#### LANDSCAPE PLANT LIST

$\bigcap$		EC	IDUOUS TRE	ES	
Ů	4	ACE	Elm, Accolade	Ulmus x 'Morton'	2" cal. B&B
	9	CAT	Catalpa, 'Heartland'	Catalpa speciosa 'Hiawatha 2'	2" cal. B&B
	7	CBE	Beech, River's Copper European	Fagus sylvatica 'Riversii'	2" cal. B&B
	4	COF	Coffee Tree, Kentucky	Gymnocladus dioica 'Espresso'	2" cal. B&B
	4 0 20 8	FIL GOL HON HOR	Filbert, Turkish Golden Rain Tree Honeylocust, Northern Acclaim Horsechestnut	Corylus colurna Koelreuteria paniculata Gleditsia triacanthos v. inermis 'Harve' Aesculus hippocastanum 'Baumannii'	
	17	LIN	Linden, Greenspire	Tilia cordata	2" cal. B&B
	42	LLC	Cottonwood, Narrowleaf	Populus angustifolia	2" cal. B&B
	4	LPT	Planetree, London 'Exclamation!'	Platanus x acerifolia 'Morton Circle'	2" cal. B&B
	19	MAP	Maple, Red	Acer rubrum 'Redpointe'	2" cal. B&B
	8	OAK	Oak, Bur	Quercus macrocarpa	2" cal. B&B
	19	PCW	Cottonwood, Plains	Populus deltoides 'Jeronimus'	2" cal. B&B
	14	SGM	Maple, Sienna Glen	Acer x freemanii 'Sienna Glen'	2" cal. B&B
	12	UNM	Maple, Upright Norway	Acer platanoides 'Columnare'	2" cal. B&B
$\wedge$					

#### ORNAMENTAL TREES Pyrus calleryana 'Autumn Blaze'

5	AR2	Serviceberry, Autumn Brilliance	Amelanchier x grandiflora Autumn Brilliance	1-1/2" cal. B&
19	CRB	Crabapple, Prairifire	Malus 'Prairifire'	1-1/2" cal. B&
3	CRC	Chokecherry, Canadian Red	Prunus virginiana 'Shubert'	1-1/2" cal. B&
5	SBY	Serviceberry, Shadblow	Amelanchier canadensis	6' clump, B&
7	TCH	Hawthorn, Thornless Cockspur	Crataegus crus-galli 'Inermis'	6' clump, B&

6' min. height

6' min. height

#### EVERGREEN TREES 4 VLP Pine, Vanderwolf's Pyramid Limber Pinus flexilis 'Vanderwolf's Limber'

,	Ε	VΕ	RGREEN	SHRUBS		
4. A. A	79 26	JUN MUP	Juniper, Broadmoor Pine, Mugo	Juniperus sabina 'Broadmoor' Pinus mugo 'White Bud'		6' o.c. 5' o.c.
	58 29 17	RMJ RYU SGJ	Juniper, Rocky Mountain Yucca, Red Juniper, Sea Green	Juniperus scopulorum Hesperaloe parviflora Juniperus x media 'Sea Green'	5 ga <b>l</b> .	8' o.c. 3' o.c. 8' o.c.

18 WWJ Juniper, Woodward Rocky Mountain Juniperus scopulorum 'Woodward'

#### DECIDUOUS SHRUBS

١						
)	8	APP	Apache Plume	Fallugia paradoxa	5 gal.	5' o.c.
	6	AVB	Vİburnum, Autumn Jazz	Viburnum dentatum 'Autumn Jazz'	5 gal.	8' o.c.
	29	BMS	Spirea, Blue Mist	Caryopteris x cladonensis 'Blue Mist'	5 gal.	3' o.c.
	6	CHC	Chokecherry, Native	Prunus virginiana	5 gal.	8' o.c.
	15	MTM	Mahogany, Mountain	Cercocarpus montanus	5 gal.	5' o.c.
	12	RLR	Rose, Red Leafed	Rosa glauca	5 gal.	5' o.c.
	3	SFB	Butterfly Bush, Silver Fountain	Buddleia alternifolia 'Argentea'	5 gal.	10' o.c.
	12	SGB	Broom, Spanish Gold	Cytisis purgans	5 gal.	4' o.c.
	7	SLP	Leadpant, Silvery	Amorpha canescens	5 gal.	4' o.c.
	52	TBR	Rabbitbrush, Ta <b>ll</b> B <b>l</b> ue	Chrysothamnus nauseosus spp.	5 gal.	5' o.c.
	9	TLS	Sumac, Three-leaf	Rhus trilobata	5 gal.	6' o.c.
	10	WRS	Rose, Wood's	Rosa woodsii	5 gal.	5' o.c.
	17	WSC	Cherry, Western Sand	Prunus besseyii 'Pawnee Buttes'	5 aal.	5' o.c.

#### ∞ PERENNIALS

7	BES	Susan, Black-Eyed	Rudbeckia fulgida 'Goldsturm'	1 ga <b>l</b> .	18" o.c.
135	DLY	Daylily - various	Hemerocallis spp.	1 gal.	24" o.c.
26	RTL	Torchlily, Regal	Kniphofia caulecens	1 gal.	36" o.c.
30	RUS	Sage, Russian	Perovskia atriplicifolia	1 gal.	48" o.c.
			<u> </u>		

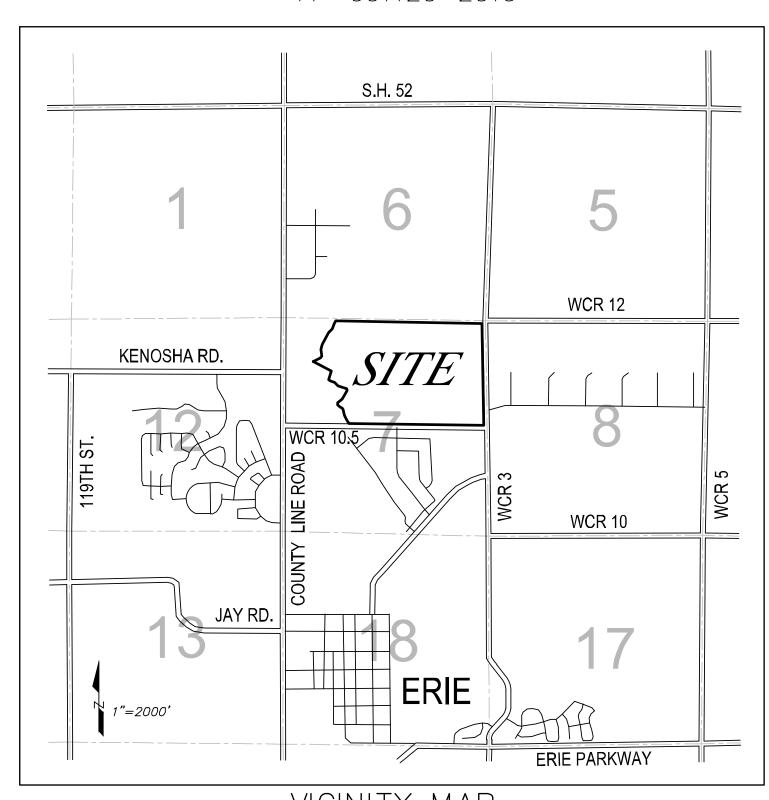
#### ORNAMENTAL GRASSES

20						
~~	90	BAB	Blue Grama Grass, Blonde Ambition	Bouteloua gracilis 'Blonde Ambition'	1 gal.	2'-3' o.c.
	77	DBS	Switch Grass, Dallas Blues	Panicum virgatum 'Dallas Blues'	1 gal.	30" o.c.
	49	GST	Sacaton Grass, Giant	Sporobolus wrightii	1 gal.	5' o.c.
	62	HMS	Switch Grass, Heavy Metal	Panicum virgatum 'Heavy Metal'	1 gal.	30" o.c.
	27	KFG	Feather Reed Grass, Karl Foerster	Calamagrostis x acutiflora 'Karl Foerster'	1 gal.	2' o.c.
	50	KRF	Fountain Grass, Karley Rose	Pennisetum orientale 'Karley Rose'	1 gal.	3' o.c.
	45	KRG	Feather Reed Grass, Korean	Calamagrostis brachythrica	1 gal.	2' o.c.
	70	MGR	Maiden Grass	Miscanthus sinensis 'Gracillimus'	1 gal.	4' o.c.
	43	PMG	Maiden Grass, Purple	Miscanthus sinensis 'Purpurescens'	1 gal.	3' o.c.
	63	SRG	Moor Grass, Skyracer	Molina caerulea arundinacea 'Skyracer'	1 gal.	42" o.c.
	66	VFR	Feather Reed Grass, Variegated	Calamagrostis x acutiflora 'Overdam'	1 gal.	3' o.c.
	69	WWB	Bluestem Grass, Windwalker Big	Andropogon gerardii	1 gal.	42" o.c.

LAND SUMMARY CHART						
TYPE	AREA	% OF TOTAL AREA				
RESIDENTIAL LOTS	62.99 Ac.	43.2%				
TRACTS	59.92 Ac.	41.1%				
PUBLIC ROW	22.86 Ac.	15.7%				
TOTAL	145.77 Ac.	100.0%				

## MORGAN HILL FILING 2 LANDSCAPE CONSTRUCTION PLANS

LOCATED IN THE NORTH HALF OF SECTION 7, TOWNSHIP 1 NORTH, RANGE 68 WEST OF THE 6TH PRINCIPAL MERIDIAN, TOWN OF ERIE, COUNTY OF WELD, STATE OF COLORADO FP-001120-2019



VICINITY MAP

#### TRACT SUMMARY CHART

TRACT	AREA	USE	OWNERSHIP	MAINTENANCE
Α	13.69 Ac.	OPEN SPACE, DRAINAGE, UTILITIES	METRO DISTRICT/TOWN*	H.O.A./TOWN*
В	0.16 Ac.	TRAILS, LANDSCAPING, UTILITIES	DEVELOPER/METRO DISTRICT	H.O.A.
С	0.36 Ac.	POCKET PARK, UTILITIES	METRO DISTRICT	H.O.A.
D	0.15 Ac.	TRAIL, LANDSCAPING, UTILITIES	METRO DISTRICT	H.O.A.
E	14.32 Ac.	PARK, UTILITIES	TOWN	TOWN
F	2.20 Ac.	OPEN SPACE, LANDSCAPING, UTILITIES	METRO DISTRICT	H.O.A.
G	3.56 Ac.	OPEN SPACE, LANDSCAPING, UTILITIES	DEVELOPER/METRO DISTRICT	H.O.A.
H	0.42 Ac.	POCKET PARK, UTILITIES	METRO DISTRICT	H.O.A.
ı	2.38 Ac.	TRAIL, DRAINAGE, COTTONWOOD DITCH, LANDSCAPING, UTILITIES	METRO DISTRICT	H.O.A.
J	0.80 Ac.	TRAIL, DRAINAGE, LANDSCAPING, UTILITIES	METRO DISTRICT	H.O.A.
K **	3.18 Ac.	OPEN SPACE, DRAINAGE, COTTONWOOD DITCH, LANDSCAPING, UTILITIE	DEVELOPER/METRO DISTRICT	H.O.A.
L	9.88 Ac.	TRAIL, DRAINAGE, COTTONWOOD DITCH LANDSCAPING, UTILITIES	METRO DISTRICT	H.O.A.
M**	2.53 Ac.	TRAIL, COTTONWOOD DITCH, LANDSCAPING, UTILITIES	METRO DISTRICT	H.O.A.
N	0.09 Ac.	TRAIL, LANDSCAPING, UTILITIES	METRO DISTRICT	H.O.A.
0	0.08 Ac.	TRAIL, LANDSCAPING, UTILITIES	METRO DISTRICT	H.O.A.
P	0.33 Ac.	TRAIL, LANDSCAPING, UTILITIES	METRO DISTRICT	H.O.A.
Q	2.58 Ac.	TRAIL, LANDSCAPING, UTILITIES	METRO DISTRICT	H.O.A.
R	0.21 Ac.	PLUGGED AND ABANDONED WELL SITE	METRO DISTRICT	H.O.A.
S	3.00 Ac.	DRAINAGE	METRO DISTRICT	H.O.A.

- \* TRACT A SHALL BE OWNED BY METRO DISTRICT AND MAINTAINED BY THE H.O.A. UNTIL
- TRACT A IS DEDICATED TO THE TOWN.

  \*\* NO TREES ALLOWED IN THE 100 FOOT WIDE RESTRICTED USE AREA IN TRACTS K AND M.

## SHEET INDEX

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) -	LANDSCAPE PLAN	ACCEPTED B
3	LANDSCAPE PLAN	TOWN OF ERIE PARKS & RECREATION DE
ļ	LANDSCAPE PLAN	Signature:
)	LANDSCAPE PLAN	Date:

LANDSCAPE PLAN LANDSCAPE PLAN

LANDSCAPE BLOWUP LANDSCAPE BLOWUP

COVER SHEET

TRACT C POCKET PARK PLAN TRACT H POCKET PARK PLAN

POCKET PARK DETAILS DETAILS

LANDSCAPE NOTES & DETAILS

IR1.0 TOWN IRRIGATION LEGEND AND NOTES IR1.1 TOWN IRRIGATION PLAN

IR1.2 TOWN IRRIGATION PLAN IR1.3 TOWN IRRIGATION PLAN

TOWN IRRIGATION PLAN IR1.5 PRIVATE HOA IRRIGATION LEGEND AND NOTES

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IR1.10 PRIVATE HOA IRRIGATION PLAN IR1.11 PRIVATE HOA IRRIGATION PLAN

