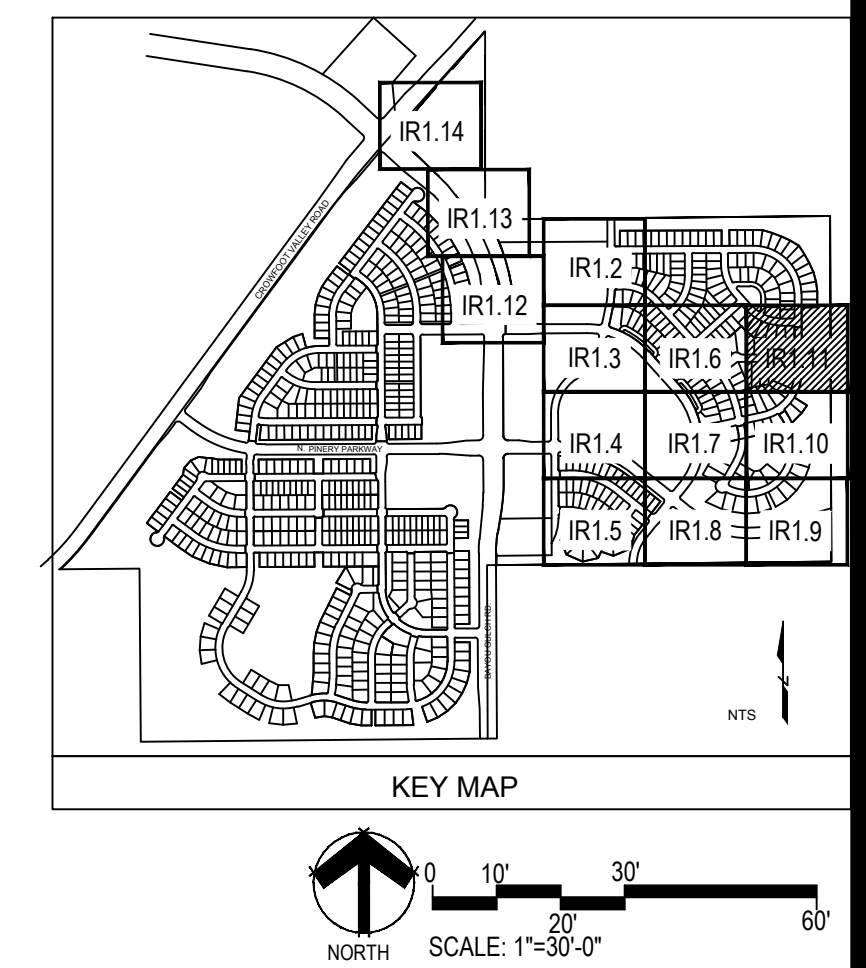
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Sheet Name  
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Sheet Number  
 IRI.10

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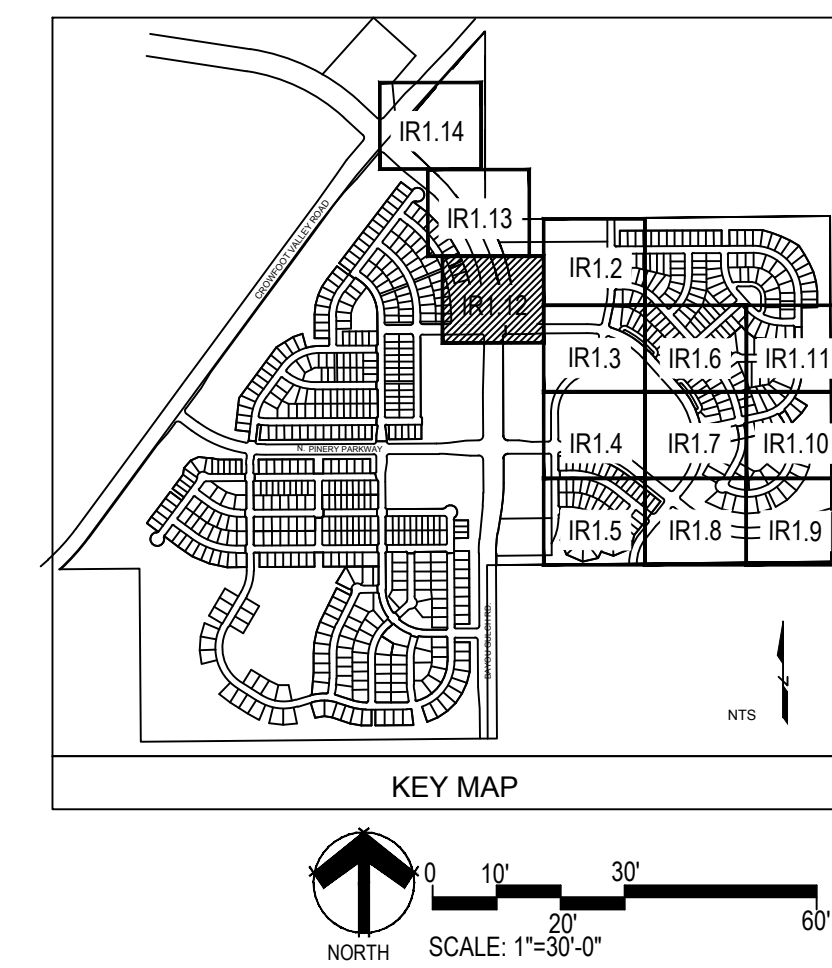
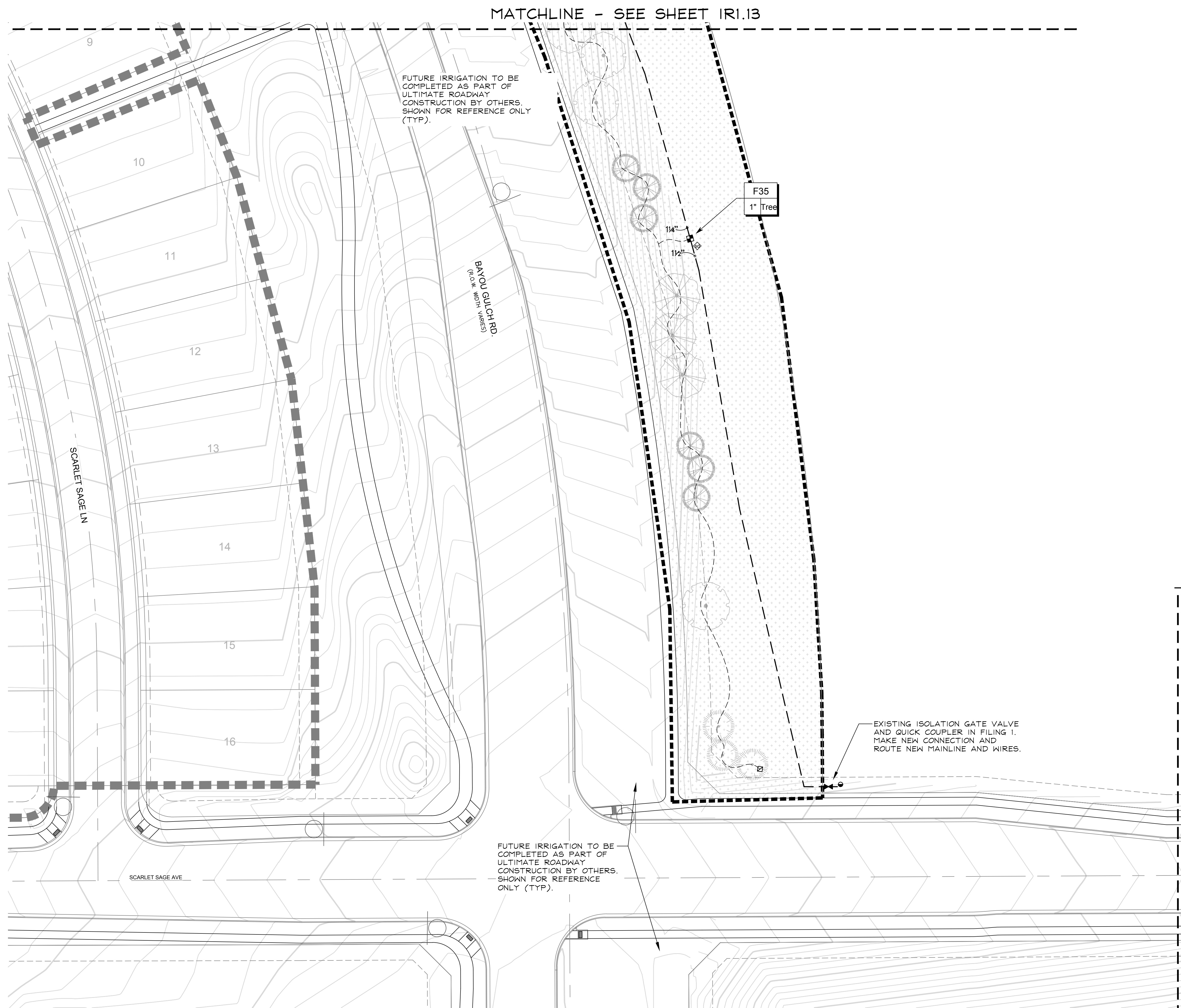
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■ Sheet Name ■  
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■ Sheet Number ■  
**IR1.11**