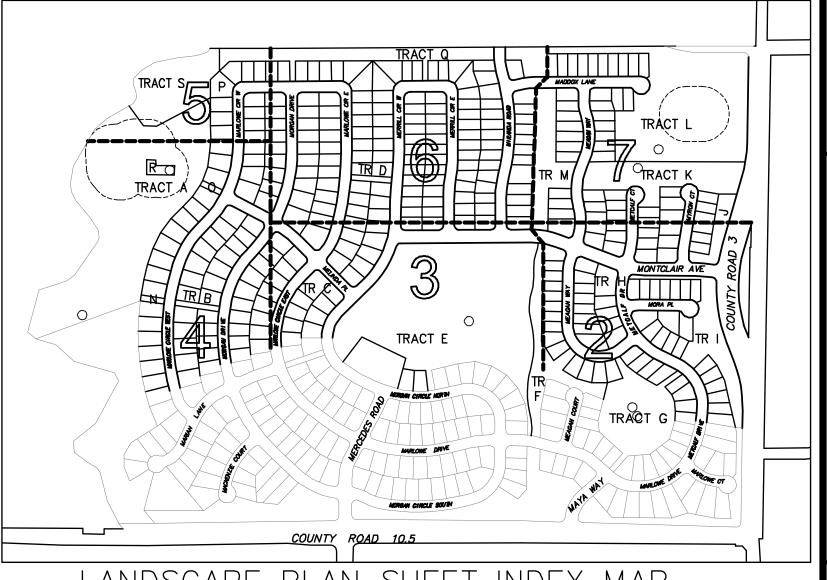
IR1.12 PRIVATE HOA IRRIGATION PLAN

IR1.13 PRIVATE HOA IRRIGATION PLAN IR1.14 PRIVATE HOA IRRIGATION PLAN

IR1.15 PRIVATE HOA IRRIGATION PLAN IR2.1 TOWN IRRIGATION DETAILS

IR2.2 TOWN IRRIGATION DETAILS

IR2.3 PRIVATE HOA IRRIGATION DETAILS IR2.4 PRIVATE HOA IRRIGATION DETAILS



LANDSCAPE PLAN SHEET INDEX MAP

MORGAN HILL METROPOLITAN DISTRICT NO. 3 2500 ARAPAHOE ROAD, SUITE 220 BOULDER, CO 80302

LANDSCAPE ARCHITECT / ENGINEER / SURVEYOR HURST & ASSOCIATES, INC. 1265 S. PUBLIC RD, SUITE B LAFAYETTE, CO 80026

2020-46 03/24/2021

IF NOT ONE INCH ON THIS SHEE ADJUST SCALES ACCORDINGLY

## LANDSCAPE PLANT LIST

	D	ΕC	IDUOUS TRE	ES	
	4 9 7 4	ACE CAT CBE COF	Elm, Accolade Catalpa, 'Heartland' Beech, River's Copper European Coffee Tree, Kentucky	Ulmus x 'Morton' Catalpa speciosa 'Hiawatha 2' Fagus sylvatica 'Riversii' Gymnocladus dioica 'Espresso'	2" cal. B&B 2" cal. B&B 2" cal. B&B 2" cal. B&B
	4 0 20 8	FIL GOL HON HOR	Filbert, Turkish Golden Rain Tree Honeylocust, Northern Acclaim Horsechestnut	Corylus colurna Koelreuteria paniculata Gleditsia triacanthos v. inermis 'Harve' Aesculus hippocastanum 'Baumannii'	
	17 42 4 19	LIN LLC LPT MAP	Linden, Greenspire Cottonwood, Narrowleaf Planetree, London 'Exclamation!' Maple, Red	Tilia cordata Populus angustifolia Platanus x acerifolia 'Morton Circle' Acer rubrum 'Redpointe'	2" cal. B&B 2" cal. B&B 2" cal. B&B 2" cal. B&B
	8 19 14 12	OAK PCW SGM UNM	Oak, Bur Cottonwood, Plains Maple, Sienna Glen Maple, Upright Norway	Quercus macrocarpa Populus deltoides 'Jeronimus' Acer x freemanii 'Sienna Glen' Acer platanoides 'Columnare'	2" cal. B&B 2" cal. B&B 2" cal. B&B 2" cal. B&B
$\bigcirc$	O	RN	AMENTAL TR	REES	
•	5 5	ABP ABS	Pear, Autumn Brilliance Serviceberry, Autumn Brilliance	Pyrus calleryana 'Autumn Blaze' Amelanchier x grandiflora 'Autumn Brilliance'	1-1/2" cal. B&B 1-1/2" cal. B&B
	19 3 5 7	CRB CRC SBY TCH	Crabapple, Prairifire Chokecherry, Canadian Red Serviceberry, Shadblow Hawthorn, Thornless Cockspur	Malus 'Prairifire' Prunus virginiana 'Shubert' Amelanchier canadensis Crataegus crus-galli 'Inermis'	1-1/2" cal. B&B 1-1/2" cal. B&B 6' clump, B&B 6' clump, B&B
<b>***</b>	F	VFI	RGREEN TRE	FS	
	11 4	PIN VLP	Pine, Pinon Pine, Vanderwolf's Pyramid Limber	Pinus edulis Pinus flexilis 'Vanderwolf's Limber'	6' min. height 6' min. height
	E	VEI	RGREEN SHR	UBS	
₹. <b>Х.</b> .}	79 26 58 29 17	JUN MUP RMJ RYU SGJ	Juniper, Broadmoor Pine, Mugo Juniper, Rocky Mountain Yucca, Red Juniper, Sea Green	Juniperus sabina 'Broadmoor' Pinus mugo 'White Bud' Juniperus scopulorum Hesperaloe parviflora Juniperus x media 'Sea Green'	5 gal. 6' o.c. 5 gal. 5' o.c. 5 gal. 8' o.c. 5 gal. 3' o.c. 5 gal. 8' o.c.
	18	MM1	Juniper, Woodward Rocky Mountain	Juniperus scopulorum 'Woodward'	5 gal. 8' o.c. 5 gal. 4' o.c.
<u> </u>	D	ЕC	IDUOUS SHR	UBS	
	8 6 29 6 15 12 3 12 7 52 9 10 17	APP AVB BMS CHC MTM RLR SFB SGB SLP TBR TLS WRS WSC	Apache Plume Viburnum, Autumn Jazz Spirea, Blue Mist Chokecherry, Native Mahogany, Mountain Rose, Red Leafed Butterfly Bush, Silver Fountain Broom, Spanish Gold Leadpant, Silvery Rabbitbrush, Tall Blue Sumac, Three-leaf Rose, Wood's Cherry, Western Sand	Fallugia paradoxa Viburnum dentatum 'Autumn Jazz' Caryopteris x cladonensis 'Blue Mist' Prunus virginiana Cercocarpus montanus Rosa glauca Buddleia alternifolia 'Argentea' Cytisis purgans Amorpha canescens Chrysothamnus nauseosus spp. Rhus trilobata Rosa woodsii Prunus besseyii 'Pawnee Buttes'	5 gal. 5' o.c. 5 gal. 8' o.c. 5 gal. 3' o.c. 5 gal. 8' o.c. 5 gal. 5' o.c. 5 gal. 5' o.c. 5 gal. 10' o.c. 5 gal. 4' o.c. 5 gal. 4' o.c. 5 gal. 5' o.c.
× × ×	P		ENNIALS		
	/ 135 26 30	BES DLY RTL RUS	Daylily - various Hemeroca Torchlily, Regal Kniphofia		1 gal. 18" o.c. 1 gal. 24" o.c. 1 gal. 36" o.c. 1 gal. 48" o.c.
	90 77 49 62 27 50 45 70 43 63 66 69	RN  BAB  DBS  GST  HMS  KFG  KRF  KRG  MGR  PMG  SRG  VFR  WWB		Bouteloua gracilis 'Blonde Ambition' Panicum virgatum 'Dallas Blues' Sporobolus wrightii Panicum virgatum 'Heavy Metal' Calamagrostis x acutiflora 'Karl Foerste Pennisetum orientale 'Karley Rose' Calamagrostis brachythrica Miscanthus sinensis 'Gracillimus' Miscanthus sinensis 'Purpurescens' Molina caerulea arundinacea 'Skyrac Calamagrostis x acutiflora 'Overdam' Andropogon gerardii	1 gal. 3' o.c. 1 gal. 2' o.c. 1 gal. 4' o.c. 1 gal. 3' o.c.

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## MORGAN HILL FILING 2

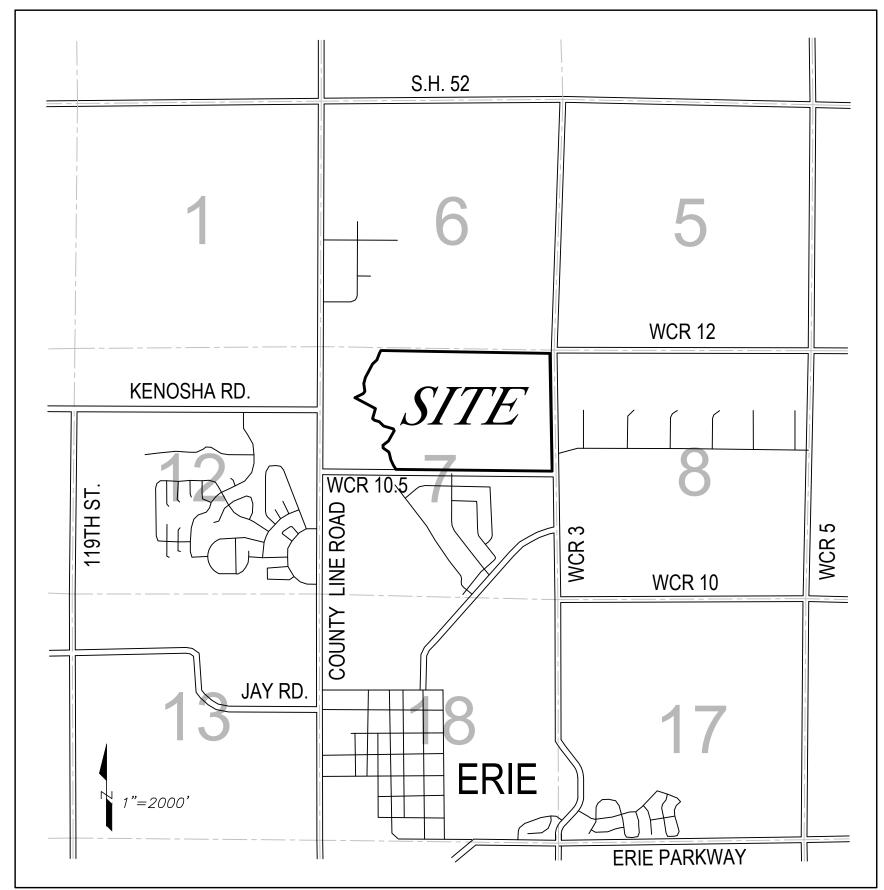
## LANDSCAPE CONSTRUCTION PLANS

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TOWNSHIP 1 NORTH, RANGE 68 WEST OF THE 6TH PRINCIPAL MERIDIAN,

TOWN OF ERIE, COUNTY OF WELD, STATE OF COLORADO

FP-001120-2019



VICINITY MAP

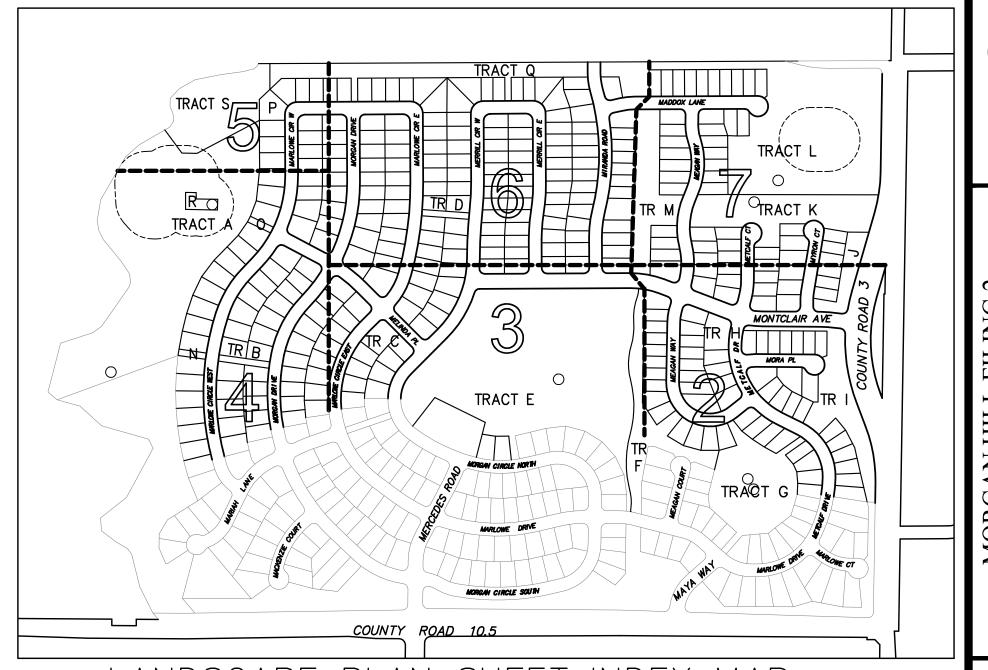
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LANDSCAPE PLAN SHEET INDEX MAP

APPLICANT/DEVELOPER:
MORGAN HILL METROPOLITAN DISTRICT NO. 3
2500 ARAPAHOE ROAD, SUITE 220
BOULDER, CO 80302

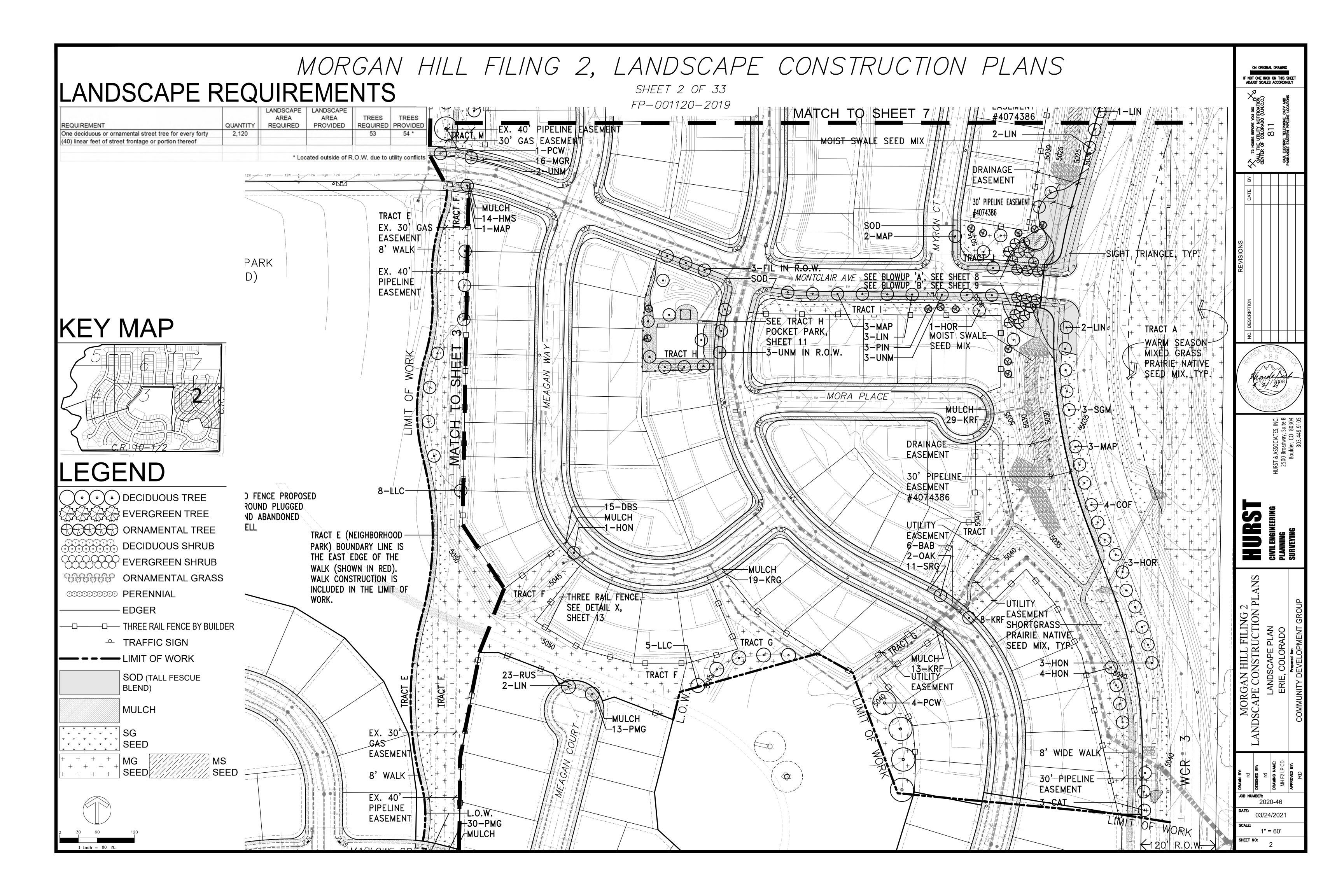
LANDSCAPE ARCHITECT / ENGINEER / SURVEYOR: HURST & ASSOCIATES, INC.
1265 S. PUBLIC RD, SUITE B
LAFAYETTE, CO 80026