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 ESX MANAGEMENT  
 7353 SOUTH ALTON WAY  
 CENTENNIAL, CO 80112

■ Irrigation Design ■

■ Engineering ■

**CVL**  
 CONSULTANTS

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**TRAILS AT CROWFOOT**  
 FILING NO. 9  
 PARKER, COLORADO

IRRIGATION PLANS-RECORD DRAWINGS

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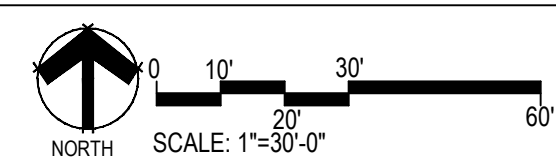
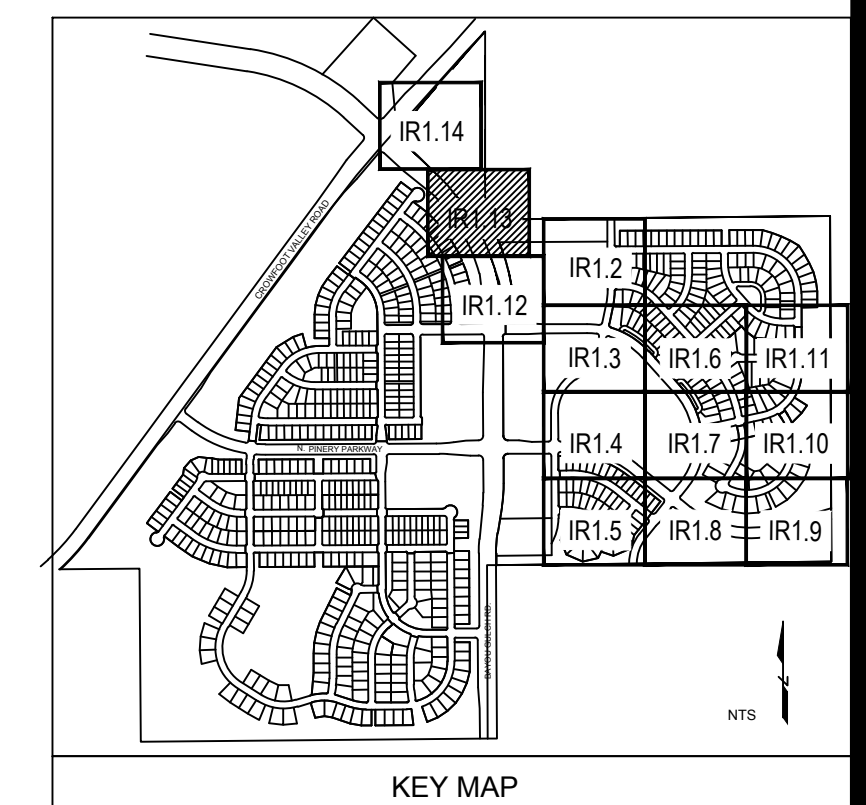
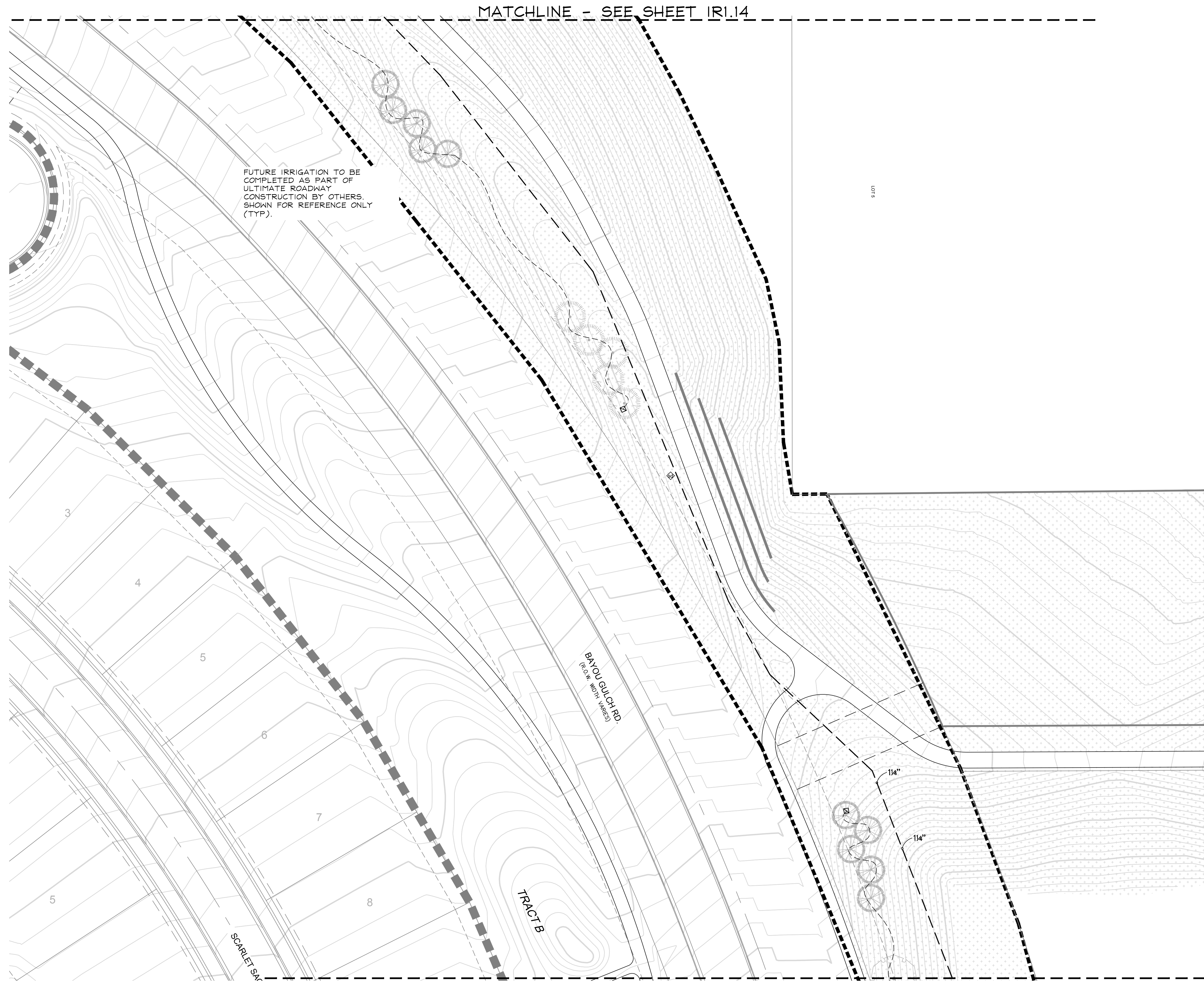
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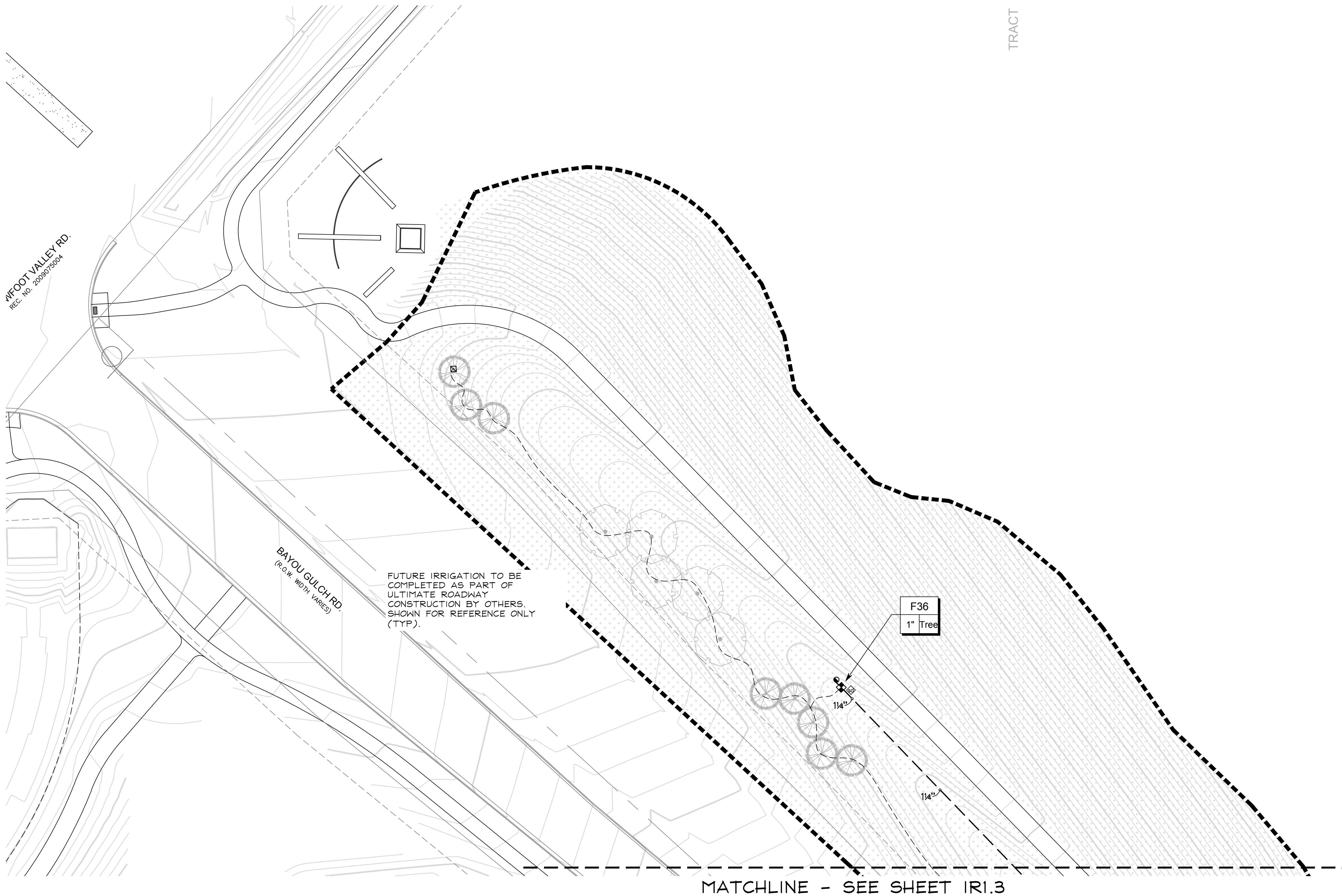
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**TRAILS AT CROWFOOT**  
FILING NO. 9  
PARKER, COLORADO  
IRRIGATION PLANS-RECORD DRAWINGS

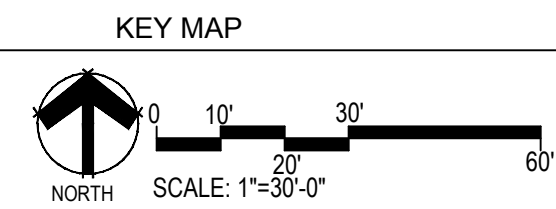
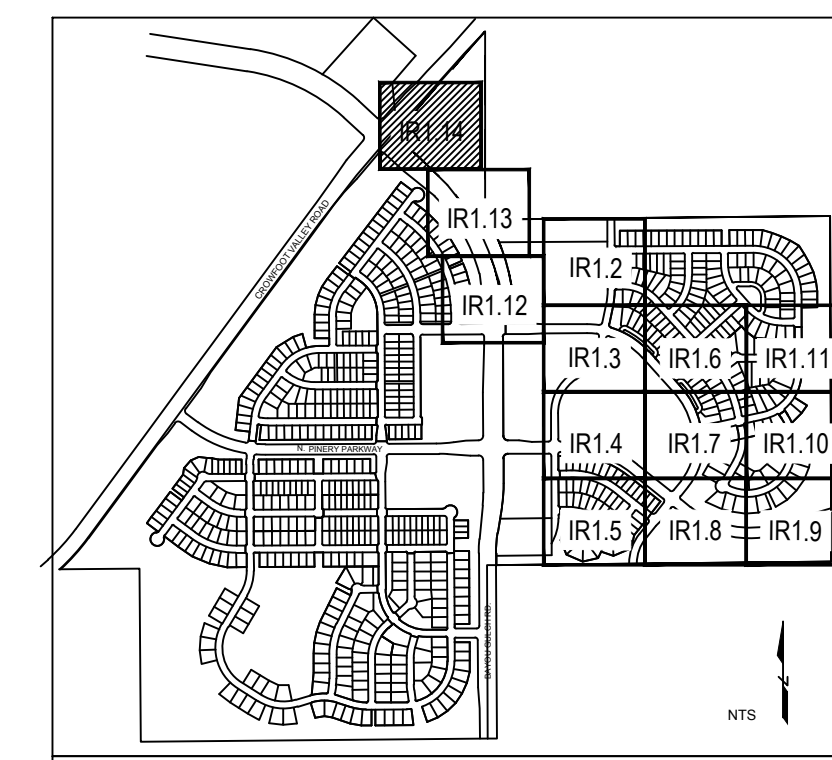
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IR1.14




MATCHLINE - SEE SHEET IRI.3



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**TRAILS AT CROWFOOT**  
 FILING NO. 9  
 PARKER, COLORADO

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■ Sheet Number ■  
**IR1.15**

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# TRAILS AT CROWFOOT

Prepared For

ESX MANAGEMENT  
7353 SOUTH ALTON WAY  
CENTENNIAL, CO 80112

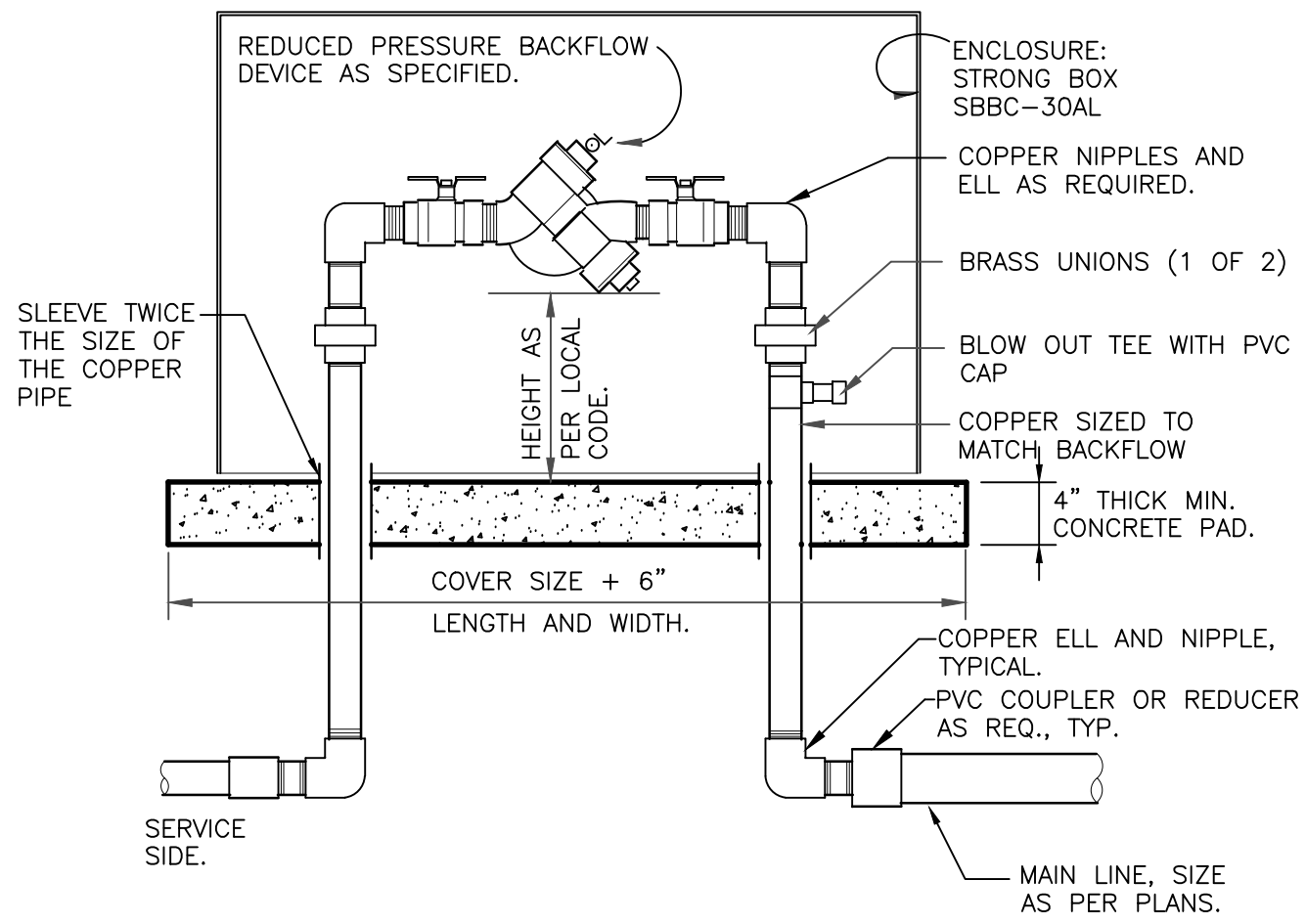
Irrigation Design

Engineering



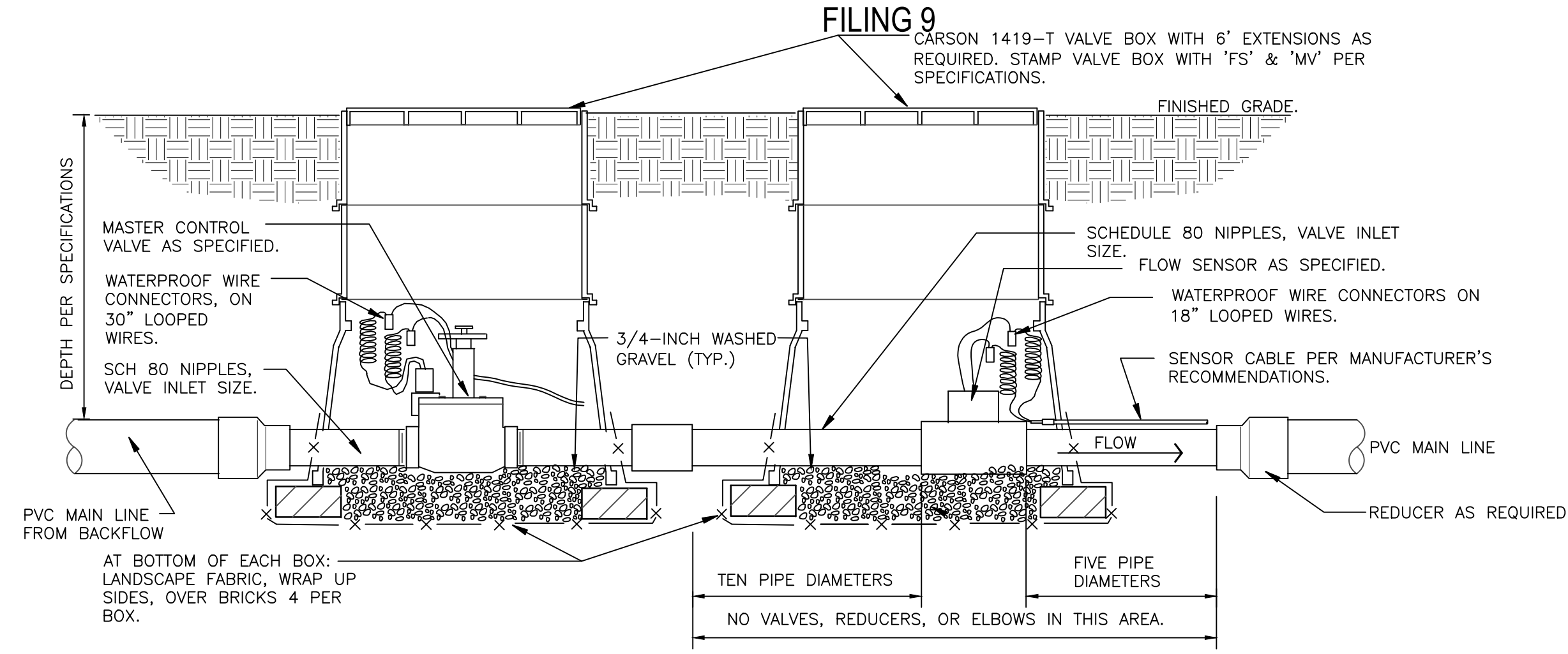
10333 E. DRY CREEK RD. #240  
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TRAILS AT CROWFOOT  
FILING NO. 9  
PARKER, COLORADO  
IRRIGATION PLANS-RECORD DRAWINGS



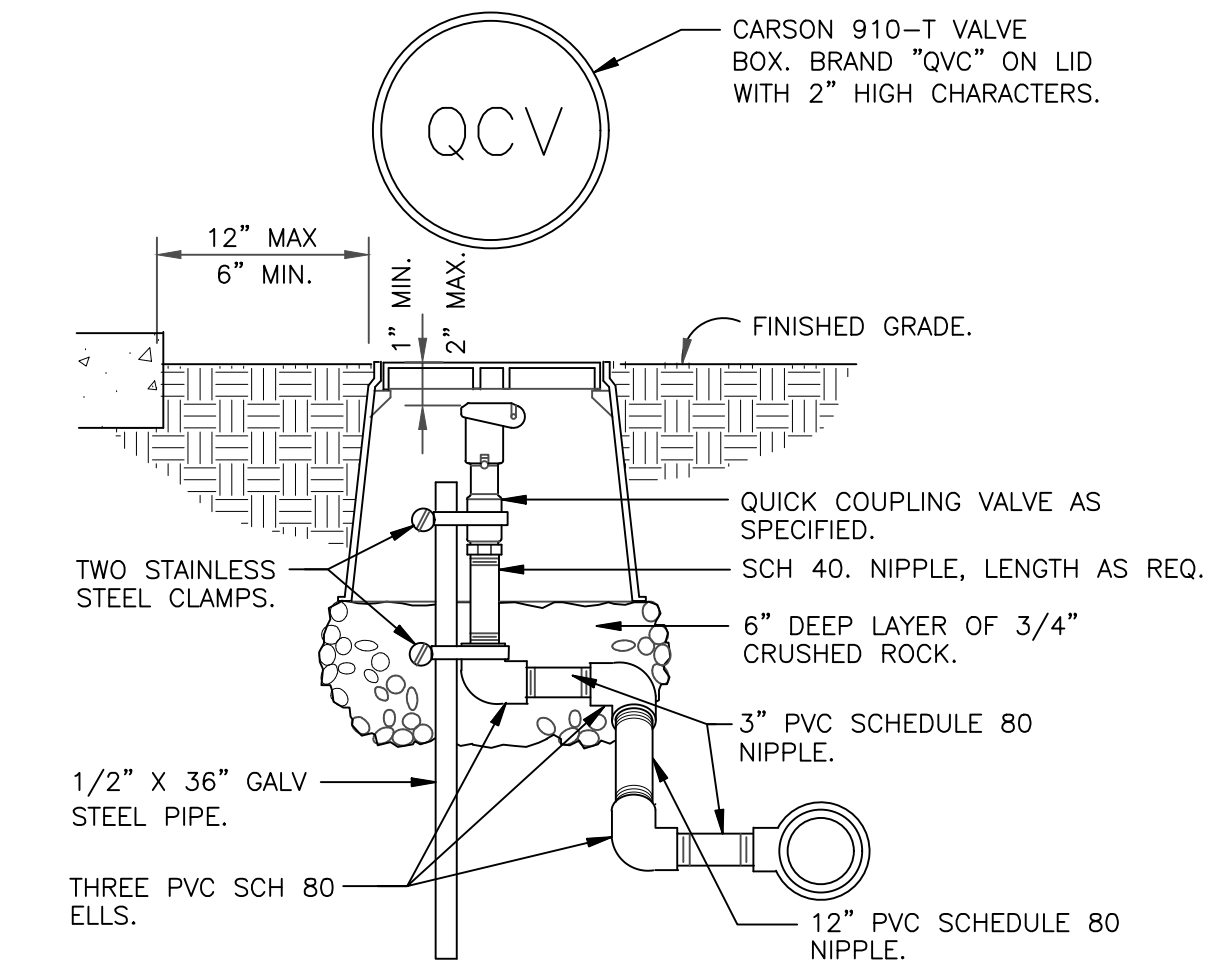
- NOTES:
1. INSTALL BACKFLOW DEVICE IN ACCORDANCE WITH ALL STATE AND LOCAL CODE REQUIREMENTS.
  2. SLOPE TOP SURFACE OF PAD AT 0.5% WITH BROOM FINISH. MAKE PIPE SLEEVES WITH 1-1/2" INCH LARGER DIAMETER PIPE THAN PENETRATING PIPE SIZE.
  3. ALL HINGED CONNECTION LOCATIONS AND HARDWARE TO BE TAMPER PROOF.
  4. ALL WELD JOINTS SHALL BE CONTINUOUS AND GROUND SMOOTH.