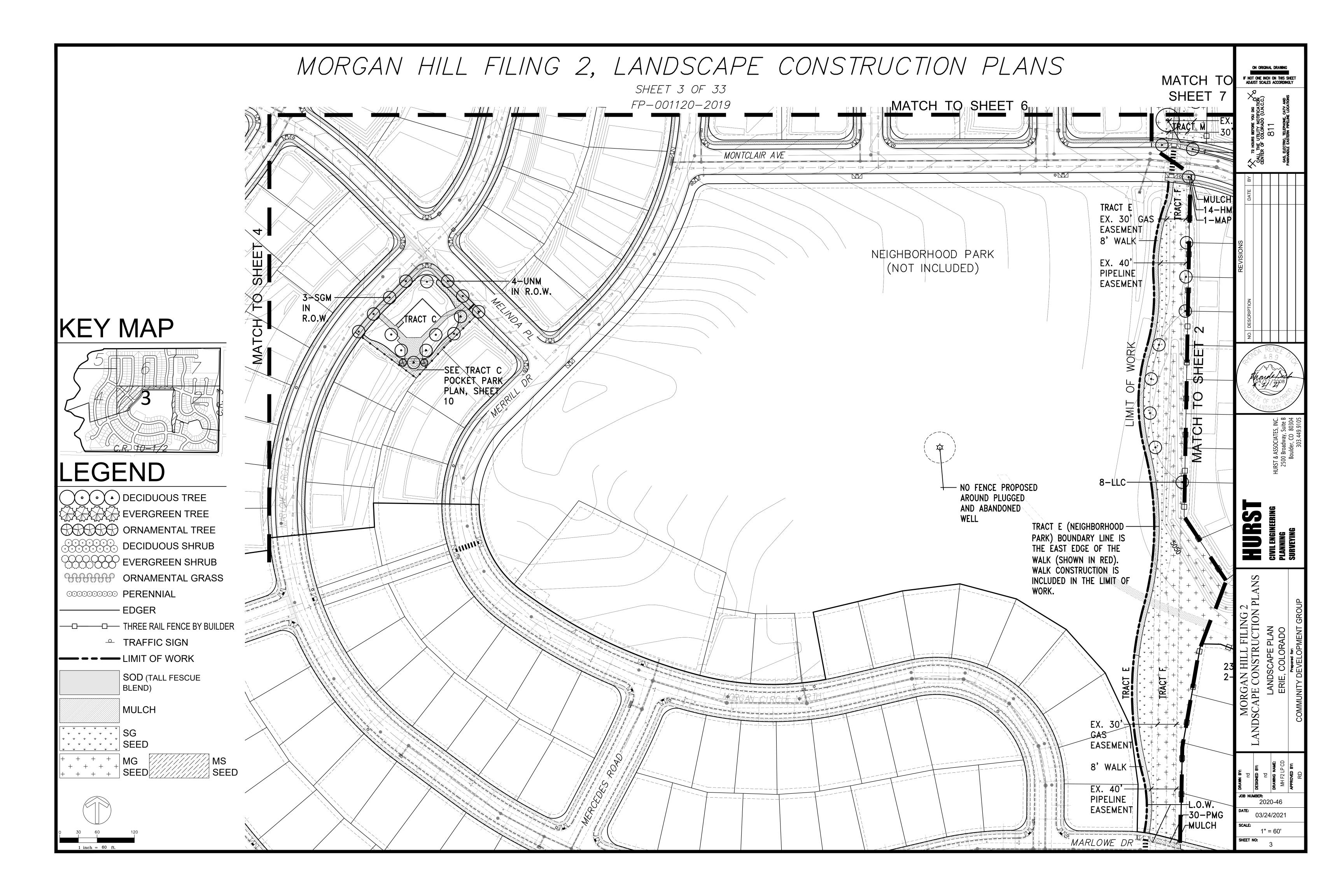
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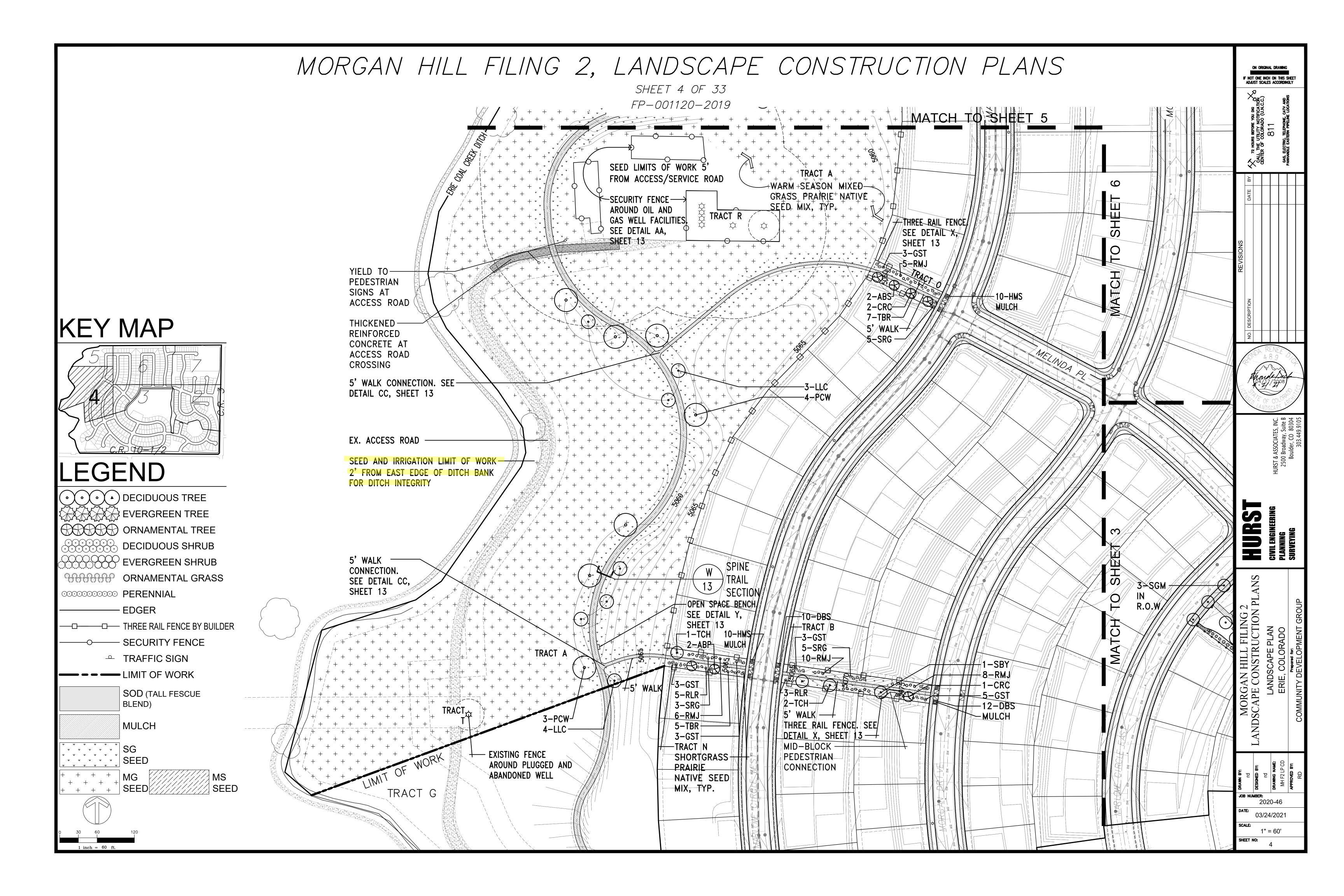
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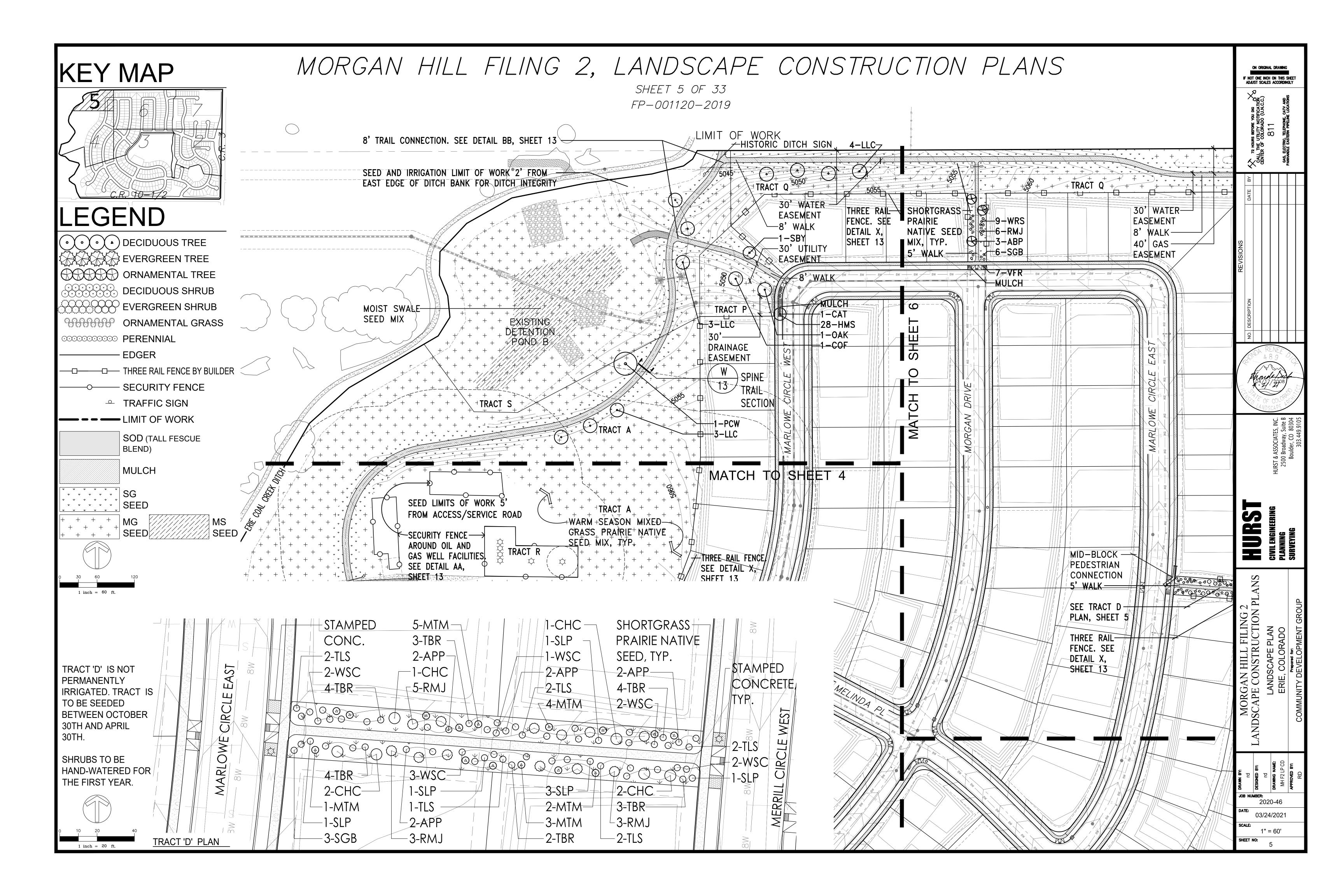
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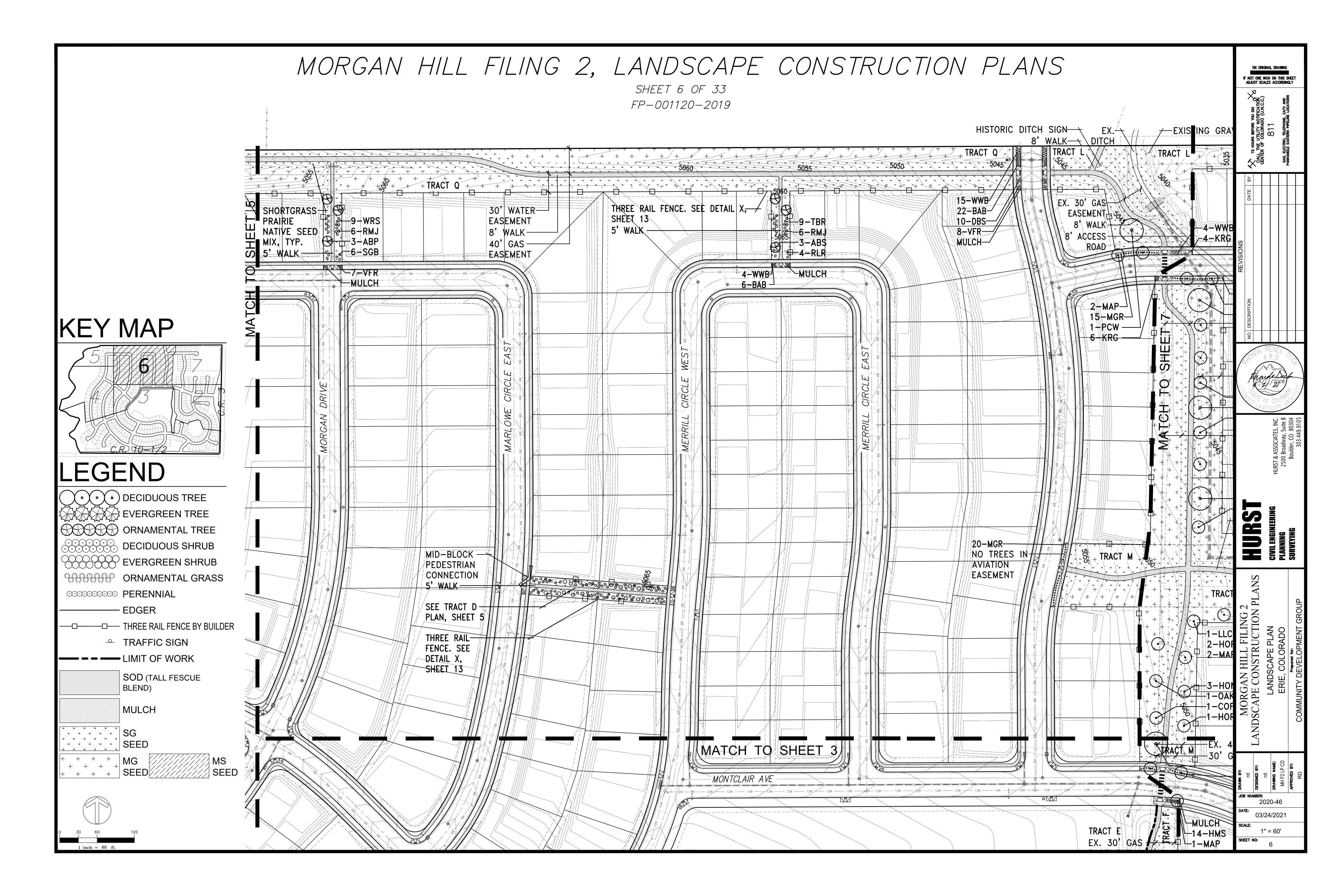
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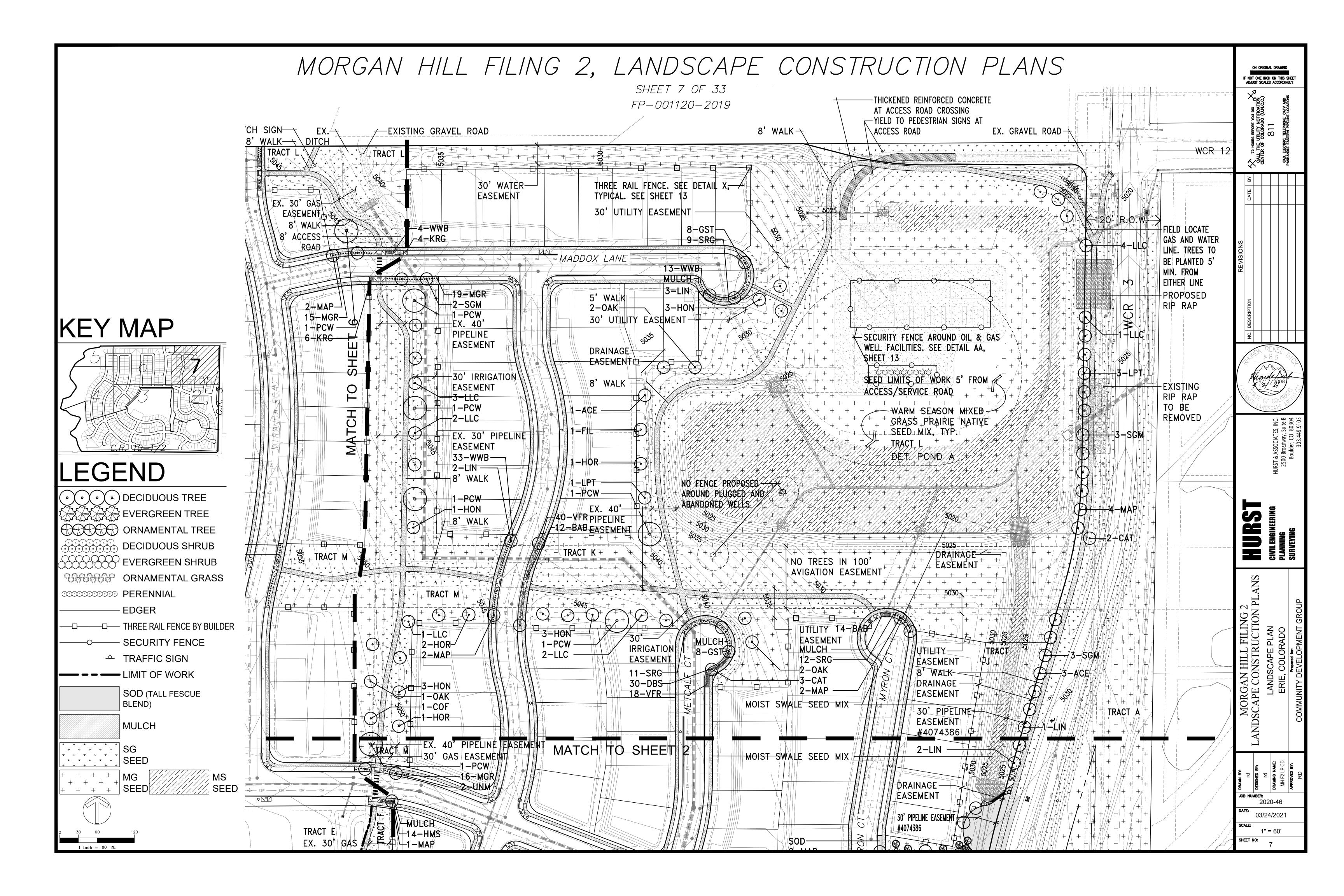


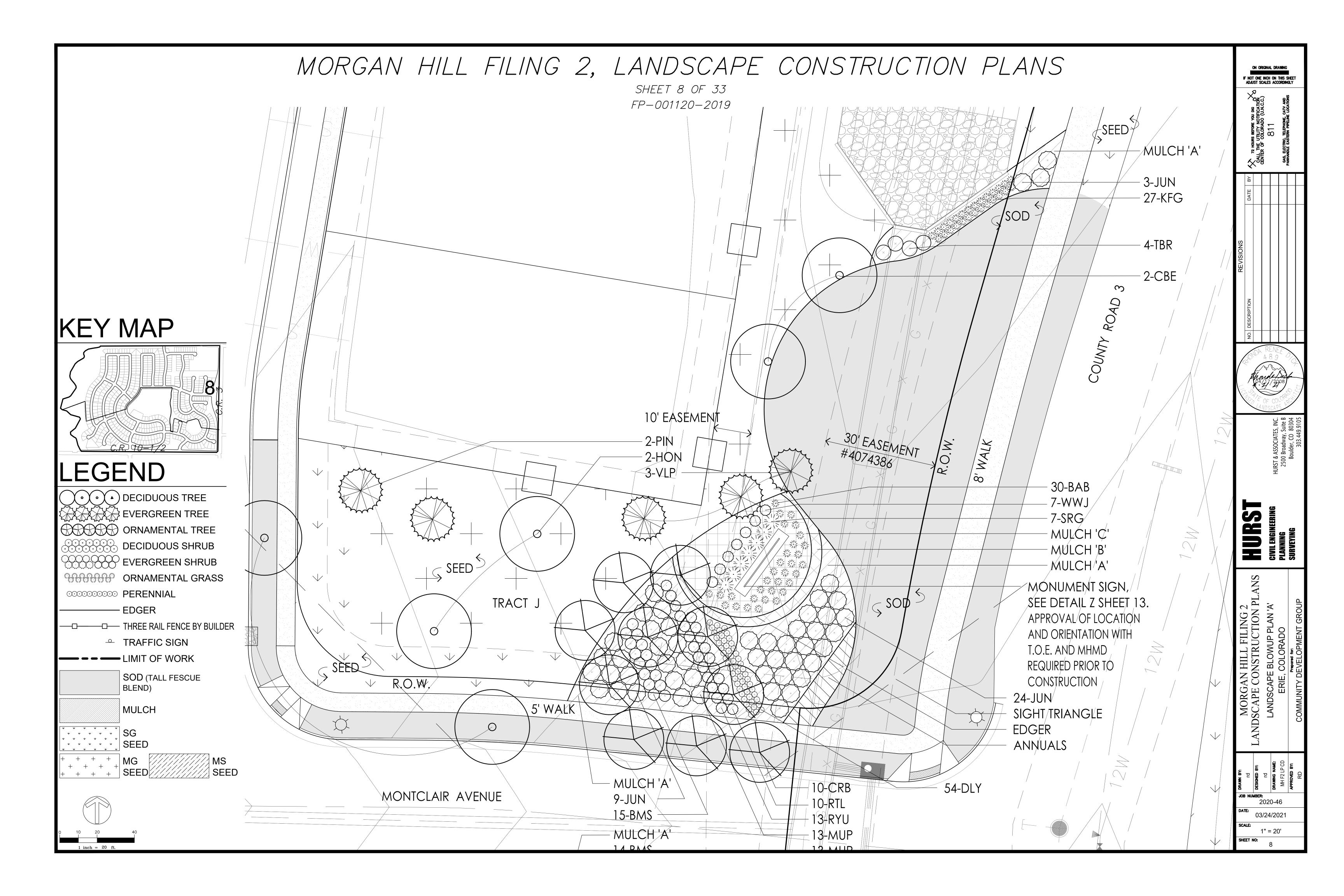


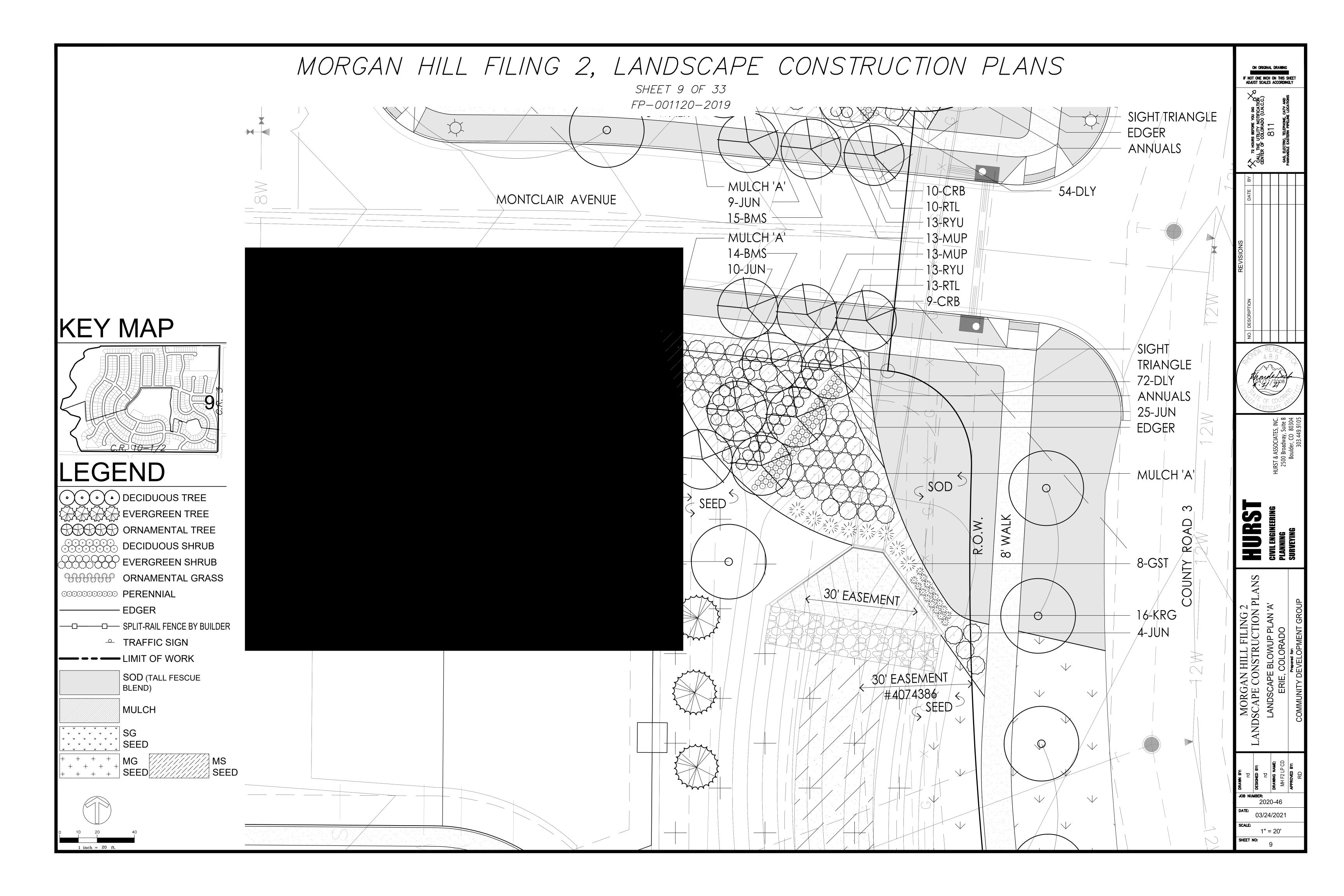


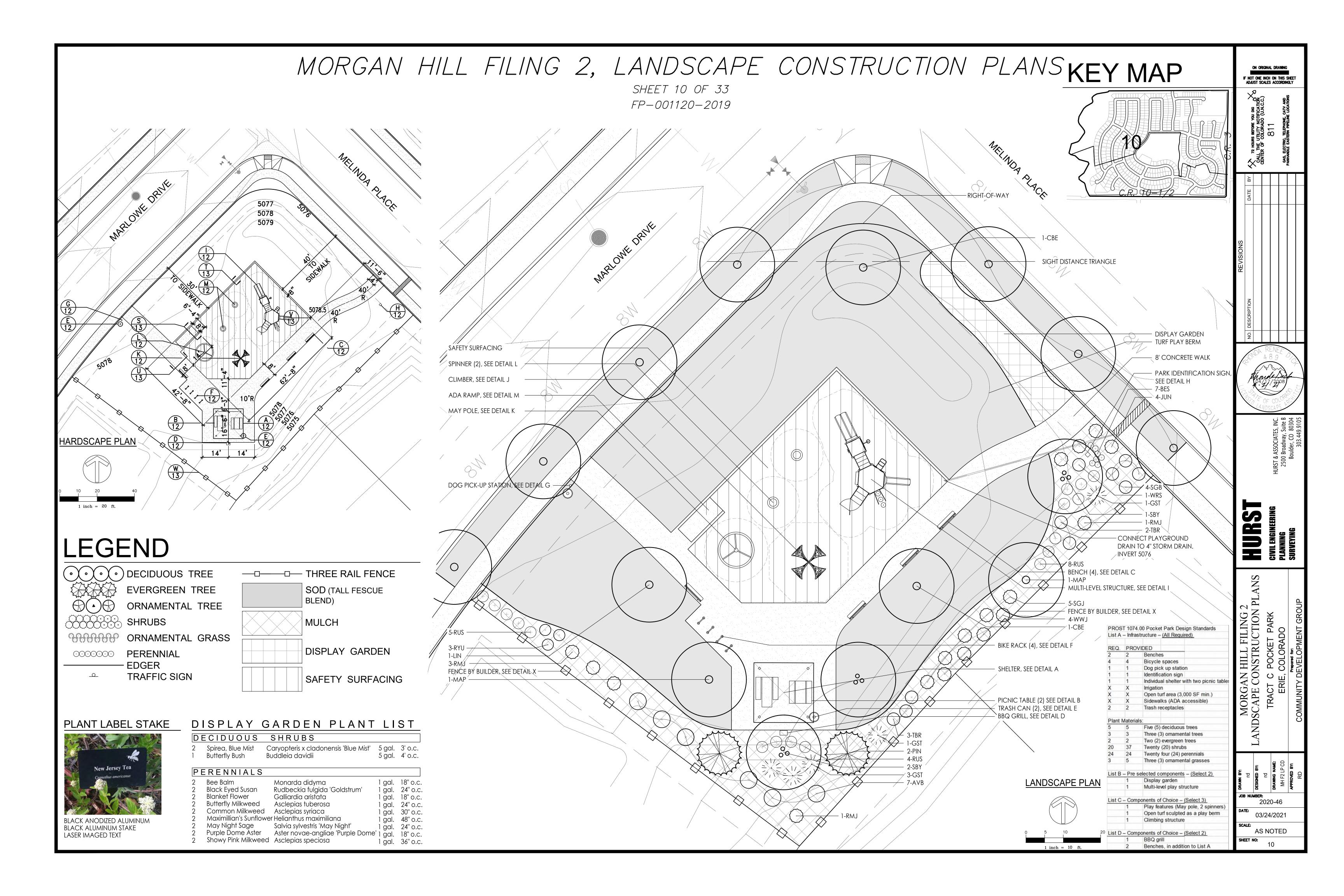


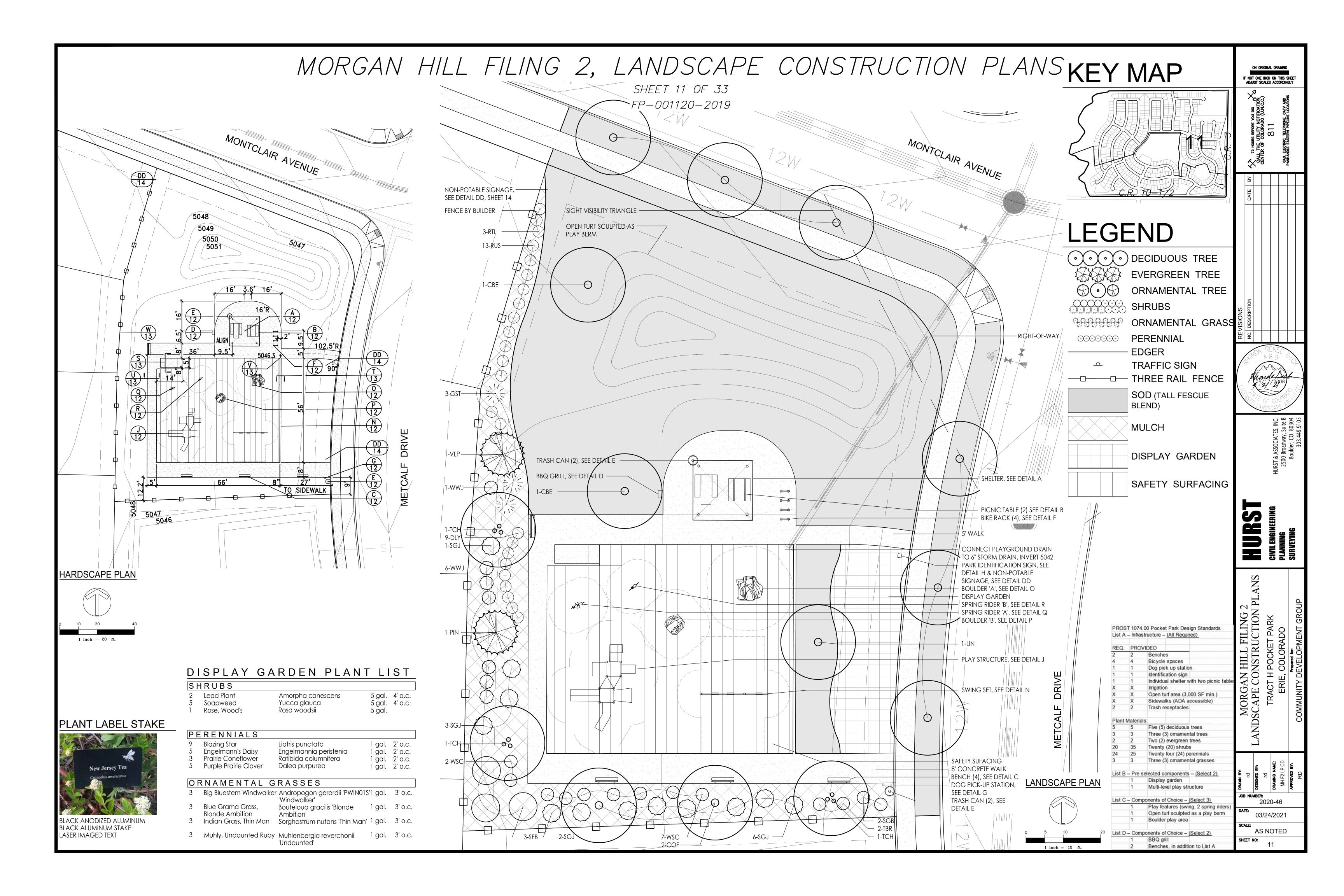












## MORGAN HILL FILING 2, LANDSCAPE CONSTRUCTION PLANS

SHEET 12 OF 33 FP-001120-2019

EQUIPMENT / SITE FURNISHINGS SHOWN ARE REPRESENTATIVE. EQUIVALENTS MAY BE APPROVED.

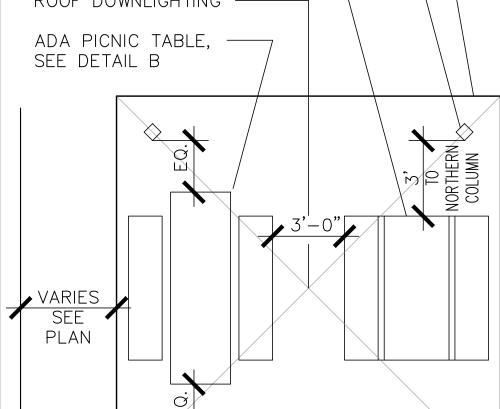
SHELTER, SEE DETAIL A -ELECTRICAL OUTLET ON ONE -

PICNIC TABLE, SEE DETAIL B -

TRASH CAN, SEE DETAIL E

BBQ, SEE DETAIL D —

ROOF DOWNLIGHTING -



SHELTER BLOWUP PLAN

(AP2-02-SM)

COLOR TO BE

SELECTED FROM

MANUFACTURER'S

STANDARD COLORS

APEX BIKERACK

SURFACE MOUNT

POLIGON (SQ 16) 16' SQUARÉ SHELTER. SEE ENGINEERED DRAWINGS

TO BE SELECTED MANUFACTURER'S STANDARD COLORS

TWO TOTAL

6' STANDARD PERFORATED PICNIC TABLE SURFACE MOUNT

> TO BE SELECTED FROM MANUFACTURER'S STANDARD COLORS

LEISURE CRAFT (T6XPSM-PERF)

BPICNIC TABLE

LEISURE CRAFT (T6XPP-ADA-PERF) 8' STANDARD PERFORATED ADA PICNIC TABLE

TO BE SELECTED FROM MANUFACTURER'S STANDARD COLORS

TWO TOTAL

SURFACE MOUNT



LEISURE CRAFT (B6WBP-PERF) 6' STANDARD PERFORATED BENCH WITH BACK - 12" WIDE SEAT SURFACE MOUNT TO BE SELECTED FROM MANUFACTURER'S STANDARD COLORS



PLAYCRAFT SYSTEMS

COLOR TO BE SELECTED FROM

MANUFACTURER'S STANDARD

ONE TOTAL IN TRACT H

5091ABB2

COLORS

800.333.5519

MIRACLE RECREATION STANDARD CHARCOAL BBQ (MODEL# 1105)

EMBEDDED TWO TOTAL

BBQ GRILL

LEISURE CRAFT: (R32-PERF) 32 GALLON TRASH

(B100) 6" SURFACE MOUNT POST (32SML) 32 GALLON SPUN METAL LID, CONCAVE STYLE (R32L) 32 GALLON LINER

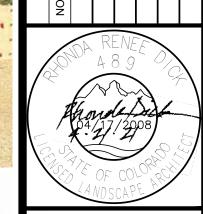


MANUFACTURER'S STANDARD COLORS

POST MOUNTED FOUR TOTAL

(E)TRASH CAN





IF NOT ONE INCH ON THIS SHEE ADJUST SCALES ACCORDINGLY

03/24/2021

(A) SHELTER

COLOR: GREEN

TWO TOTAL

PAINTED METAL U-CHANNEL SIGN POST NOT TO EXCEED 6' HEIGHT ABOVE FINISHED GRADE. APPROXIMATELY **INFORMATION** 

12"x6" ALUMINUM SIGN WITH PARK NAME (TO BE DETERMINED). SECURE TO POST IN TWO LOCATIONS.

— 12"x18" ALUMINUM SIGN WITH PARK INFORMATION INCLUDING CONTACT INFORMATION TO RESERVE OR REPORT A PARK ISSUE. SECURE TO POST IN TWO LOCATIONS.