**RP BACKFLOW W/ ENCLOSURE**  
1" = 1'-0" 328409.46-03



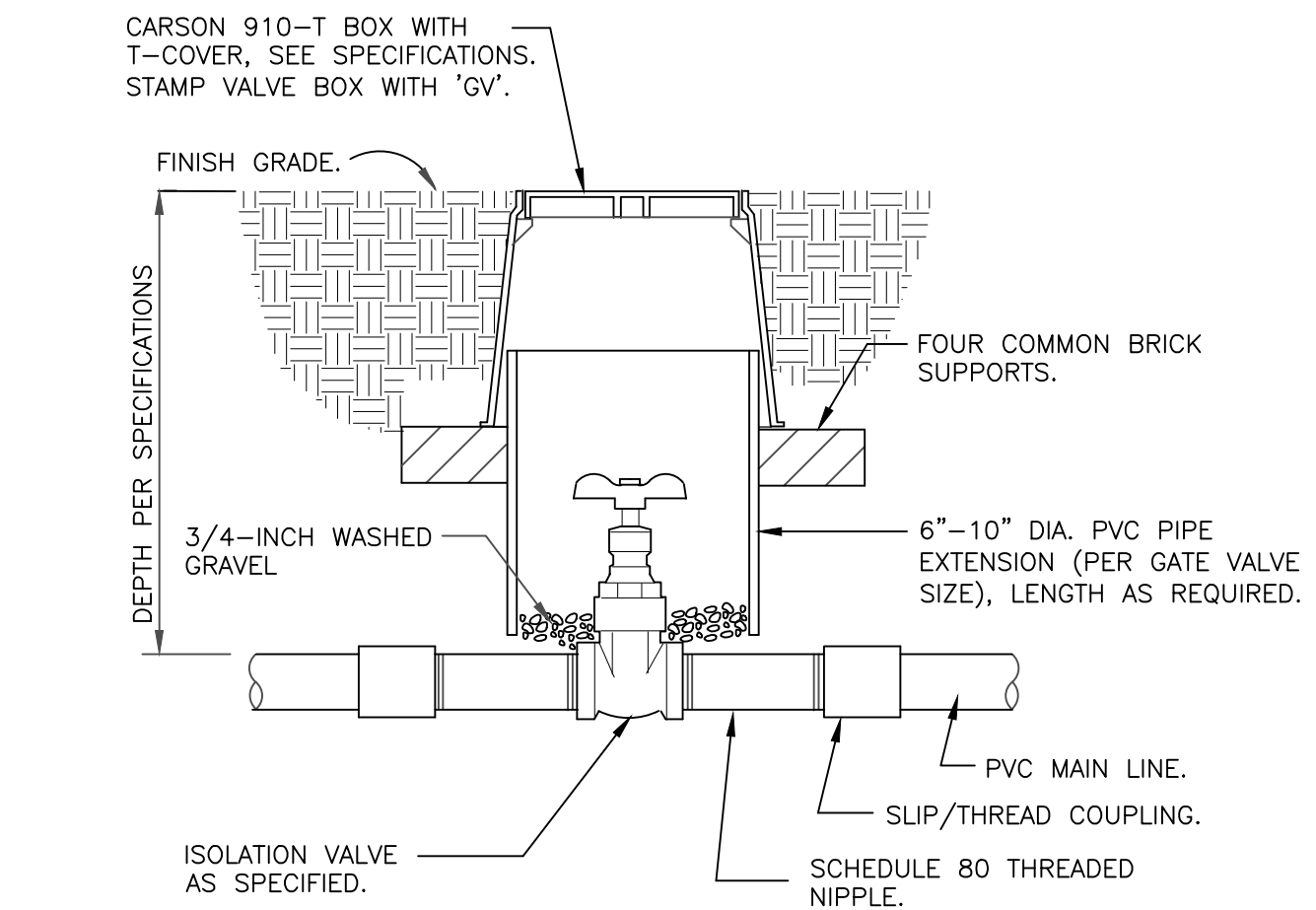
- NOTE:
1. REFER TO CONTROLLER MANUFACTURER'S RECOMMENDATIONS FOR WIRING MASTER VALVE AND FLOW SENSOR.
  2. SENSOR DECODER'S NOT AVAILABLE ON ALL CONTROLLERS. VALVES MAY BE DIRECTLY WIRED INTO CONTROLLER.

**MASTER VALVE/FLOW SENSOR ON DECODER**  
1 1/2" = 1'-0" 32 8406.23-11



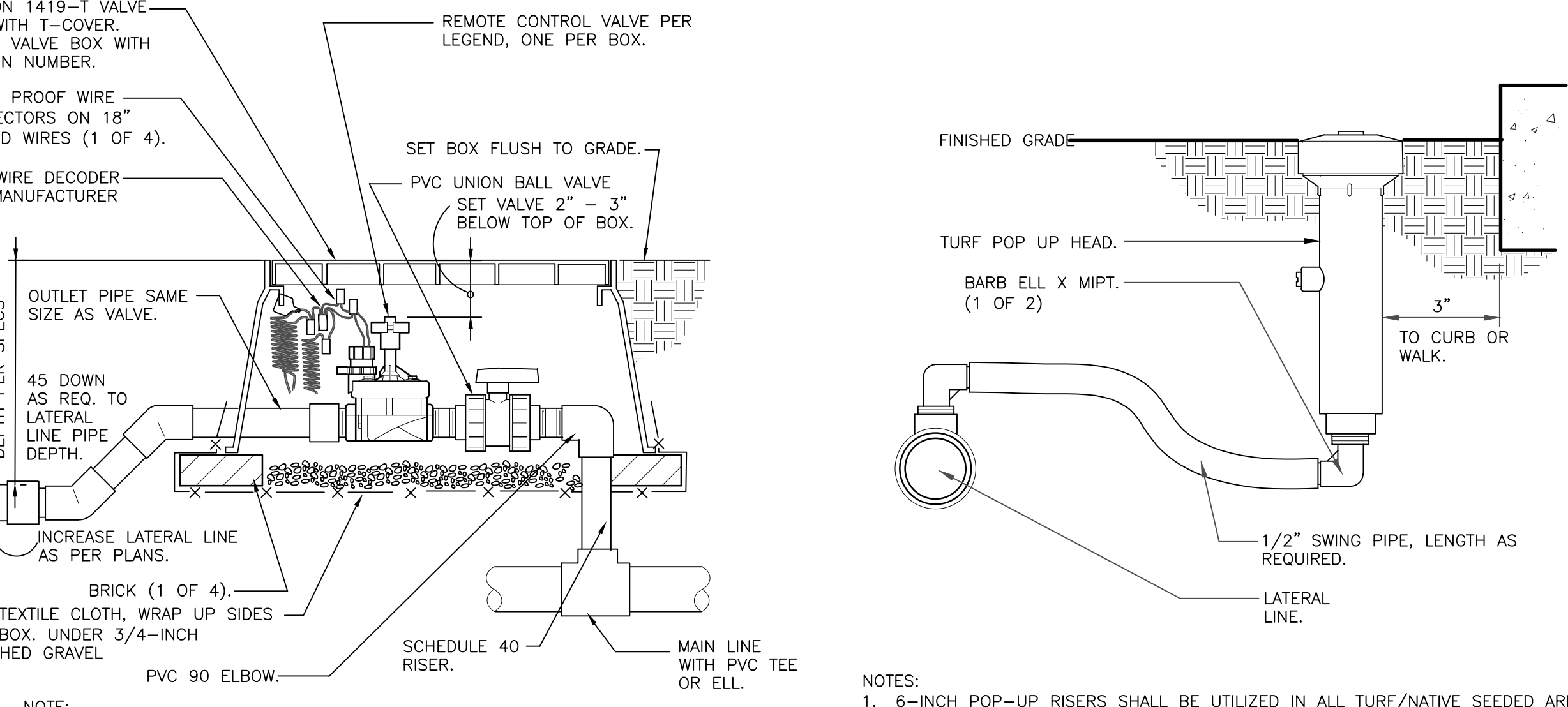
NOTE: PRE-FABRICATED SWING JOINT ASSEMBLY MAY BE UTILIZED.

**QUICK COUPLING VALVE IN BOX**  
1 1/2" = 1'-0" 328406.43-02



NOTE: VALVE SHALL HAVE CROSS HANDLE FOR EASE OF MAINTENANCE

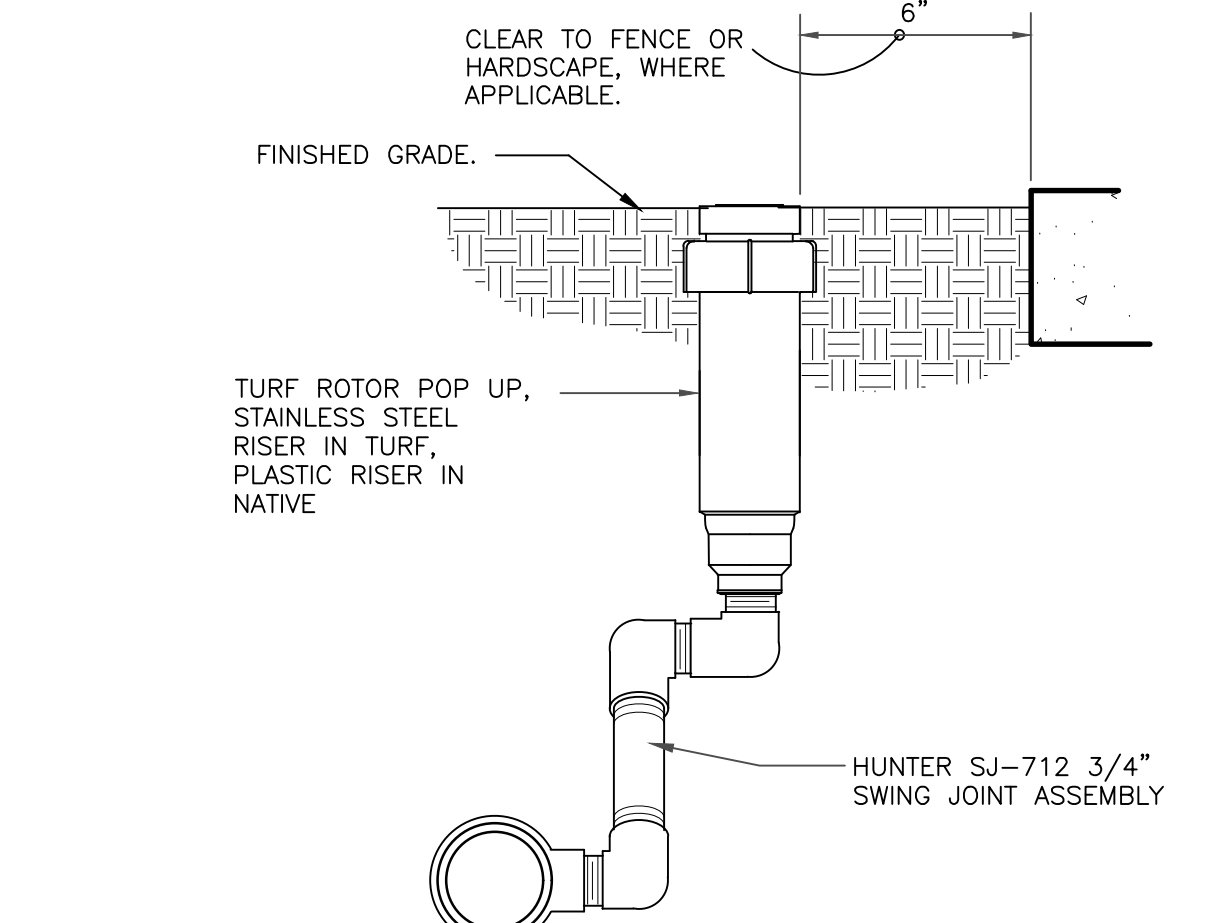
**ISOLATION GATE VALVE**  
1 1/2" = 1'-0" 328406.33-01



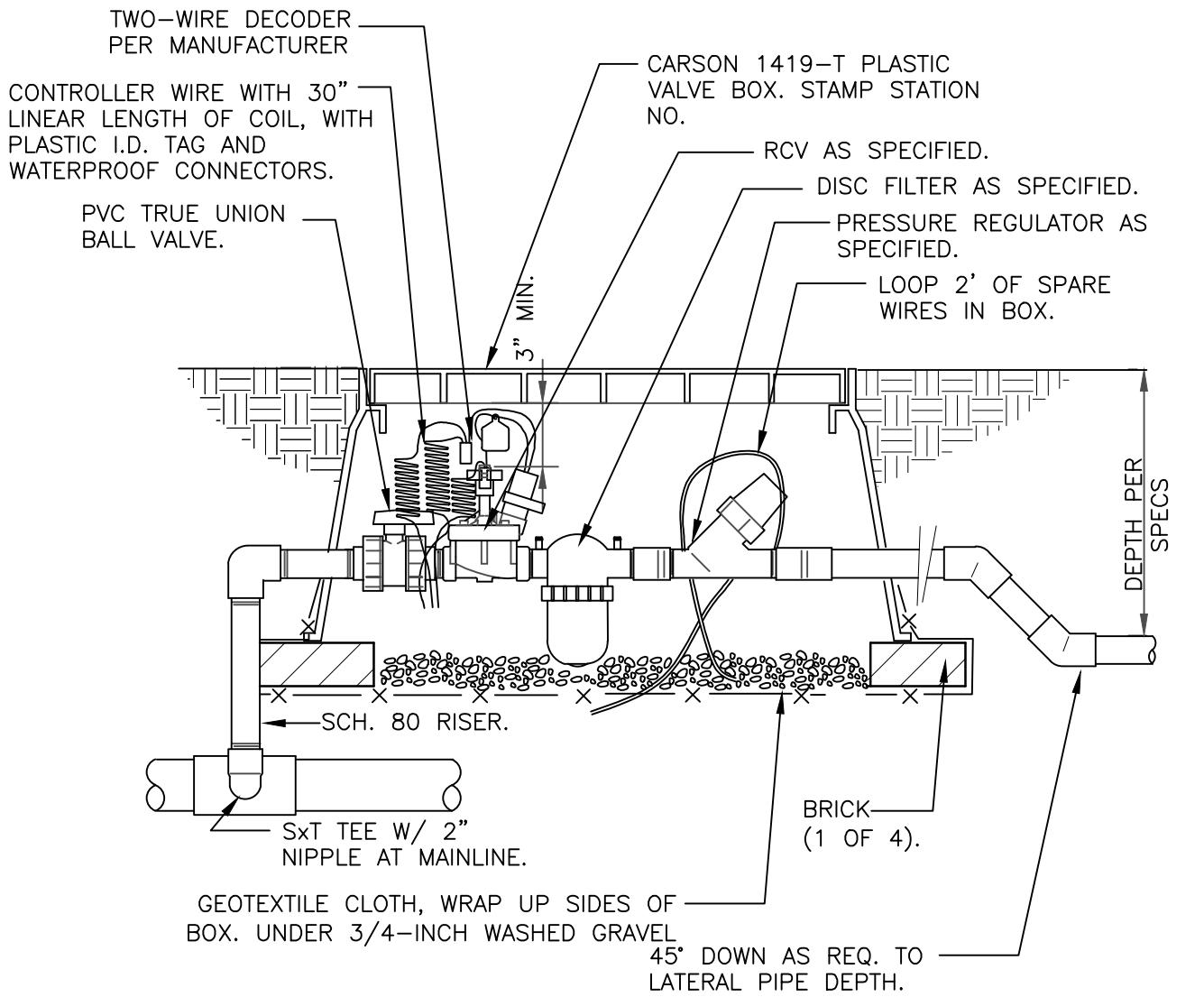
NOTE:

1. 6-INCH POP-UP RISERS SHALL BE UTILIZED IN ALL TURF/NATIVE SEEDING AREAS.
2. SIDE INLET SHALL NOT BE UTILIZED.

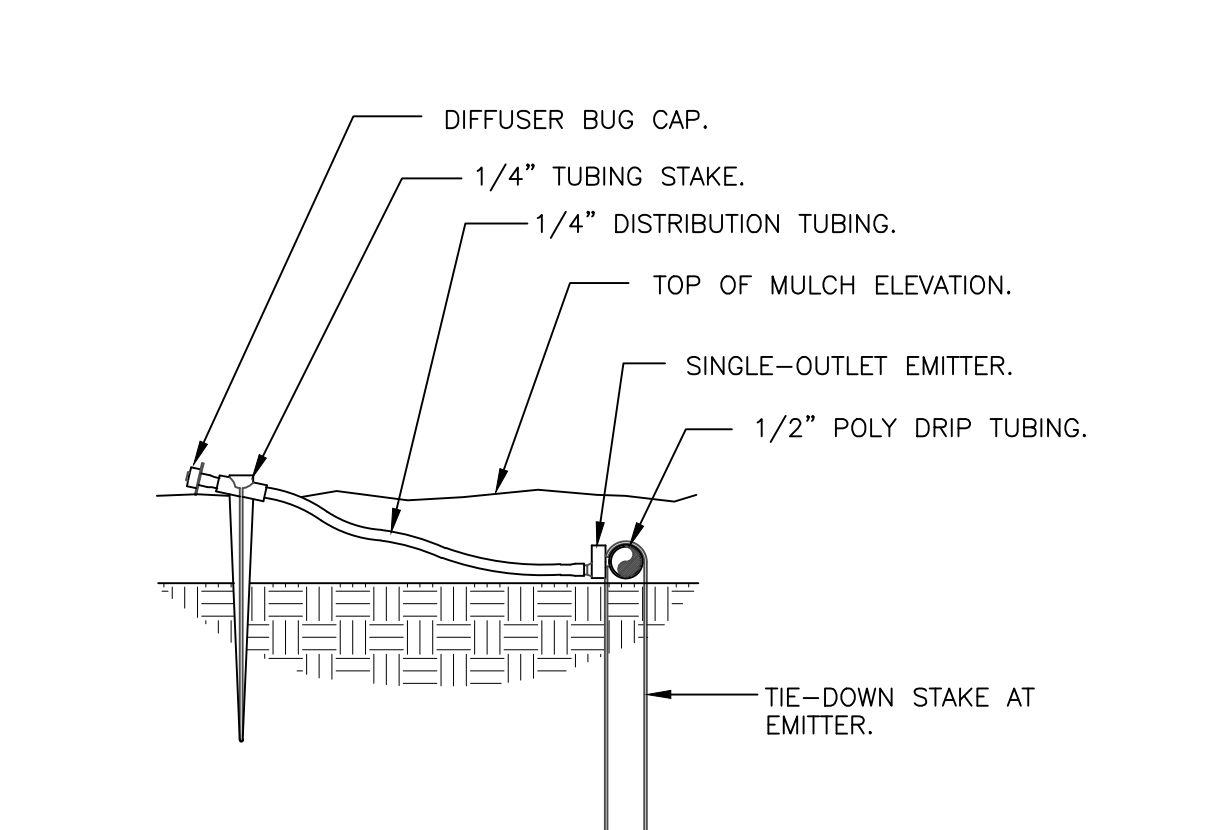
**REMOTE CONTROL TURF VALVE W/DECODER**  
1 1/2" = 1'-0" 32 8406.13-06



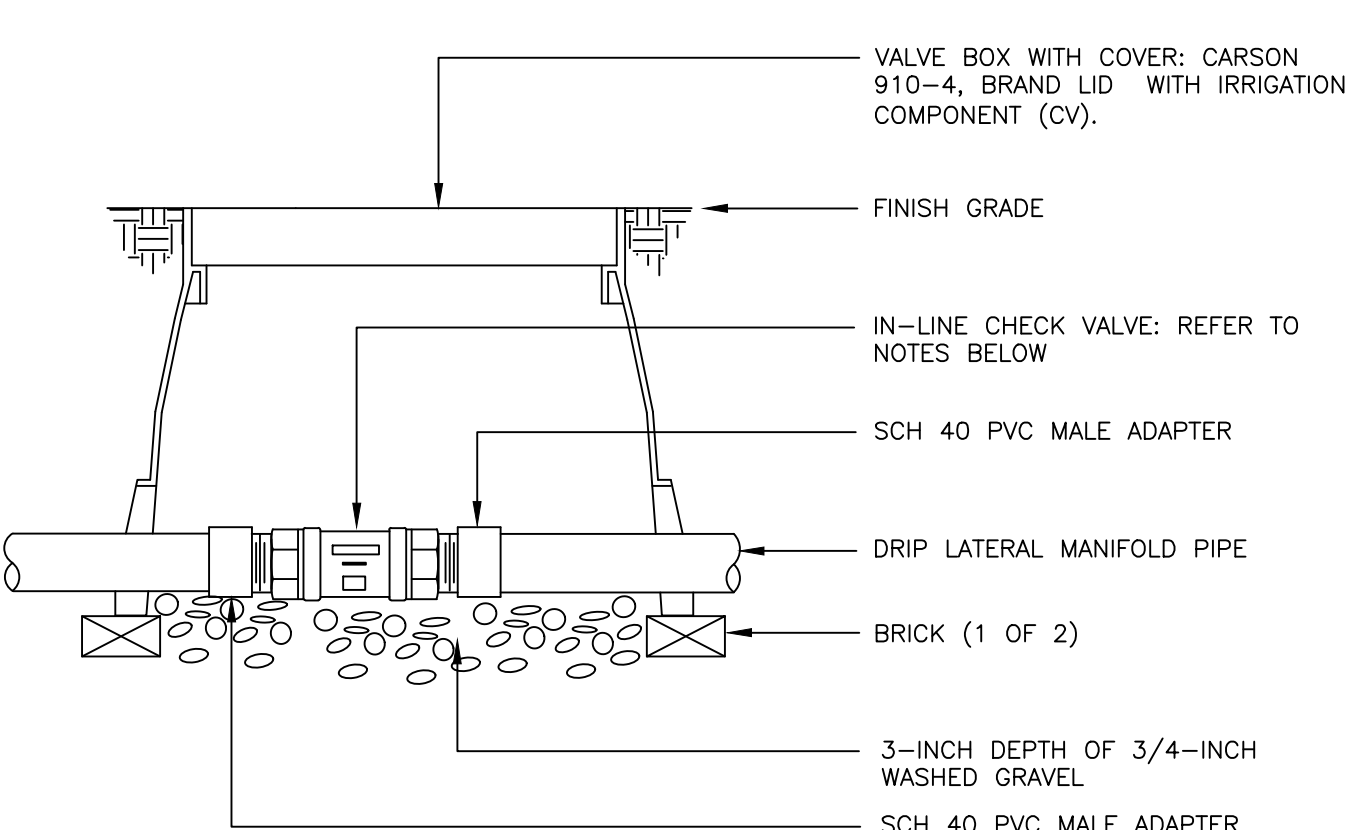
**GEAR-DRIVEN ROTOR ASSEMBLY**  
3" = 1'-0" 328403.16-01



**1" DRIP VALVE W/DISC FILTER W/DECODER**  
1 1/2" = 1'-0" 328413.76-16



**DRIP EMITTER AT 1/4" TUBING**  
3" = 1'-0" 328413.13-03



NOTES:

1. DRIP LATERALS WITH MORE THAN 4 GPM SHALL UTILIZE THE HUNTER HCV IN-LINE CHECK VALVE.
2. DRIP LATERALS WITH LESS THAN 4 GPM SHALL UTILIZE THE NETAFIM TLV050M1-B IN-LINE CHECK VALVE.