TWO TOTAL H PARK IDENTIFICATION SIGN LITTLE TYKES COMMERCIAL KB-69642 800.325.8828

COLOR TO BE SELECTED FROM MANUFACTURER'S STANDARD COLORS

ONE TOTAL IN TRACT C



MULTI-LEVEL PLAY STRUCTURE 'A'

LITTLE TYKES INFINITY QUAD CLIMBER 800.325.8828

COLOR TO BE SELECTED FROM MANUFACTURER'S STANDARD COLORS

ONE TOTAL IN TRACT C

F)BIKE RACK



800.325.8828

COLOR TO BE SELECTED FROM



LITTLE TYKES SOLO SPINNER

800.325.8828

COLOR TO BE SELECTED FROM MANUFACTURER'S STANDARD COLORS

TWO TOTAL IN TRACT C



SPINNER

PLAYCRAFT SYSTEMS 8' SINGLE POST SWING WITH TWO BELTS(2B) SWING ARM ATTACHMENT WITH ONE BUCKET

COLOR TO BE SELECTED FROM MANUFACTURER'S STANDARD COLORS



SWING SET

LANDSCAPE STRUCTURES THE POINTE ROCK CLIMBER (MODEL #156067) 888.438.6574

ONE IN TRACT H



OBOULDER 'A'



LANDSCAPE STRUCTURES

THE PEAK ROCK CLIMBER

(MODEL #160418) 888.438.6574

ONE IN TRACT H

*\BOULDER 'B'* 



SPRING RIDER 'A'

MULTI-LEVEL PLAY STRUCTURE 'B'

LANDSCAPE STRUCTURES

(MODEL #233054) TWO SEATER

ONE IN TRACT H

888.438.6574

SPRING RIDER FIRE ENGINE



LANDSCAPE STRUCTURES

SPRING RIDER BEAR

(MODEL #233059) 888.438.6574

ONE IN TRACT H

R SPRING RIDER 'B'

2020-46

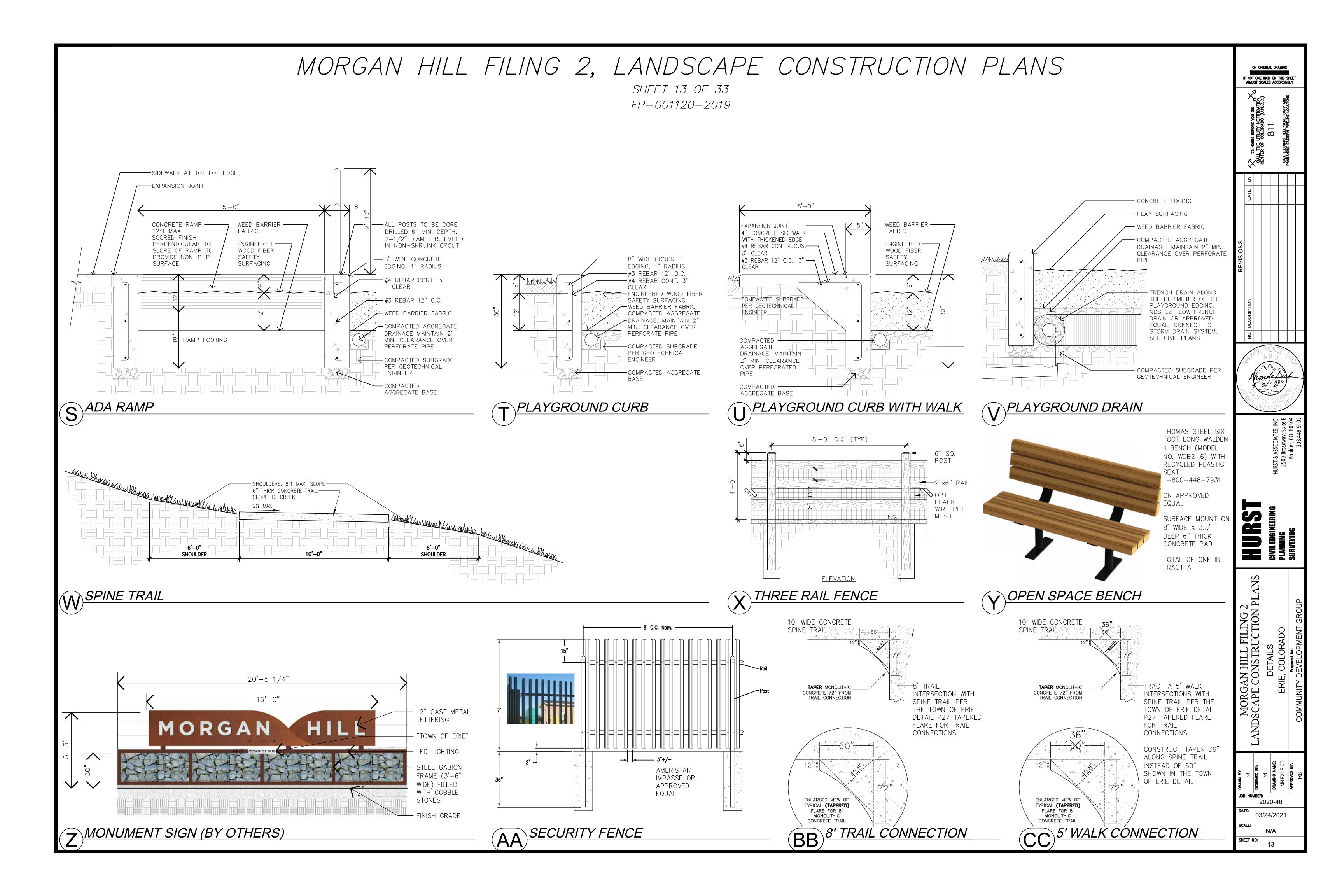
SHEET NO:

G DOG PICK-UP STATION STATION

LITTLE TYKES MAYPOLE

MANUFACTURER'S STANDARD COLORS



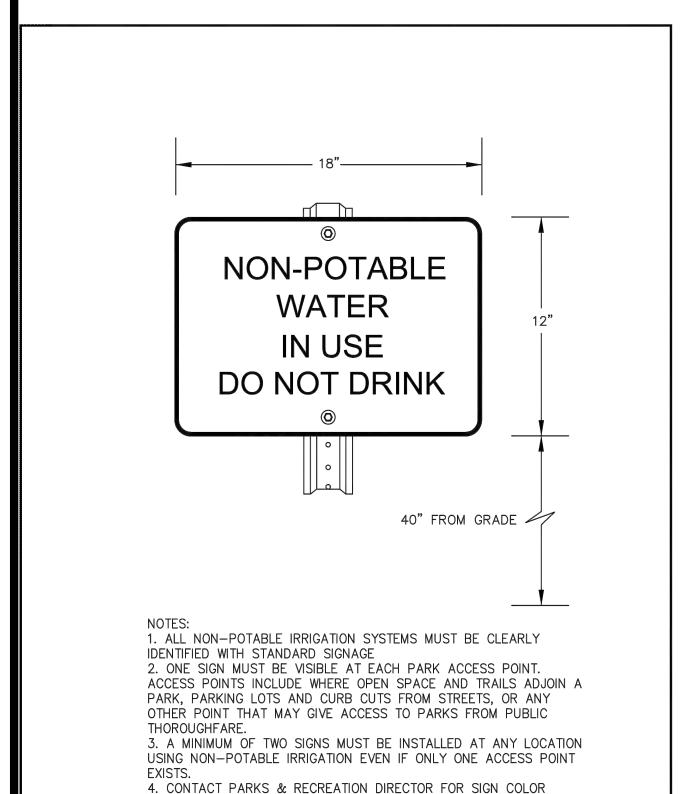


## MORGAN HILL FILING 2, LANDSCAPE CONSTRUCTION PLANS

SHEET 14 OF 33 FP-001120-2019

### LANDSCAPE NOTES

- ALL PLANT MATERIALS SHALL BE IN ACCORDANCE WITH AAN (American Association of Nurserymen) SPECIFICATIONS FOR NUMBER ONE GRADE.
- 2. ALL TURF AREAS SHALL BE IRRIGATED WITH AN UNDERGROUND AUTOMATIC POP-UP IRRIGATION SYSTEM PROVIDING FULL COVERAGE. ALL SHRUB BEDS AND TREES TO BE IRRIGATED WITH AN AUTOMATIC DRIP (TRICKLE) IRRIGATION SYSTEM. THE IRRIGATION SYSTEM IS TO BE ADJUSTED TO MEET THE WATER REQUIREMENTS OF THE INDIVIDUAL PLANT MATERIAL. PER THE ANNEXATION AGREEMENT, TOWN'S RE-USE WATER WILL IRRIGATE LANDSCAPE AREAS WITH THE EXCEPTION OF THE TOT LOT AND AMENITY CENTER.
- 3. ALL TREES TO BE BALLED & BURLAPPED, CONTAINERIZED, OR ROOT CONTROL BAGS.
- 4. ALL SHRUB BEDS TO BE MULCHED WITH ROCK MULCH (3" AVERAGE DEPTH) ON LANDSCAPING FILTER FABRIC. INDIVIDUAL TREES IN SOD OR NATIVE SEED TO RECEIVE WOOD MULCH (3" AVERAGE DEPTH). ALL BEDS ADJACENT TO SOD OR NATIVE SEED TO BE BORDERED WITH LANDSCAPE EDGER. EDGER TO BE SET LEVEL WITH TOP OF SOD. EDGER TO ALSO BE INSTALLED TO SEPARATE WOOD MULCH AND ROCK MULCH.
- 5. OWNER SHALL ENSURE THAT THE LANDSCAPE PLAN IS COORDINATED WITH THE PLANS DONE BY OTHER CONSULTANTS SO THE PROPOSED GRADING, STORM DRAINAGE, OR OTHER CONSTRUCTION DOES NOT CONFLICT NOR PRECLUDE INSTALLATION AND MAINTENANCE OF LANDSCAPE ELEMENTS ON THIS PLAN.
- 6. ANY CHANGES IN SPECIES AND PLANT LOCATIONS DURING CONSTRUCTION AS REQUIRED BY SITE CONDITIONS OR AVAILABILITY NEED APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. OVERALL QUALITY AND DESIGN CONCEPT TO BE CONSISTENT WITH APPROVED LANDSCAPE PLANS. ANY CHANGES WILL BE PROVIDED TO OWNER AND THE TOWN OF ERIE FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
- 7. TURF GRASS WILL BE SODDED WITH TURF-TYPE TALL FESCUE.
- 8. TO THE MAXIMUM EXTENT FEASIBLE, TOPSOIL THAT IS REMOVED DURING CONSTRUCTION ACTIVITY SHALL BE CONSERVED FOR LATER USE ON AREAS REQUIRING REVEGETATION AND LANDSCAPING.



DRAWING TITLE: NON—POTABLE SIGNAGE

PRAWN BY: J. ASCUNCE APPROVED BY: R. PENNINGTON DATE: 10/2018

- 9. DEVELOPER TO FOLLOW ALL TOWN OF ERIE STANDARDS AND SPECIFICATIONS FOR ALL LANDSCAPE AND IRRIGATION WORK. ALL TOWN OF ERIE LANDSCAPE ACCEPTANCE PROCEDURES FOR HOA/DISTRICT MAINTAINED TRACTS SHALL BE FOLLOWED. ALL INSPECTIONS FOR SAID WORK SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE ARCHITECT, WITH THE EXCEPTION OF ANY TOWN-OWNED/MAINTAINED PARCELS, WHICH SHALL BE THE RESPONSIBILITY OF THE PARKS AND OPEN SPACE DIVISION MANAGER OR DESIGNEE TO INSPECT AND ACCEPT.
- 10. IRRIGATION VAULT IS SHOWN ON THE FILING 1 H.O.A. PUMP STATION & METER VAULT.
- 11. LANDSCAPING, IRRIGATION AND MAINTENANCE OF THE PRIVATE TRACTS AND THE PUBLIC R.O.W. ADJACENT TO TRACTS SHALL BE THE RESPONSIBILITY OF THE HOMEOWNER ASSOCIATION.
- 12. LANDSCAPING, IRRIGATION AND MAINTENANCE OF PUBLIC R.O.W. ADJACENT TO LOTS SHALL BE THE RESPONSIBILITY OF THE ADJACENT PROPERTY OWNER. ALL STREET TREE SPECIES AND THEIR LOCATIONS SHALL BE APPROVED BY COMMUNITY SERVICES DIRECTOR OR DESIGNEE WHETHER THEY BE INSTALLED BY THE HOMEBUILDER OR PROPERTY OWNER. ASH TREES SHALL NOT BE PLANTED UNDER ANY CIRCUMSTANCES.
- 13. LANDSCAPING, IRRIGATION AND MAINTENANCE OF FUTURE TOWN OPEN SPACE TO FOLLOW SECTION 1000 OF THE TOWN OF ERIE PARKS AND RECREATION CONSTRUCTION.
- 14. TRANSFORMERS, GROUND MOUNTED HVAC EQUIPMENT, UTILITY PEDESTALS, ETC. ARE NOT SHOWN ON THE LANDSCAPE PLAN, ADDITIONAL LANDSCAPING AND ASSOCIATED IRRIGATION WILL BE REQUIRED BASED UPON FIELD CONDITIONS IN ORDER TO SCREEN THE ABOVE GROUND UTILITY FACILITIES. THE ADDITIONAL LANDSCAPING OF THE ABOVE GROUND UTILITY FACILITIES SHALL BE INSTALLED PRIOR TO INSPECTION BY THE LANDSCAPE ARCHITECT. THE COMPLIANCE STATEMENT SUBMITTED FOR INITIAL ACCEPTANCE OF THE LANDSCAPING SHALL INCLUDE A DECLARATION THAT THE UTILITY FACILITIES HAVE BEEN LANDSCAPED AS REQUIRED
- 15. ALL HOA/DISTRICT MAINTAINED LANDSCAPING TO BE INSPECTED BY A COLORADO LANDSCAPE ARCHITECT IN GOOD STANDING AND PAID FOR BY THE DEVELOPER.
- 16. TREES LOCATED WITHIN THE TREE LAWN SHALL BE IN ACCORDANCE WITH THE SIGHT DISTANCE REQUIREMENTS DETAILED IN DRAWING #ST5 OF THE TOWN OF ERIE STANDARDS AND SPECIFICATIONS.
- 17. UPON COMPLETION OF THE PROJECT, DEVELOPER / LANDSCAPE ARCHITECT TO PROVIDE TOWN OF ERIE A FULL SET OF AS-BUILT DRAWINGS OF ALL LANDSCAPE AND IRRIGATION, ON A CD SET INCLUDING LATEST VERSION OF PDF AND AUTO-CAD. IN ADDITION, A SIGNED LANDSCAPE/IRRIGATION COMPLIANCE STATEMENT SHALL BE PROVIDED TO THE TOWN
- 18. THE IRRIGATION SYSTEM SHALL BE REVIEWED AND APPROVED BY THE TOWN OF ERIE PRIOR TO FINAL LANDSCAPE PLAN APPROVAL.
- 19. CRUSHER FINES TO BE GREY GRANITE FROM ALBERT FREI & SONS OR APPROVED EQUAL, STABILIZATION OF CRUSHER FINES IS RECOMMENDED.
- 20. ALL TOWN OF ERIE NATIVE AREAS LESS THAN 15 FEET FROM WALKS/TRAILS TO BE SEEDED WITH ERIE'S "SHORT GRASS PRAIRIE SEED MIXTURE". CONTRACTOR SHALL APPLY STRAW TO BE CRIMPED AT A RATE OF TWO TONS PER ACRE OR HYDRO-MULCH SHALL BE WOOD CELLULOSE FIBER TYPE AT A RATE OF 2500#/ACRE WITH 150#/ACRE TACKIFIER. HYDRO-MULCH MUST BE APPLIED THE SAME DAY AS SEEDING WITH 100% COVERAGE.
- 21. ALL TOWN OF ERIE NATIVE AREAS MORE THAN 15 FEET FROM WALKS/TRAILS TO BE SEEDED WITH ERIE'S "MIXED GRASS PRAIRIE NATIVE SEED MIXTURE". CONTRACTOR SHALL APPLY STRAW TO BE CRIMPED AT A RATE OF TWO TONS PER ACRE OR HYDROMULCH SHALL BE WOOD ELLULOSE FIBER TYPE AT A RATE OF 2500#/ACRE WITH 150#/ACRE TACKIFIER. HYDRO-MULCH MUST BE APPLIED THE SAME DAY AS SEEDING WITH 100% COVERAGE.
- 22. ALL TOWN OF ERIE NATIVE AREAS WITHIN THE LIMIT OF WORK LINE TO RECEIVE FULL COVERAGE UNDERGROUND TEMPORARY IRRIGATION TO ACHIEVE ESTABLISHMENT.
- 23. NATIVE SEED AREAS IN TOWN OF ERIE OPEN SPACE WILL RECEIVE THE SPECIFIED CLASS 1 ORGANIC COMPOST AT THE RATE OF (3) THREE YARDS PER (1000) ONE THOUSAND SQUARE FEET.
- 24. NATIVE AREAS SHALL BE AMENDED WITH FORTE BIOSOL AFTER SEEDING, BUT PRIOR TO STRAW/HYDRO-MULCHING AT A RATE OF (800) EIGHT HUNDRED POUNDS PER ACRE.

TABLE 1. WARM SEASON MIXED GRASS PRAIRIE NATIVE SEED MIXTURE (MG) FOR USE IN OPEN SPACE NATIVE SEEDING AT LEAST 15 FEET AWAY FROM ROAD AND TRAIL EDGES. THIS MIXTURE IS FOR GENERAL USAGE, IS DOMINATED BY SHORT TO MID-SIZED NATIVE PRAIRIE GRASSES (6-18 INCHES IN HEIGHT), BUT INCLUDES A FEW TALLER SPECIES (UP TO 36 INCHES). BEST USED IN LARGER OPEN SPACE AREAS. WHILE SEEDING IS PREFERRED BEGINNING IN LATE WINTER (AFTER FEBRUARY 1ST), THIS MIXTURE MAY BE BE USED BETWEEN OCTOBER 30TH AND APRIL 30TH ONLY WITHOUT SUPPLEMENTAL IRRIGATION. IF ADEQUATE SUPPLEMENTAL IRRIGATION IS IN PLACE, THIS MIXTURE MAY BE SEEDED THROUGH JUNE 15TH.