**INLINE CHECK VALVE ASSEMBLY**  
N.T.S. 328413.49-34

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Sheet Name  
IRRIGATION DETAILS

Sheet Number

IR2.1

# TRAILS AT CROWFOOT

Prepared For  
 ESX MANAGEMENT  
 7353 SOUTH ALTON WAY  
 CENTENNIAL, CO 80112

Irrigation Design

Engineering

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TRAILS AT CROWFOOT  
 FILING NO. 9  
 PARKER, COLORADO

IRRIGATION PLANS-RECORD DRAWINGS

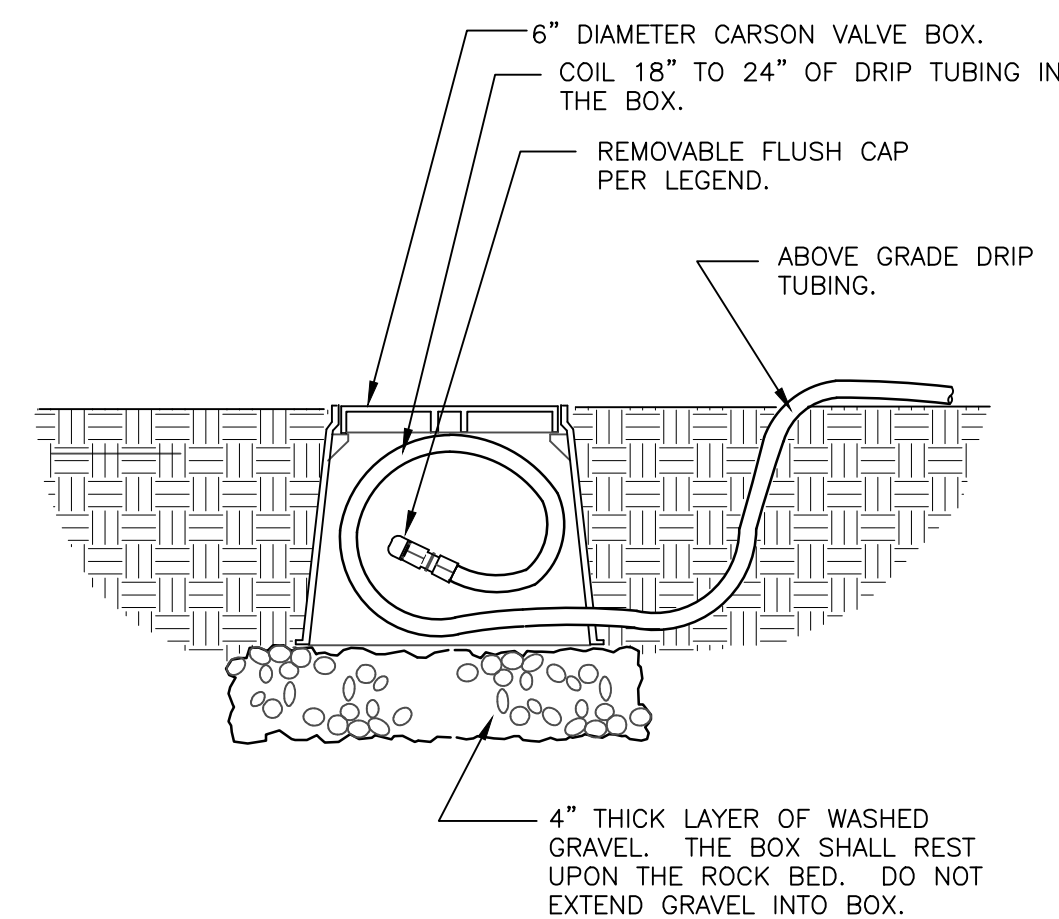
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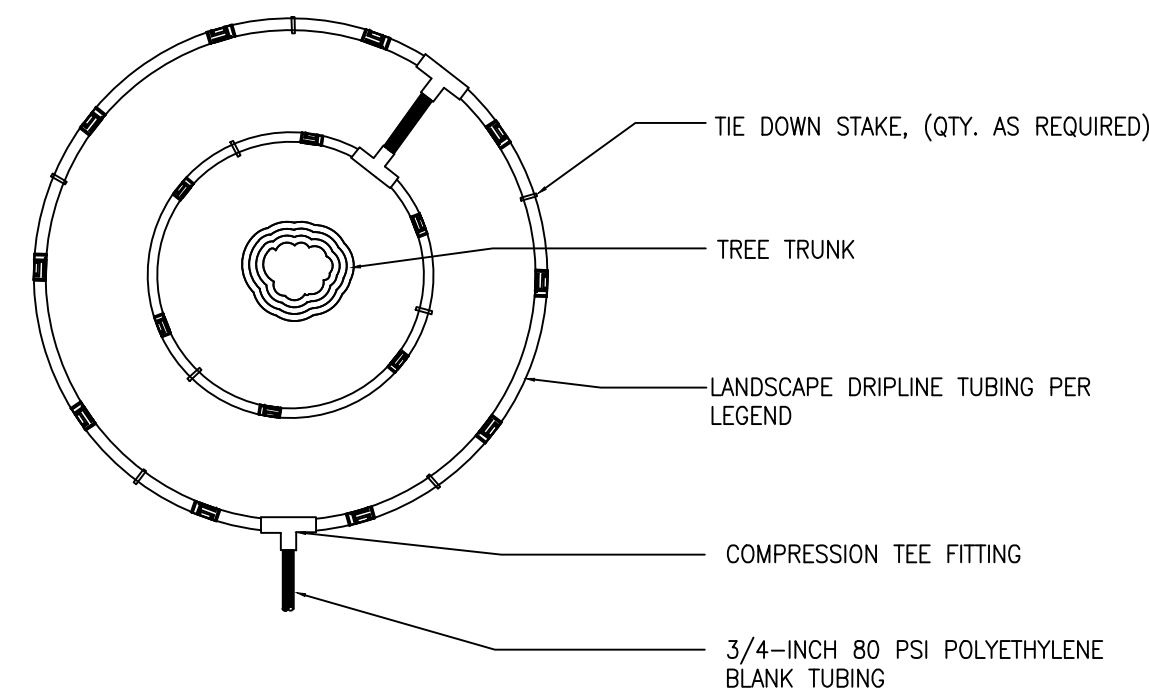
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Sheet Name  
 IRRIGATION DETAILS

Sheet Number  
**IR2.2**

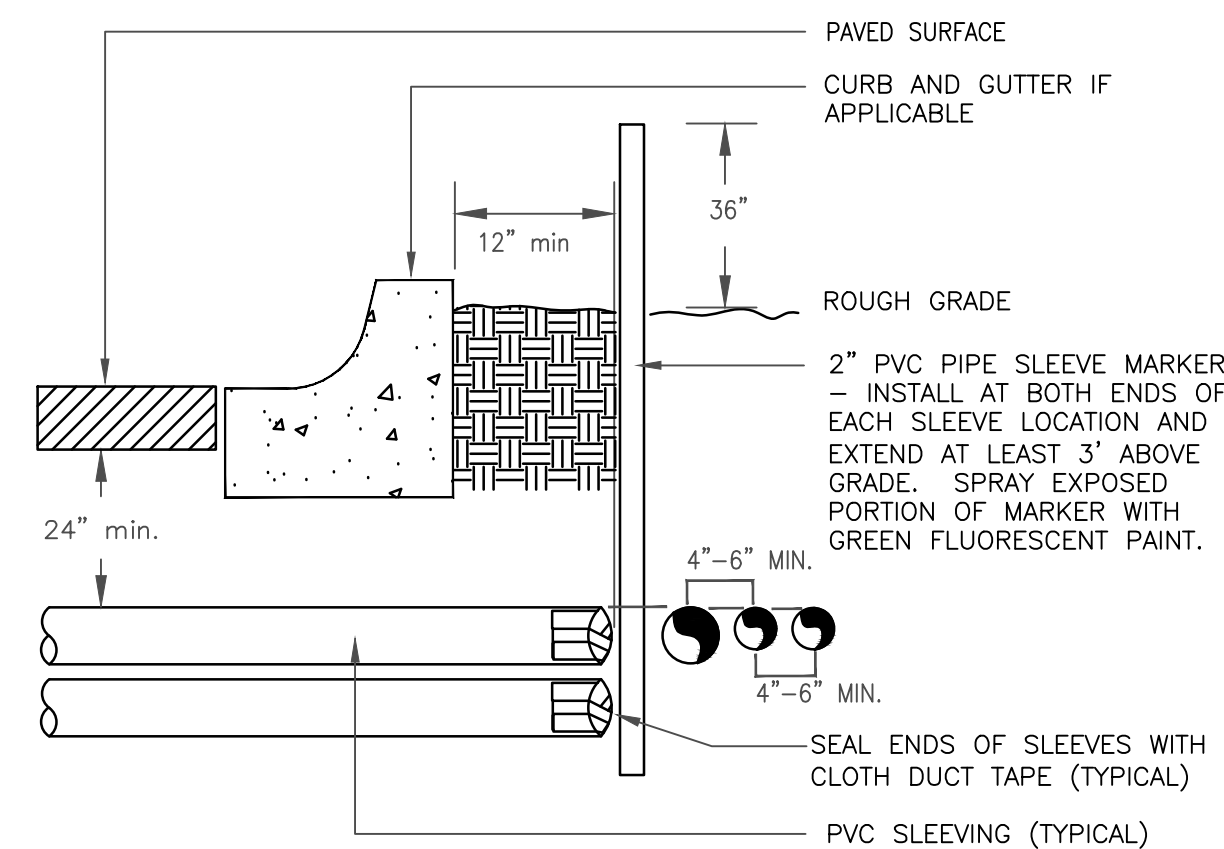


1. LOCATE FLUSH CAP ASSEMBLY AT THE END OF EACH DRIP LINE.
2. ENSURE THAT THE COILED DRIP TUBING IS OF SUFFICIENT LENGTH TO COMPLETELY EXTEND OUT OF THE VALVE BOX WHEN FLUSHING.