COMMON NAME	SCIENTIFIC NAME	VARIETY PLS POUNDS/AC	CRE
BUFFALO GRASS	BUCHLOE DACTYLOIDES	NATIVE, BISON OR TEXOKA	
SIDEOATS GRAMA	BOUTELOUA CURTIPENDULA	BUTTE, NINER OR EL RENO	5
PRAIRIE SANDREED	CALAMOVILFA LONGIFOLIA	GOSHEN OR BOWMAN	1
BLUE GRAMA	CHONDROSUM GRACILE	LOVINGTON, ALMA, NATIVE OR HACHITA	3
WESTERN WHEATGRASS	PASCOPYRUM SMITHII	ARRIB OR ROSANA	5
LITTLE BLUESTEM	SCHIZACHYRIUM SCOPARIUM	PASTURA, ALDOUS, CIMARRON OR CAMPER	4
ALKALI SACATON	SPOROBOLUS AIROIDES	SABADO	1
SAND DROPSEED	SPOROBOLUS CRYPTANDRUS	COMMON	1
SWITCHGRASS	PANICUM VIRGATUM	BLACKWELL	5

SEEDING RATE POUNDS PLS/ACRE

TABLE 2. SHORTGRASS PRAIRIE NATIVE SEED MIXTURE (SG) FOR USE IN OPEN SPACE NATIVE SEEDING LESS THAN 25 FEET FROM ROAD AND TRAIL EDGES, OR WITHIN THE TOP OF SLOPE ABOVE ROADWAY/TRAIL AND INSIDE THE TOE OF SLOPE BELOW ROADWAY/TRAIL IF SLOPED AREAS ARE PRESENT ADJACENT TO ROADWAY OR TRAIL. THIS MIXTURE IS FOR SPECIFIC USAGE NEAR TRAILS OR WHERE SHORTER GRASSES ARE DESIRED (SUCH AS SMALLER PARK SITES). IT IS DOMINATED BY SHORT TO MID-SIZED NATIVE PRAIRIE GRASSES (6-18 INCHES IN HEIGHT). BEST FOR USE ALONG ROADS AND TRAILS AND IN SMALLER NATIVE SEEDED PARK AREAS. WHILE SEEDING IS PREFERRED BEGINNING IN LATE WINTER (AFTER FEBRUARY 1ST), THIS MIXTURE MAY BE BE USED BETWEEN OCTOBER 30TH AND APRIL 30TH ONLY WITHOUT SUPPLEMENTAL IRRIGATION. IF ADEQUATE SUPPLEMENTAL IRRIGATION IS IN PLACE, THIS MIXTURE MAY BE SEEDED THROUGH JUNE 15TH.

COMMON NAME	SCIENTIFIC NAME	VARIETY	PLS POUNDS/A	CRE
BUFFALO GRASS	BUCHLOE DACTYLOIDES	NATIVE, BISON OR	· · · · · · · · · · · · · · · · · · ·	14
BLUE GRAMA	CHONDROSUM GRACILE	LOVINGTON, ALMA,	NATIVE OR HACHITA	12
SAND DRODSEED	SDUBURUILIS CRADITAVIDEITS	COMMON		1

SEEDING RATE POUNDS PLS/ACRE

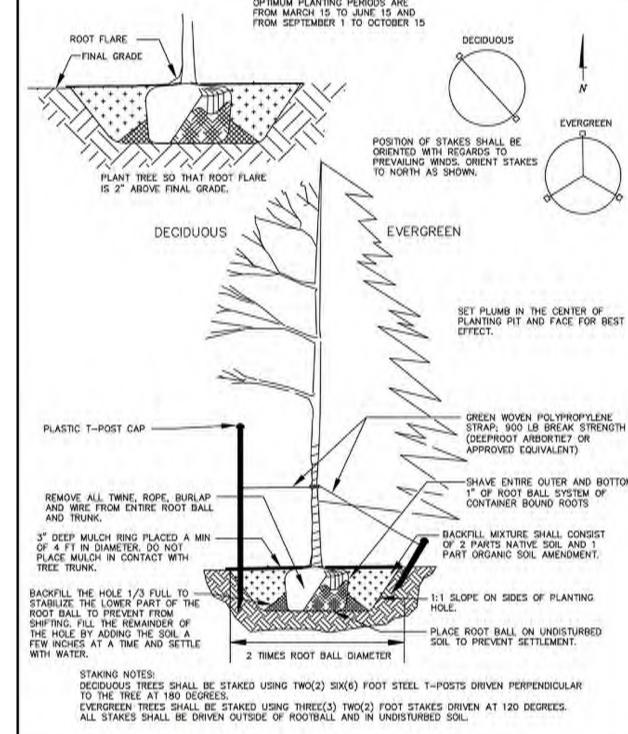
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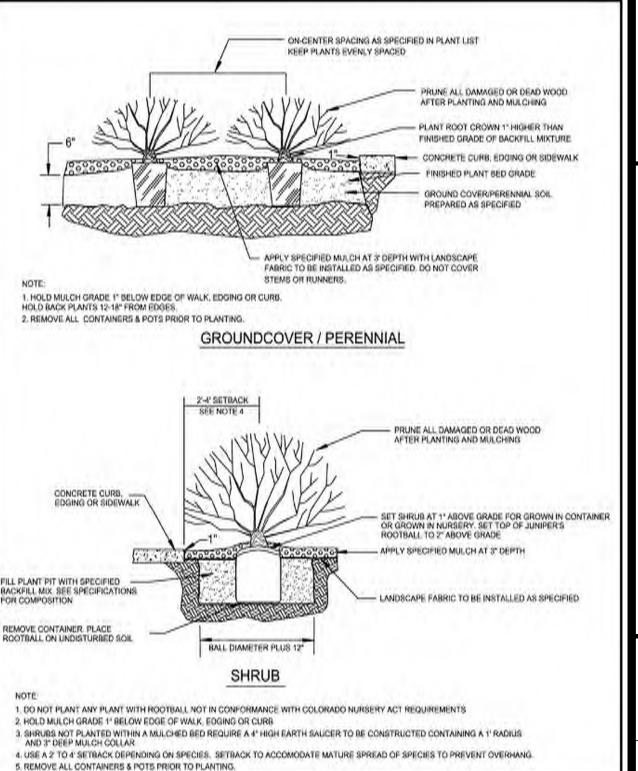
TABLE 3. MOIST SWALE SEED MIXTURE (MS) THIS MIXTURE IS INTENDED TO BE SEEDED OVER THE TOP OF EITHER TABLE 1 OR TABLE 2 SEED MIXTURES IN LOCATIONS WHICH MAY BE MOIST AT LEAST SOME OF THE YEAR (SUCH AS POND EDGES, SMALL OR LARGER SWALES OR DITCHES WITHIN THE OPEN SPACE AREAS OR ALONG ROADS, IN DETENTION OR RETENTION BASINS, OR ALONG THE INNER BANKS OF IRRIGATION DITCHES. BE SURE TO SEED ONE OF THE OTHER SEED MIXTURES FIRST AND THEN ADD THIS MIXTURE TO PROVIDE ADEQUATE SPECIES ADAPTED TO MOIST CONDITIONS. THIS MIXTURE MAY BE USED BETWEEN OCTOBER 30TH AND JUNE 15TH WITHOUT SUPPLEMENTAL IRRIGATION, AND FROM JUNE 16TH THROUGH JULY 31ST IF ADEQUATE SUPPLEMENTAL IRRIGATION IS PRESENT AND ACCEPTABLE TO THE PARKS & RECREATION DIRECTOR OR DESIGNEE.

COMMON NAME	SCIENTIFIC NAME	VARIETY	PLS POUNDS/ACRE
WOOLY SEDGE	CAREX LANUGINOSA	NATIVE	0.5
NEBRASKA SEDGE	CAREX NEBRASCENSIS	NATIVE	0.1
BLUE GRAMA	CHONDROSUM GRACILE	LOVINGTON, ALMA,	NATIVE OR HACHITA 1.5
BUFFALO GRASS	BUCHLOE DACTYLOIDES	NATIVE, BISON OR	TEXOKA 0.5
INLAND SALTGRASS	DISTICHLIS STRICTA	NATIVE	0.5
BALTIC RUSH	JUNCUS BALTICUS	NATIVE	0.1
PRAIRIE CORDGRASS	SPARTINA PECTINATA	NATIVE	1
ALKALI SACATON	SPOROBOLUS AIROIDES	NATIVE	3
SWITCHGRASS	PANICUM VIRGATUM	BLACKWELL	3
WESTERN WHEATGRASS	PASCOPYRUM SMITHII	ARRIBA OR ROSAN	<u>5</u>

SEEDING RATE POUNDS PLS/ACRE

15.20





WING TITLE SHRUB & GROUNDCOVER/

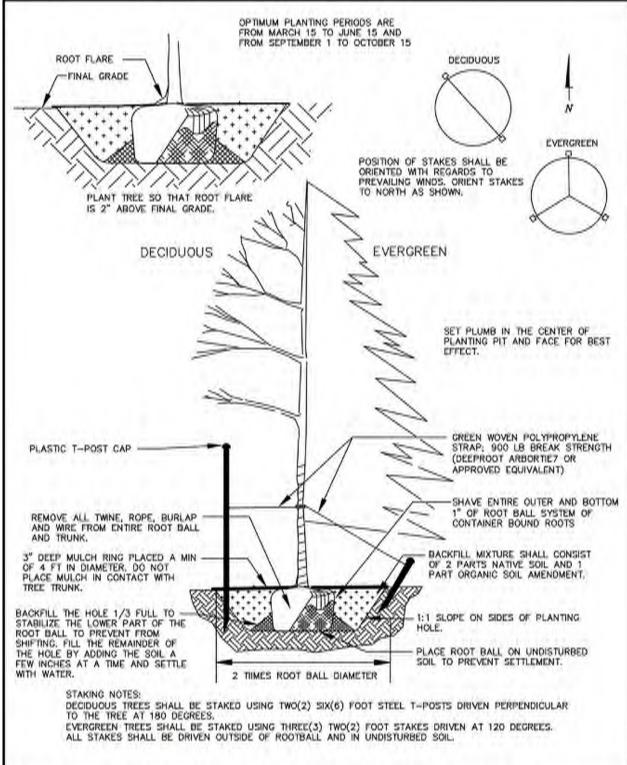
PERENNIAL PLANTING DETAIL

DRAWN BY: D. JENKINS APPROVED BY: G. BEHLEN DATE: 01/2006

DRAWING TITLE TREE PLANTING DETAIL

DRAWN BY: D. JENKINS APPROVED BY: G. HEGNER DATE: 1/2014

RAWING NUMBER: P20A





ON ORIGINAL DRAWING

IF NOT ONE INCH ON THIS SHEE ADJUST SCALES ACCORDINGLY

2020-46

03/24/2021

SHEET NO:

DRAWING NUMBER: P28

SHEET 1 OF 19 FP-001120-2019

#### IRRIGATION SCHEDULE

### W TO TO HUNTER PROS-06-PRS30-CV-R WITH TORO NOZZLES 10 SERIES 30

HUNTER PROS-06-PRS30-CV: TURF SPRAY, 30 PSI REGULATED 6.0" POP-UP. WITH FACTORY INSTALLED DRAIN CHECK VALVE AND RECLAIMED PURPLE BODY CAP. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL. UTILIZE TORO PRECISION



HUNTER PROS-06-PRS30-CV-R WITH TORO NOZZLES 12 SERIES 30 HUNTER PROS-06-PRS30-CV: TURF SPRAY, 30 PSI REGULATED 6.0" POP-UP. WITH FACTORY INSTALLED DRAIN CHECK VALVE AND RECLAIMED PURPLE BODY CAP. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL. UTILIZE TORO PRECISION SPRAY NOZZLES



6.0" POP-UP. WITH FACTORY INSTALLED DRAIN CHECK VALVE AND RECLAIMED PURPLE BODY CAP. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL. UTILIZE TORO PRECISION

PSI GPM RADIUS

60 8.20 51'



RAIN BIRD F4-PC, FC-SS-NP 60 4.00 41' TURF ROTOR, 4.0" POP-UP, STAINLESS STEEL RISER, ADJUSTABLE AND FULL CIRCLE. WITH REMOVABLE SEAL-A-MATIC CHECK VALVE, I" FEMALE THREADED INLET. WITH

RAIN BIRD F4-PC, FC-SS-NP TURF ROTOR, 4.0" POP-UP, STAINLESS STEEL RISER, ADJUSTABLE AND FULL CIRCLE. WITH REMOVABLE SEAL-A-MATIC CHECK VALVE, I" FEMALE THREADED INLET. WITH NON-POTABLE PURPLE COVER.

#### MANUFACTURER/MODEL/DESCRIPTION

TOWN OF ERIE DRIP VALVE ASSEMBLY RAIN BIRD XCZ- I 00-PRB-COM: WIDE FLOW DRIP CONTROL KIT FOR COMMERCIAL APPLICATIONS. I" BALL VALVE WITH I" PESB-R VALVE AND I" PRESSURE REGULATING 40PSI QUICK-CHECK BASKET FILTER. 0.3GPM TO 20GPM.

DRIP FLUSH VALVE ASSEMBLY NETAFIM TLFV-1. AUTOMATIC FLUSH VALVE, WITH INSERT INLET

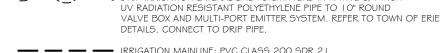
MANUFACTURER/MODEL/DESCRIPTION TOWN OF ERIE REMOTE CONTROL VALVE

RAIN BIRD PESBR: I", I-1/2", AND 2" DURABLE CHLORINE-RESISTANT VALVES FOR RECLAIMED WATER APPLICATIONS. WITH SCRUBBER MECHANISM TECHNOLOGY, AND PURPLE FLOW CONTROL HANDLE.

TOWN OF ERIE QUICK COUPLER RAIN BIRD 44-NP: I" BRASS QUICK-COUPLING VALVE, WITH NON-POTABLE PURPLE RUBBER COVER, AND 2-PIECE BODY.

ISOLATION GATE VALVE ASSEMBLY MATCO-NORCA 514TX: 1/2"-4" BRASS GATE VALVE FU PORT, WITH SOLID WEDGE. IPS. CROSS HANDLE. SAME SIZE

PVC CLASS 200 IRRIGATION PIPE. ONLY LATERAL TRANSITION PIPE SIZES I 1/4" AND ABOVE ARE INDICATED ON THE PLAN, WITH ALL OTHERS BEING I " IN SIZE.

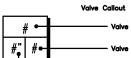


- - - IRRIGATION MAINLINE: PVC CLASS 200 SDR 2 I

DRIP IRRIGATION LATERAL LINE TO EMITTERS IN NATIVE 3/4-INCH

- · · - · IRRIGATION MAINLINE: PVC CLASS 200 SDR 21 EXISTING MAINLINE TO REMAIN

TITELE PIPE SLEEVE: PVC SCHEDULE 40 INSTALL AS SHOWN ON DESIGN OR TWICE THE SIZE OF THE PIPE OR WIRE RUNNING THRU IT. NO TWO PIPES OR WIRE BUNDLES SHALL SHARE THE SAME SLEEVE.



#### INSTALLATION GENERAL NOTES

DESIGN ASSUMES A MINIMUM DYNAMIC PRESSURE FOR THE IRRIGATION SYSTEM (PER ENGINEER) OF 90 PSI, AT A MAXIMUM FLOW OF 200 GPM AT THE 6-INCH NON-POTABLE 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. 2. 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. 2. I . 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.

2.2. 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,

3. COORDINATE UTILITY LOCATES OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION ("811-CALL BEFORE YOU DIG").

4. 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.

5. ALL IRRIGATION COMPONENTS (MAINLINE, WIRES, LATERAL LINES, ETC.) SHALL BE INSTALLED IN LANDSCAPED AREAS WHENEVER POSSIBLE, EVEN THOUGH SAI IRRIGATION COMPONENTS MAY BE SHOWN OUTSIDE PLANTING AREAS FOR CLARITY.

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 REOLOCATED, ADDITIONAL SPRINKLERS MAY BE REQUIRED.

5. AVOID CONFLICTS BETWEEN THE IRRIGATION SYSTEM, PLANTING MATERIALS, AND

6. CROSS FITTINGS ARE NOT ALLOWED, ONLY STANDARD TEES AND ELBOWS.

7. 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.

8. 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.

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

IO. 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.

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

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

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

ALL TREES LOCATED IN TOWN OWNED/MAINTAINED OPEN SPACE SHALL RECEIVE A MULTIPLE OUTLET EMITTER SYSTEM AND 10" VALVE BOX (T.O.E. DETAIL P I 7) AT EACH TREE LOCATION.