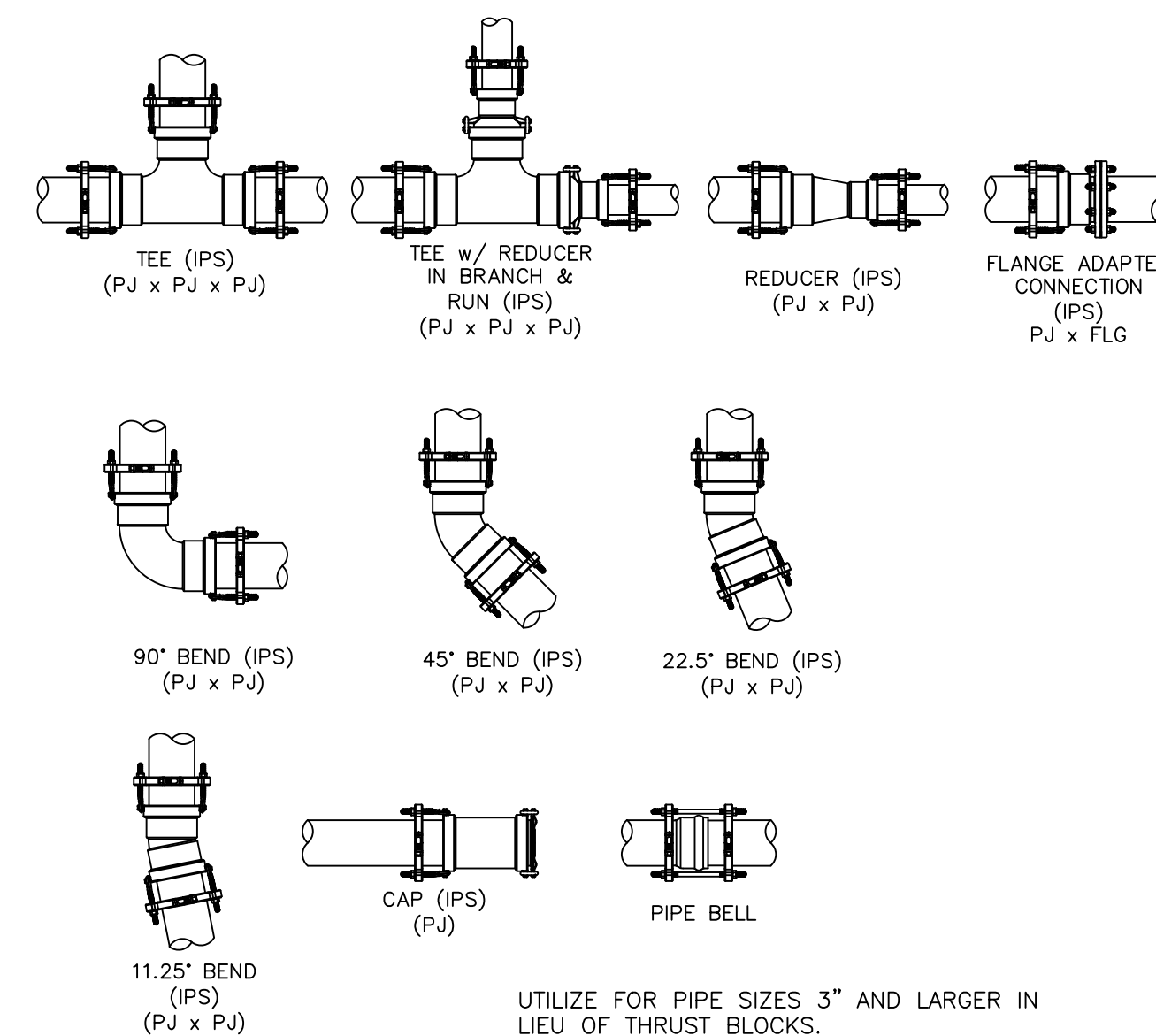


- NOTE:
1. CONTRACTOR SHALL INSTALL ALL DRIP TUBING IN NATIVE AREAS 2-3" BELOW GRADE IF MULCH IS NOT PRESENT. IF MULCH IS PRESENT, LAY TUBING ON FINISHED GRADE BELOW MULCH.
  2. DIAMETER OF DRIPLINE RINGS ARE DEPENDANT ON TREE CANOPY SIZE AND SHALL BE ADJUSTED IN THE FIELD PER CONTRACTOR. SUGGESTED PLACEMENT OF 3' DIAMETER AND 5' DIAMETER AROUND TREE.
  3. SHRUBS IN NATIVE SHALL UTILIZE A SINGLE TREE RING (UTILIZE INNER RING SHOWN ABOVE).
  4. TREE RINGS CAN BE UTILIZED ON TREES IN SHRUB BEDS.

## FILING 9



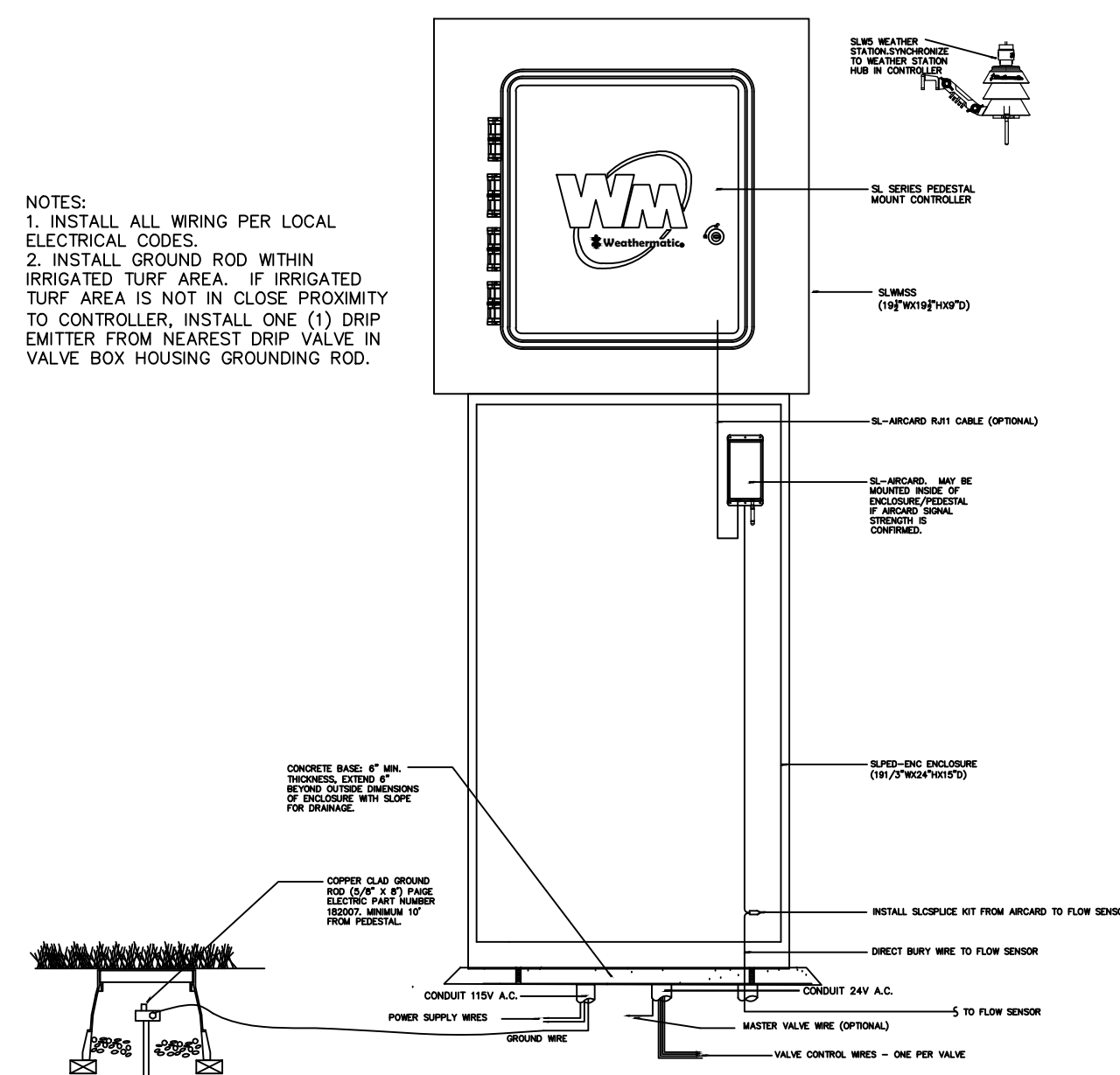
- NOTE:
- 1) ALL SLEEVING TO BE CLASS 200 BE PVC, SIZED AS NOTED.
  - 2) INSTALL SLEEVES IN SIDE-BY-SIDE CONFIGURATION WHERE MULTIPLE SLEEVES ARE TO BE INSTALLED. SPACE SLEEVES 4" TO 6" APART. DO NOT STACK SLEEVES VERTICALLY.



## DRIP FLUSH CAP ASSEMBLY

1 1/2" = 1'-0"

328413.49-06

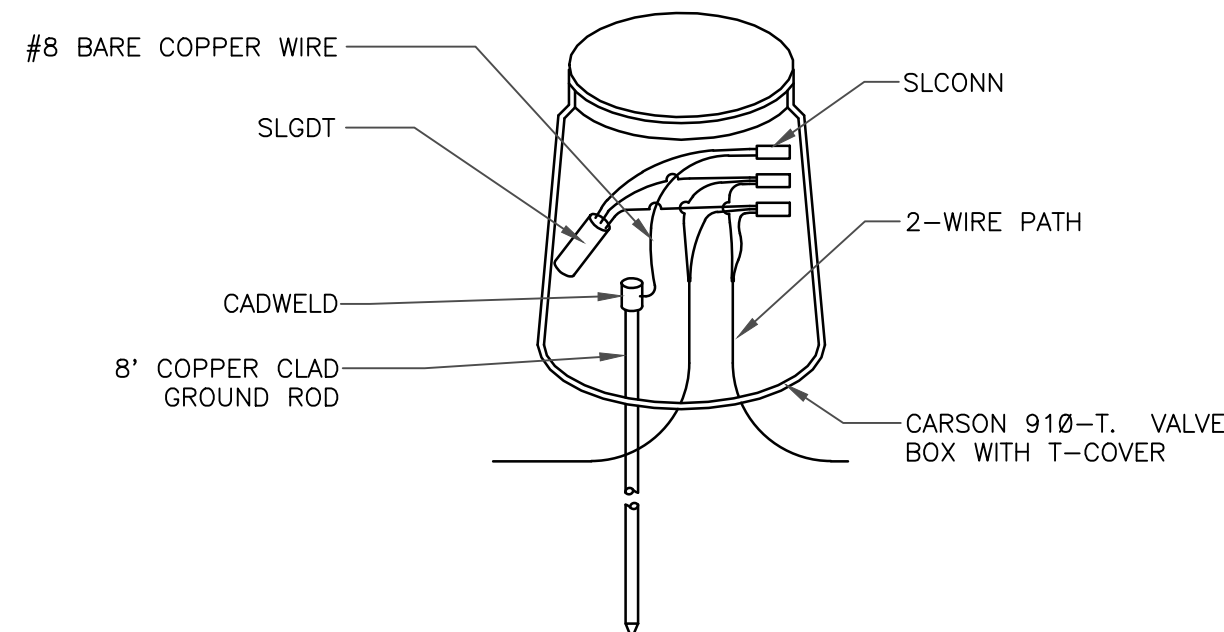


- NOTES:
1. INSTALL ALL WIRING PER LOCAL ELECTRICAL CODES.
  2. INSTALL GROUND ROD WITHIN IRRIGATED TURF AREA. IF IRRIGATED TURF AREA IS NOT IN CLOSE PROXIMITY TO CONTROLLER, INSTALL ONE (1) DRIP EMITTER FROM NEAREST DRIP VALVE IN VALVE BOX HOUSING GROUNDING ROD.

## INLINE DRIP RING FOR PLANTS IN NATIVE

N.T.S.

328413.56-40

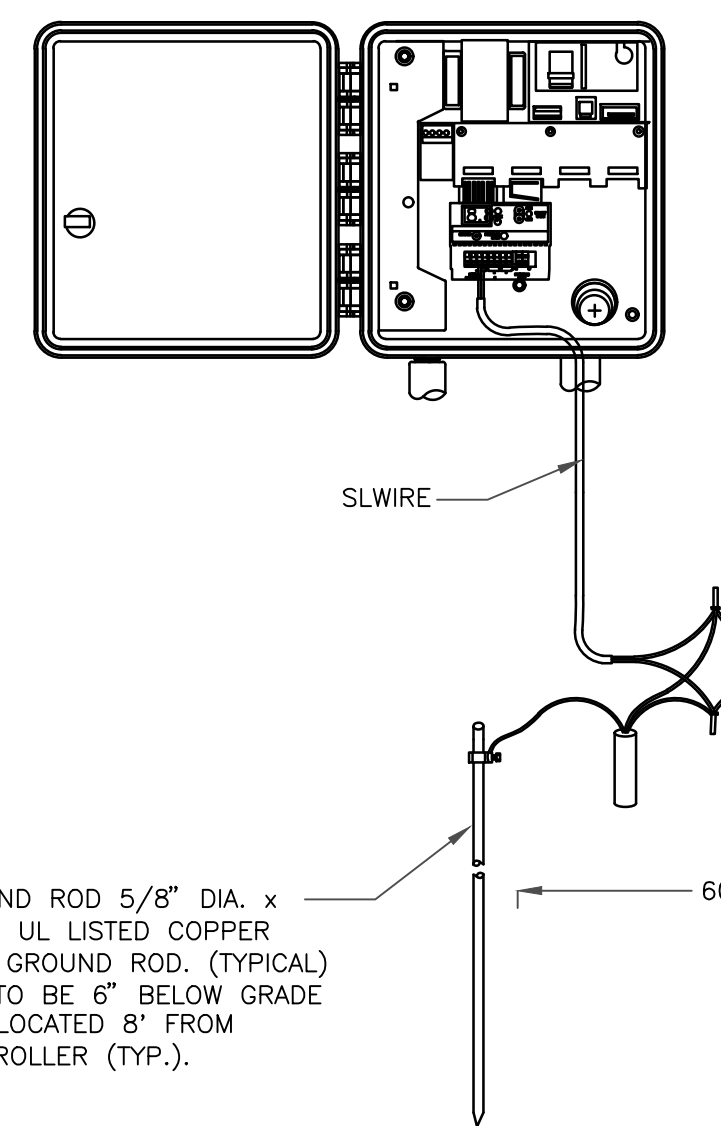


- NOTES:
1. ALL ELECTRICAL WORK MUST CONFORM TO LOCAL CODES. REFER TO PRODUCT LITERATURE FOR ADDITIONAL INSTALLATION REQUIREMENTS.
  2. INSTALL EVERY 600', AT CONTROLLER, AND END OF EVERY MAINLINE RUN. NOT SHOWN ON DESIGN PLANS.

## TYPICAL SLEEVE

N.T.S.

328409.76-21

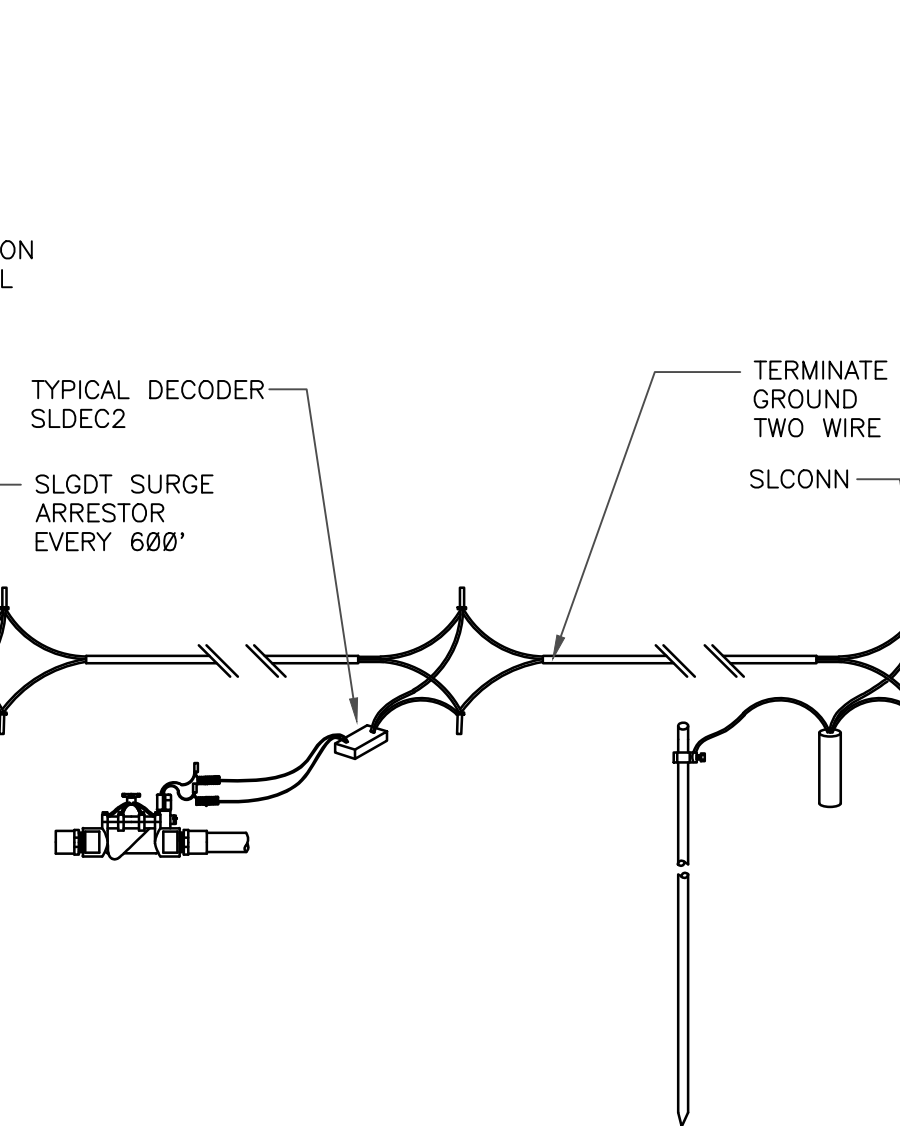


- GROUND ROD 5/8\" DIA. x 8'-0\" UL LISTED COPPER CLAD GROUND ROD, (TYPICAL) TOP TO BE 6\" BELOW GRADE AND LOCATED 8\" FROM CONTROLLER (TYP.).

## PIPE FITTING WITH JOINT RESTRAINT

N.T.S.

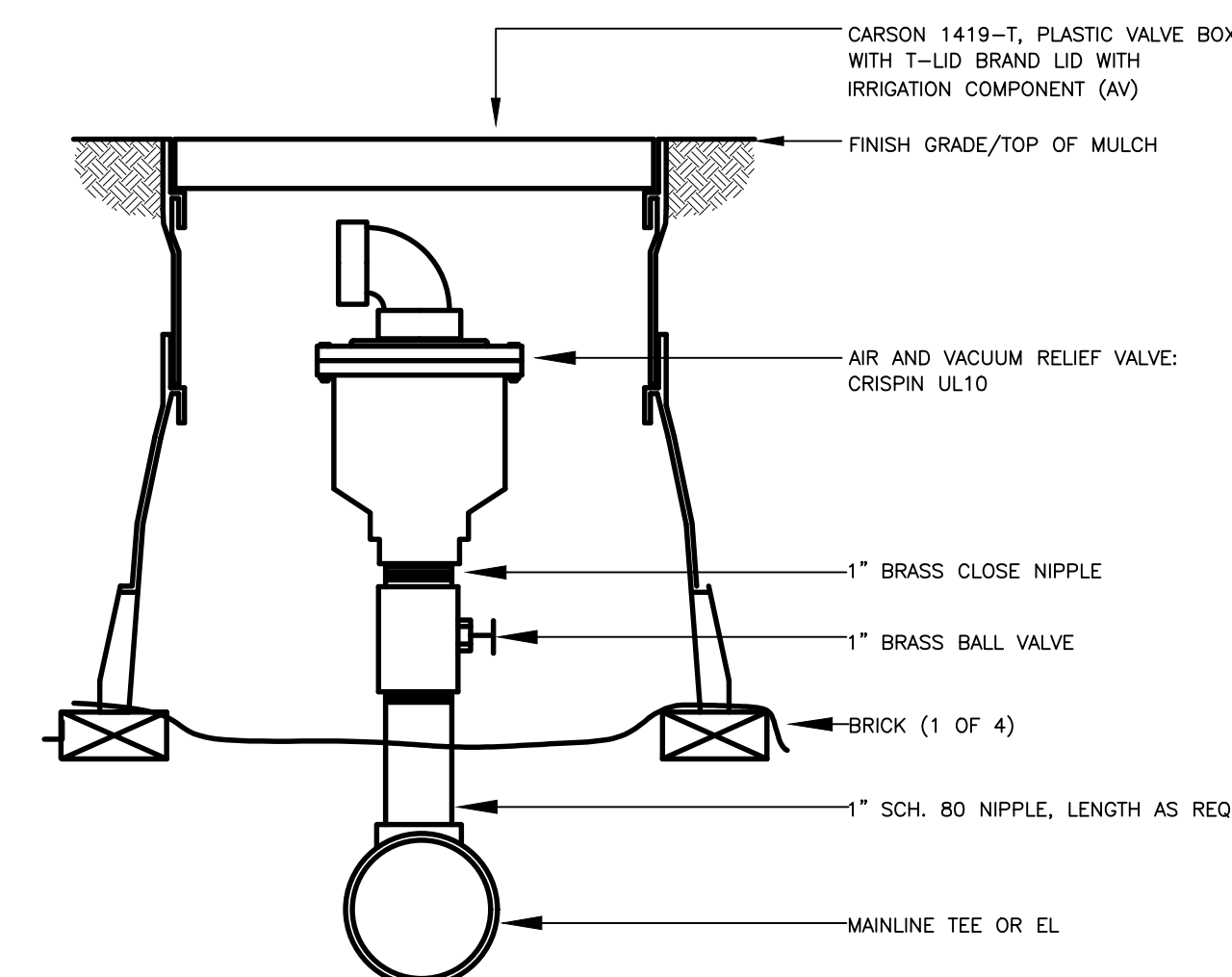
328409.76-22



## WEATHERMATIC PEDESTAL MOUNT CONTROLLER

N.T.S.

328409.16-26



## AIR/VACUM RELIEF VALVE

N.T.S.

32 8406.15-01

## LIGHTNING ARRESTOR

N.T.S.

328409.16-21

## TYPICAL LIGHTNING ARRESTOR LAYOUT

N.T.S.

328409.16-20

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