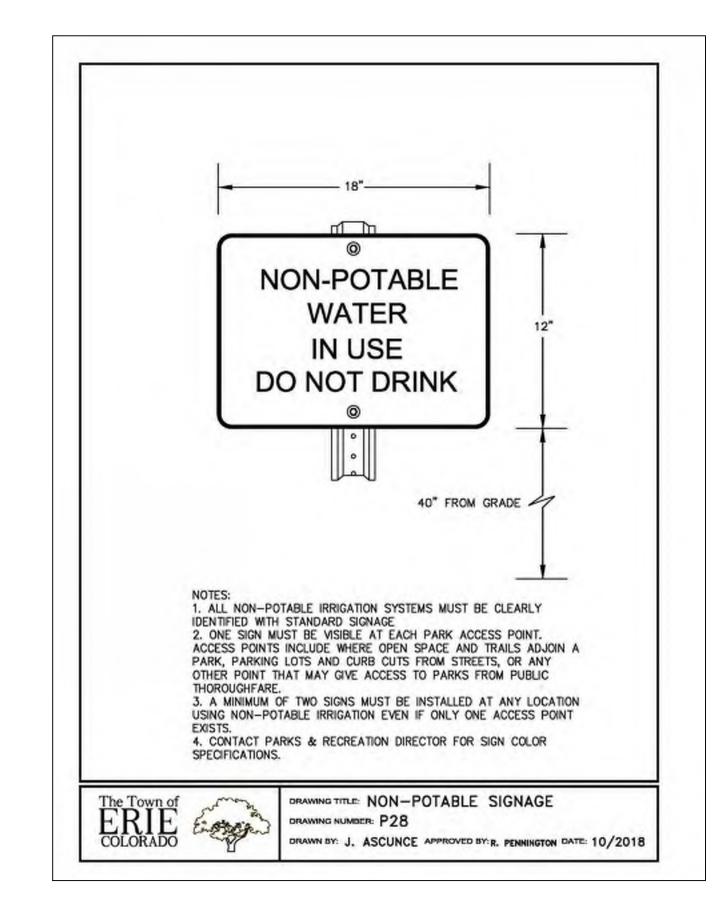
13. VALVES FOR NATIVE SEEDED AREAS SHALL BE ON A SEPARATE PROGRAM. 14. NATIVE SEEDED AREAS ARE TO BE IRRIGATED WITH A BELOW GRADE SYSTEM BUT UTILIZED FOR ESTABLISHMENT OF SEED. SYSTEM IS NOT INTENDED TO OPERATE BEYOND ESTABLISHMENT.

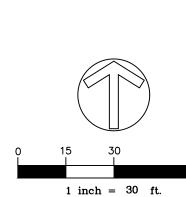
15. NO IRRIGATION EQUIPMENT, INCLUDING BUT NOT LIMITED TO, MAINLINE, VALVES, AND SPRINKLERS, SHALL BE INSTALLED WITHIN 3' OF NEW BUILDING FOUNDATION.

#### REFERENCE NOTES SCHEDULE

THE IRRIGATION SYSTEM POINT-OF-CONNECTION (POC) SHALL BE DOWNSTREAM OF THE NON-POTABLE BOOSTER PUMP DISCHARGE LINE (REFER TO CIVIL DRAWINGS) AT THE APPROXIMATE LOCATION SHOWN. INSTALL ISOLATION GATE VALVE MASTER VALVE ASSEMBLY, AND FLOW SENSOR AS REPRESENTATIVE. VERIFY PRESSURE AND FLOW ON SITE PRIOR

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). INSTALL MASTER VALVE RELAY TO OPERATE BETWEEN TWO CONTROLLERS. INSTALL PER MANUFACTURER'S



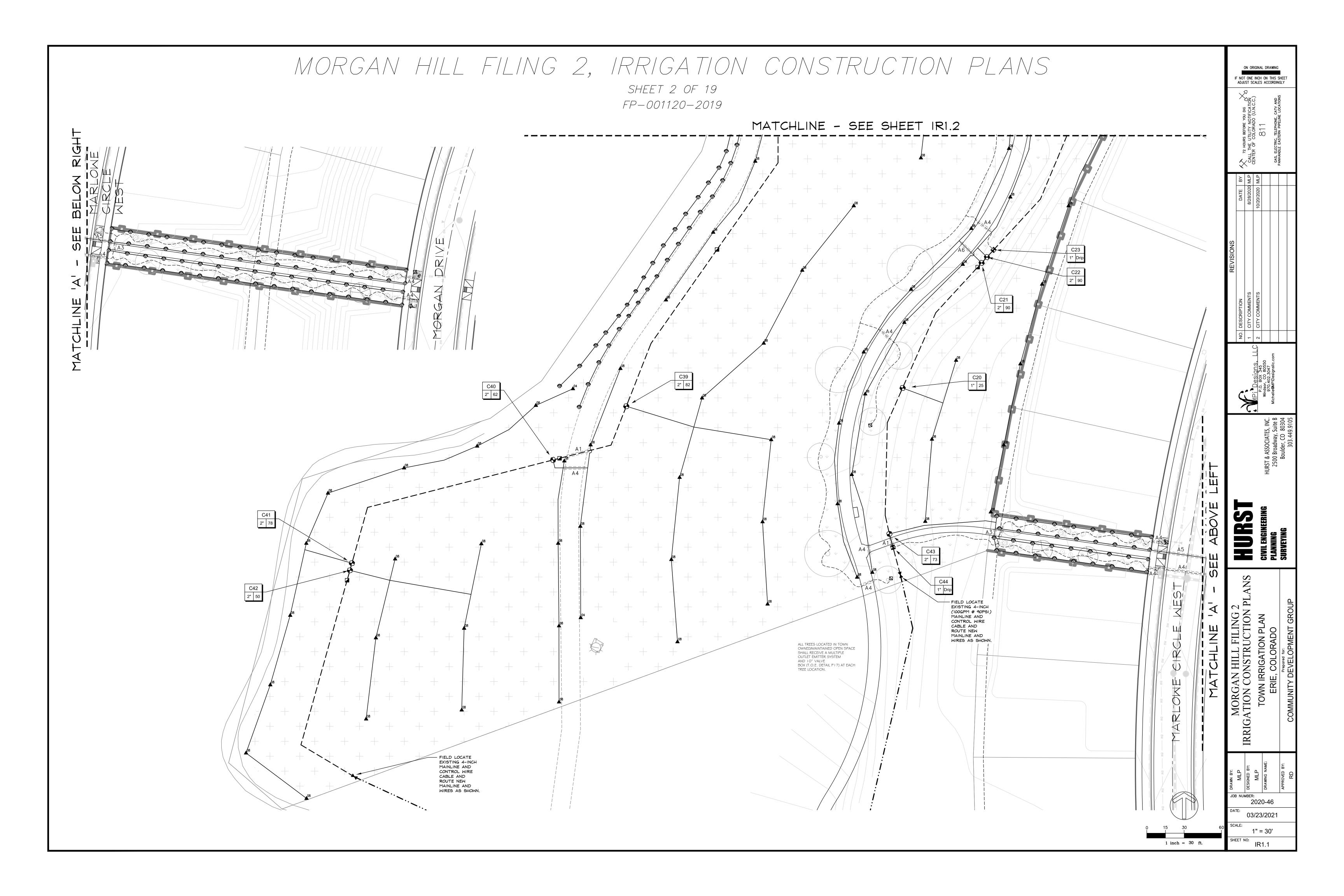


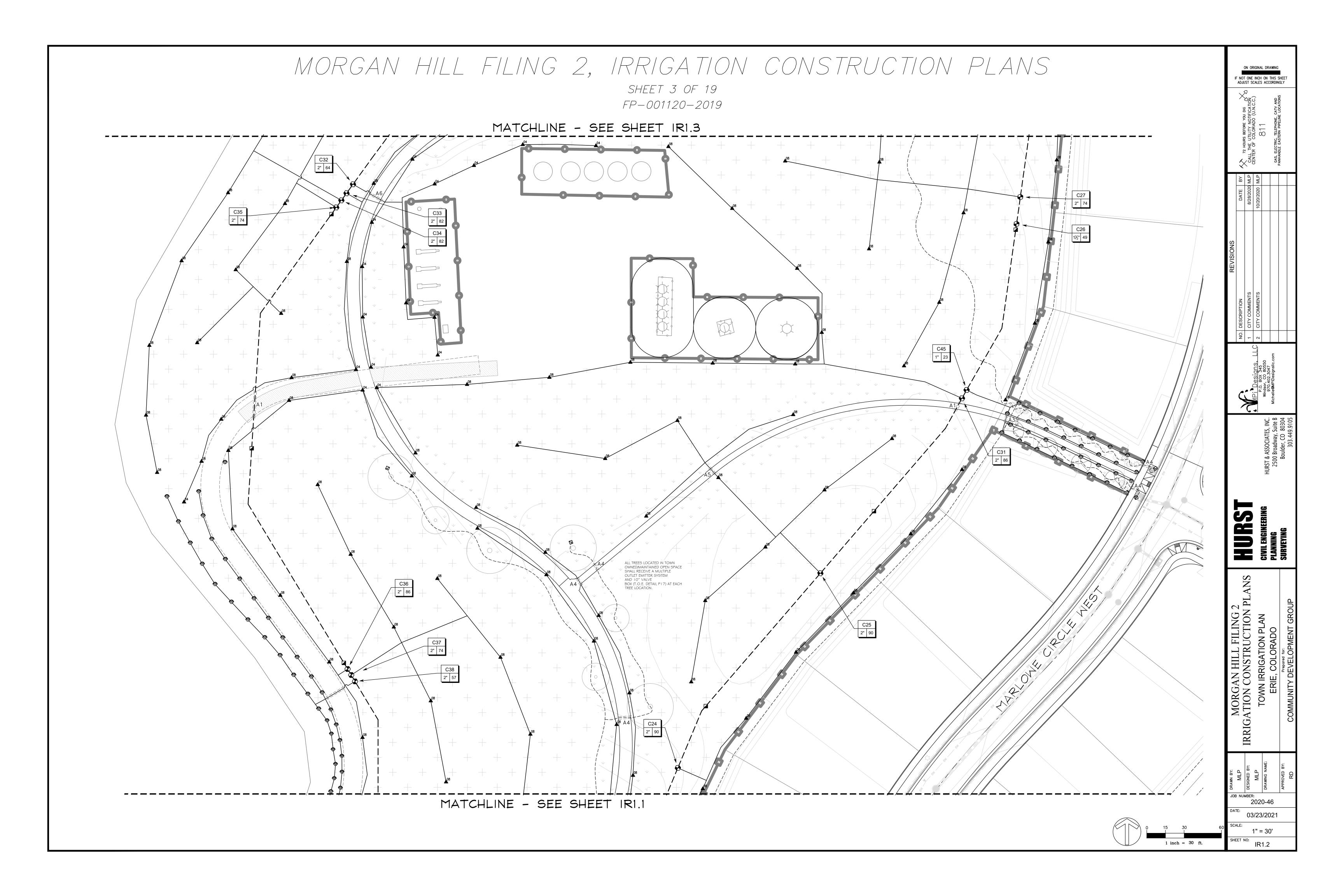
ON ORIGINAL DRAWING F NOT ONE INCH ON THIS SHEET ADJUST SCALES ACCORDINGLY XVE (.

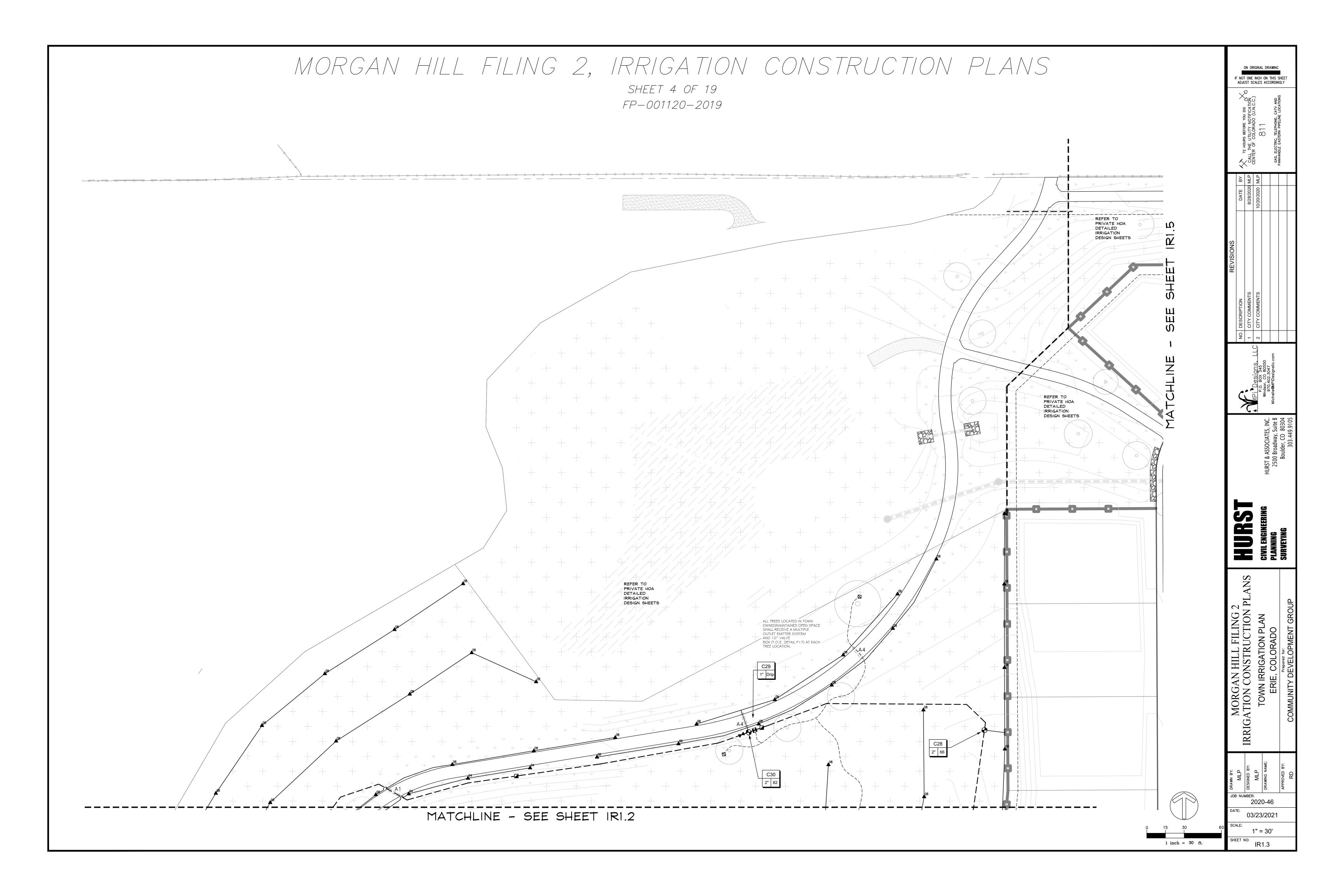
MORGAN HILL FILING 2 ATION CONSTRUCTION P TOWN IRRIGATION PLAN ERIE, COLORADO

JOB NUMBER: 2020-46 03/23/2021

SHEET NO:







SHEET 5 OF 19 FP-001120-2019

#### IRRIGATION SCHEDULE

<u>MBOL</u>	MANUFACTURER/MODEL/DESCRIPTION	<u>PSI</u>		
®®®®®®®®®®®®®®®®®®®®®®®®®®®®®®®®®®®®	HUNTER PROS-0G-PRS30-CV-R WITH TORO NOZZLES & SERIES HUNTER PROS-0G-PRS30-CV: TURF SPRAY, 30 PSI REGULATED 6.0" POP-UP. WITH FACTORY INSTALLED DRAIN CHECK VALVE AND RECLAIMED PURPLE BODY CAP. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL. UTILIZE TORO PRECISION SPRAY NOZZLES	30		
00 00 00 00 00 00 00 00 00 00 00 00 00	HUNTER PROS-06-PRS30-CV-R WITH TORO NOZZLES 10 SERIES HUNTER PROS-06-PRS30-CV: TURF SPRAY, 30 PSI REGULATED 6.0" POP-UP. WITH FACTORY INSTALLED DRAIN CHECK VALVE AND RECLAIMED PURPLE BODY CAP. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL. UTILIZE TORO PRECISION SPRAY NOZZLES	30		
2	HUNTER PROS-0G-PR530-CV-R WITH TORO NOZZLES 12 SERIES HUNTER PROS-0G-PR530-CV: TURF SPRAY, 30 P5I REGULATED 6.0" POP-UP. WITH FACTORY INSTALLED DRAIN CHECK VALVE AND RECLAIMED PURPLE BODY CAP. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL. UTILIZE TORO PRECISION SPRAY NOZZLES	30		
5	HUNTER PROS-06-PRS30-CV-R WITH TORO NOZZLES 15 SERIES HUNTER PROS-06-PRS30-CV: TURF SPRAY, 30 PSI REGULATED 6.0" POP-UP. WITH FACTORY INSTALLED DRAIN CHECK VALVE AND RECLAIMED PURPLE BODY CAP. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL. UTILIZE TORO PRECISION SPRAY NOZZLES	30		
\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	HUNTER PROS-06-PR530-CV-R WITH TORO NOZZLES 4X STRIP SPRAY HUNTER PROS-06-PR530-CV: TURF SPRAY, 30 PSI REGULATED 6.0" POP-UP. WITH FACTORY INSTALLED DRAIN CHECK VALVE AND RECLAIMED PURPLE BODY CAP. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL. UTILIZE TORO PRECISION SPRAY NOZZLES	30		
MBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI	GPM	RADIUS
<u> </u>	HUNTER I-20-06-SS-R TURF ROTOR, 6.0" POP-UP. ADJUSTABLE AND FULL CIRCLE. STAINLESS STEEL RISER. DRAIN CHECK VALVE, STANDARD NOZZLE. WITH RECLAIMED WATER PURPLE ID.	55	1.80	32'
<b>29</b>	HUNTER I-20-06-SS-R TURF ROTOR, 6.0" POP-UP. ADJUSTABLE AND FULL CIRCLE. STAINLESS STEEL RISER. DRAIN CHECK VALVE. STANDARD NOZZLE. WITH RECLAIMED WATER PURPLE ID.	55	2.10	34'
<b>3</b>	HUNTER I-20-06-55-R TURF ROTOR, G.O" POP-UP. ADJUSTABLE AND FULL CIRCLE. STAINLESS STEEL RISER. DRAIN CHECK VALVE, STANDARD NOZZLE. WITH RECLAIMED WATER PURPLE ID.	55	2.60	35'
<b>59</b>	HUNTER I-20-06-SS-R TURF ROTOR, 6.0" POP-UP. ADJUSTABLE AND FULL CIRCLE. STAINLESS STEEL RISER. DRAIN CHECK VALVE. STANDARD NOZZLE. WITH RECLAIMED WATER PURPLE ID.	55	3.40	39'
€	HUNTER I-20-06-SS-R TURF ROTOR, 6.0" POP-UP. ADJUSTABLE AND FULL CIRCLE. STAINLESS STEEL RISER. DRAIN CHECK VALVE. STANDARD NOZZLE. WITH RECLAIMED WATER PURPLE ID.	55	4.50	
<b>60</b>	HUNTER I-20-06-55-R TURF ROTOR, 6.0" POP-UP. ADJUSTABLE AND FULL CIRCLE. STAINLESS STEEL RISER. DRAIN CHECK VALVE. STANDARD NOZZLE. WITH RECLAIMED WATER PURPLE ID.		5.70	
69	HUNTER I-20-06-95-R TURF ROTOR, G.O" POP-UP. ADJUSTABLE AND FULL CIRCLE. STAINLESS STEEL RISER. DRAIN CHECK VALVE. STANDARD NOZZLE. WITH RECLAIMED WATER PURPLE ID.		6.70	
<b>69</b> <b>65</b>	HUNTER I-20-06-55-R TURF ROTOR, 6.0" POP-UP. ADJUSTABLE AND FULL CIRCLE. STAINLESS STEEL RISER. DRAIN CHECK VALVE. STANDARD NOZZLE. WITH RECLAIMED WATER PURPLE ID. HUNTER I-25-06-55-R	55	9.00 5.30	46' 45'
<b>9</b>	TURF ROTOR, 6.0" POP-UP. ADJUSTABLE AND FULL CIRCLE. STAINLESS STEEL RISER. DRAIN CHECK VALVE. STANDARD NOZZLE. WITH PURPLE COVER FOR RECLAIMED WATER ID. HUNTER I-25-O6-SS-R		7.50	
<b>®</b>	TURF ROTOR, 6.0" POP-UP. ADJUSTABLE AND FULL CIRCLE. STAINLESS STEEL RISER. DRAIN CHECK VALVE. STANDARD NOZZLE. WITH PURPLE COVER FOR RECLAIMED WATER ID. HUNTER I-25-O6-SS-R	60		50'
<b>©</b>	TURF ROTOR, G.O" POP-UP. ADJUSTABLE AND FULL CIRCLE. STAINLESS STEEL RISER. DRAIN CHECK VALVE. STANDARD NOZZLE. WITH PURPLE COVER FOR RECLAIMED WATER ID. HUNTER I-25-0G-SS-R	60	11.1	52'
<u> </u>	TURF ROTOR, G.O" POP-UP. ADJUSTABLE AND FULL CIRCLE. STAINLESS STEEL RISER. DRAIN CHECK VALVE. STANDARD NOZZLE. WITH PURPLE COVER FOR RECLAIMED WATER ID. HUNTER I-25-06-95-R	60	12.3	54'
15	TURF ROTOR, G.O" POP-UP. ADJUSTABLE AND FULL CIRCLE. STAINLESS STEEL RISER. DRAIN CHECK VALVE. STANDARD NOZZLE. WITH PURPLE COVER FOR RECLAIMED WATER ID. HUNTER I-25-OG-SS-R	60	14.3	57'
<b>(B)</b>	TURF ROTOR, 6.0" POP-UP. ADJUSTABLE AND FULL CIRCLE. STAINLESS STEEL RISER. DRAIN CHECK VALVE. STANDARD NOZZLE. WITH PURPLE COVER FOR RECLAIMED WATER ID. HUNTER I-25-O6-S5-R TURF ROTOR, 6.0" POP-UP. ADJUSTABLE AND FULL CIRCLE.	60	15.7	59'
<b>②</b>	STAINLESS STEEL RISER. DRAIN CHECK VALVE. STANDARD NOZZLE. WITH PURPLE COVER FOR RECLAIMED WATER ID.  HUNTER I-25-06-S5-R TURF ROTOR, G.O" POP-UP. ADJUSTABLE AND FULL CIRCLE.	60	17.8	62'
<b>3</b>	STAINLESS STEEL RISER. DRAIN CHECK VALVE. STANDARD NOZZLE. WITH PURPLE COVER FOR RECLAIMED WATER ID.  HUNTER I-25-06-SS-R TURF ROTOR, G.O" POP-UP. ADJUSTABLE AND FULL CIRCLE.	60	21.9	64'
<b>3</b>	STAINLESS STEEL RISER. DRAIN CHECK VALVE. STANDARD NOZZLE. WITH PURPLE COVER FOR RECLAIMED WATER ID.  HUNTER I-25-OG-SS-R TURF ROTOR, G.O" POP-UP. ADJUSTABLE AND FULL CIRCLE. STAINLESS STEEL RISER. DRAIN CHECK VALVE. STANDARD NOZZLE.	60	23.5	66'
1.0	WITH PURPLE COVER FOR RECLAIMED WATER ID.  HUNTER PGJ-06-R  TURF ROTOR, 6.0" POP-UP. ADJUSTABLE AND FULL CIRCLE. WITH RECLAIMED WATER PURPLE ID, AND DRAIN CHECK VALVE.	50	1.10	19'
1.5	HUNTER PGJ-06-R TURF ROTOR, G.O" POP-UP. ADJUSTABLE AND FULL CIRCLE. WITH RECLAIMED WATER PURPLE ID, AND DRAIN CHECK VALVE.	50	1.70	22'
2.5	HUNTER PGJ-06-R TURF ROTOR, G.O" POP-UP. ADJUSTABLE AND FULL CIRCLE. WITH RECLAIMED WATER PURPLE ID, AND DRAIN CHECK VALVE.  HUNTER PGJ-06-R TURE ROTOR GOVERN ADJUSTABLE AND FILL CIRCLE.	50	2.30	25' 28'
3.0	TURF ROTOR, 6.0" POP-UP. ADJUSTABLE AND FULL CIRCLE. WITH RECLAIMED WATER PURPLE ID, AND DRAIN CHECK VALVE.  HUNTER PGJ-06-R TURF ROTOR, 6.0" POP-UP. ADJUSTABLE AND FULL CIRCLE. WITH	50	3.40	31'
4.0	RECLAIMED WATER PURPLE ID, AND DRAIN CHECK VALVE.  HUNTER PGJ-OG-R TURF ROTOR, G.O" POP-UP. ADJUSTABLE AND FULL CIRCLE. WITH RECLAIMED WATER PURPLE ID, AND DRAIN CHECK VALVE.	50	4.30	34'
5.0	HUNTER PGJ-06-R TURF ROTOR, 6.0" POP-UP. ADJUSTABLE AND FULL CIRCLE. WITH RECLAIMED WATER PURPLE ID, AND DRAIN CHECK VALVE.	50	5.30	37'

SYMBOL .	MANUFACTURER/MODEL/DESCRIPTION
•	DRIP VALVE ASSEMBLY HUNTER ICZ-101-25: DRIP CONTROL ZONE KIT. I" ICV GLOBE VALVE WITH I" HY100 FILTER SYSTEM. PRESSUR! REGULATION: 25PSI, FLOW RANGE: 2 GPM TO 20 GPM. I 50 MESH STAINLESS STEEL SCREEN.

AGRIFIM FLUSH CAP. 3/4" DRIPLINE COMPRESSION END CAP WITH SCREW ON END.

HUNTER ICV-G-FS-R: 1", I-1/2", 2", AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE COMMERCIAL/MUNICIPAL USE. WITH FILTER SENTRY FACTORY INSTALLED OPTION, AND RECLAIMED WATER ID,

QUICK COUPLER ASSEMBLY HUNTER HQ-5LRC-R: QUICK COUPLER VALVE, PURPLE LOCKING RUBBER COVER FOR RECLAIMED WATER USE RED BRASS AND STAINLESS STEEL, WITH I" NPT INLET,

ISOLATION GATE VALVE ASSEMBLY MATCO-NORCA 5 | 4TX: | 1/2"-4" BRASS GATE VALVE, FULL PORT, WITH SOLID WEDGE. IPS. CROSS HANDLE. SAME SIZE AS MAINLINE PIPE.

MASTER VALVE ASSEMBLY BUCKNER-SUPERIOR 3 I 00-RW, NORMALLY OPEN BRASS MASTER VALVE THAT PROVIDES DIRTY WATER PROTECTION. WITH PURPLE HANDLE TO DENOTE DIRTY

WATER. SIZE TO MATCH POC 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).

PEDESTAL MOUNT 2-WIRE CONTROLLER HUNTER A2C-225D-SS: 225-STATION DECODER CONTROLLER WITH ONE (2) A2C-D75 MODULE IN AN OUTDOOR STAINLESS STEEL WALL MOUNT ENCLOSURE INSTALL WITH CENTRALUS CELLULAR LINK AND WIRELESS

RAIN SENSOR

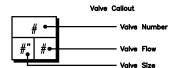
PEDESTAL MOUNT TRADITIONAL CONTROLLER HUNTER A2C-1800-SS: 18-STATION CONTROLLER WITH ONE (1) A2M-600 MODULE IN AN OUTDOOR STAINLESS STEEL WALL MOUNT ENCLOSURE.

CREATIVE SENSOR TECHNOLOGY FSI-T I" (POC #2) 2" (POC #1) PVC TEE TYPE FLOW SENSOR WSOCKET ENDS, CUSTOM MOUNTING TEE AND ULTRA-LIGHTWEIGHT IMPELLER ENHANCES LOW FLOW FLOW RANGE: .86-52. 2" SIZE FLOW RANGE 2.8-170 GPM. - IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21

PVC CLASS 200 IRRIGATION PIPE. ONLY LATERAL TRANSITION PIPE SIZES | 1/4" AND ABOVE ARE INDICATED ON THE PLAN, WITH ALL OTHERS BEING I" IN SIZE. TRIP 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. --- --- IRRIGATION MAINLINE: PVC CLASS 200 SDR 21 3-INCH UNLESS OTHERWISE NOTED. NOTE SOME MAINLINE PIPE SIZES MAY BE LARGER THAN STATED ABOVE.

PIPE SLEEVE: PVC SCHEDULE 40 INSTALL AS SHOWN ON DESIGN OR TWICE THE SIZE OF THE PIPE OR WIRE RUNNING THRU IT. NO TWO PIPES OR WIRE BUNDLES SHALL SHARE THE SAME SLEEVE. Valve Callout



#### INSTALLATION GENERAL NOTES

DESIGN ASSUMES A MINIMUM DYNAMIC PRESSURE FOR THE IRRIGATION SYSTEM (PER ENGINEER) OF 90 PSI. AT A MAXIMUM FLOW OF 100 GPM AT THE 4-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. I.I. NATIVE SEED IS IRRIGATED FOR ESTABLISHMENT ONLY AND SHALL NOT BE

2. ALL MAINLINES SHALL BE INSTALLED AT LEAST 5' FROM CENTER OF TREES, WHERE POSSIBLE. DESIGN IS SHOWN FOR CLARITY, THUS MAINLINE ROUTING IN FIELD MAY LOOK SLIGHTLY DIFFERENT THAN DEPICTED IN DRAWINGS.

. CONTRACTOR SHALL CREATE A LAMINATED CONTROLLER CHART ADHERED TO THE INSIDE OF THE CONTROLLER COVER OR A LAMINATED COLORED CONTROLLER MAP. 4. 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. 4. I. 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.

4.2. 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,

5. COORDINATE UTILITY LOCATES OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION ("811-CALL BEFORE YOU DIG") .

6. 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

7. ALL IRRIGATION COMPONENTS (MAINLINE, WIRES, LATERAL LINES, ETC.) SHALL BE INSTALLED IN LANDSCAPED AREAS WHENEVER POSSIBLE, EVEN THOUGH SAI IRRIGATION COMPONENTS MAY BE SHOWN OUTSIDE PLANTING AREAS FOR CLARITY.

8. 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. 8. I . WHERE POSSIBLE, MAINTAIN 3'-5' DISTANCE FROM CENTER OF TREE TO MAINLINE AND WIRES. VALVE BOXES SHALL BE AT LEAST 3' FROM TREE CENTER. MAINLINE ROUTING AND VALVE LOCATIONS ARE SHOWN FOR CLARITY AND MAY BE SHOWN

WITHIN THE 3'-5' RANGE NOTED ABOVE. 9. NON-POTABLE WATER IS BEING UTILIZED ON THIS SITE. INSTALL ALL MAINLINE PIPE WITH CHRISTY ID WARNING TAPE READING "NON-POTABLE WATER, DO NOT DRINK". INSTALL AT LEAST 6" ABOVE MAINLINE PIPE. 9.1.SCRUBBER VALVES SHALL BE INSTALLED PER DETAILS.

9.2. PURPLE HANDLES ON ALL VALVES SHALL BE INSTALLED PER DETAILS. 9.3.NON-POTABLE WARNING SIGNS SHALL BE POSTED ON SITE HEAR GATHERING PLACES, INSTALL PER COLORADO HEALTH CODES 9.4.BACKFLOW PREVENTOR IS NOT NECESSARY.

10. CROSS FITTINGS ARE NOT ALLOWED, ONLY STANDARD TEES AND ELBOWS. II. 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.

12. 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.

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

14. 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.

14.1. 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.

15. INSTALL THREE (3) #14 AWG CONTROL WIRES FROM CONTROLLER LOCATION TO EACH DEAD-END OF MAINLINE FOR USE AS SPARES INCASE OF CONTROL WIRE FAILURE. COIL 3 FEET OF WIRE IN VALVE BOX.

16. 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 17. TREES IN TURF ARE NOT IRRIGATED BY DRIP SYSTEM. DRIP LATERAL ROUTED NEAR

TREES IN TURF ARE NOT TO RECEIVE DRIP IRRIGATION. TREES IN NATIVE SEEDED AREAS ARE IRRIGATED ON DRIP SYSTEM. 18. VALVES FOR NATIVE SEEDED AREAS SHALL BE ON A SEPARATE PROGRAM.

19. NATIVE SEEDED AREAS ARE TO BE IRRIGATED WITH A BELOW GRADE SYSTEM BUT UTILIZED FOR ESTABLISHMENT OF SEED. SYSTEM SHALL NOT BE UTILIZED BEYOND

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

#### EMITTER SCHEDULE

PLANT TYPE	EMITTER TYPE	GPH/OUTLET	NO. OF EMITTERS	TOTAL FLOW
GROUNDCOVER	SINGLE OUTLET	I GPH	1	I GPH
PERENNIALS	SINGLE OUTLET	I GPH	1	I GPH
I GAL. SHRUB	SINGLE OUTLET	I GPH	1	I GPH
5 GAL. SHRUB	SINGLE OUTLET	I GPH	2	2 GPH
TREE IN SHRUB BED	SINGLE OUTLET	I GPH	4-8	4-8 GPH
TREE IN NATIVE SEED	INLINE DRIP*	O.6 GPH	N/A	N/A

I. MULTIPLE OUTLET EMITTERS CAN BE UTILIZED IN DENSLY PLANTED AREAS AND FOR TREES IN SHRUB 2. REFER TO LEGEND AND DETAILS FOR INLINE DRIP TOTALS.

#### IRRIGATION SLEEVING SCHEDULE

ALLOUT	SIZE	
ΑI	(1)8"\$(2)3"	
A2	(1)6"\$(2)3"	
A3	(2)3"	
A4	(1)3"	
A5	(1)4"	
A6	(1)6"	

#### REFERENCE NOTES SCHEDULE

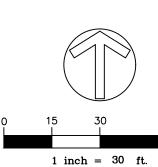
SYMBOL	DESCRIPTION
1	THE IRRIGATION SYS'DOWNSTREAM OF TH APPROXIMATE LOCAT EXACT LOCATION). I

THE DOMESTIC WATER TAP AND METER AT THE ATION SHOWN (REFER TO CIVIL PLANS FOR 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. CONTRACTOR TO INSTALL BACKFLOW PER NATIONAL PLUMBERS CODE AND PER LOCAL CODE. BACKFLOW SHALL BE TESTED UPON INSTALLATION AND ANNUALLY

THE IRRIGATION SYSTEM POINT-OF-CONNECTION (POC) SHALL BE DOWNSTREAM OF THE NON-POTABLE DISTRIBUTION LINE (REFER TO CIVIL DRAWINGS) AT THE APPROXIMATE LOCATION SHOWN. INSTALL ISOLATION GATE VALVE, 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). INSTALL MASTER VALVE RELAY TO OPERATE BETWEEN TWO CONTROLLERS. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

MAINLINE, SPRINKLER LATERAL, AND/OR DRIP LATERAL SHOWN SLEEVED TOGETHER IS FOR CLARITY ONLY. CONTRACTOR SHALL INSTALL MAINLINE, CONTROL WIRES, AND LATERAL LINES IN



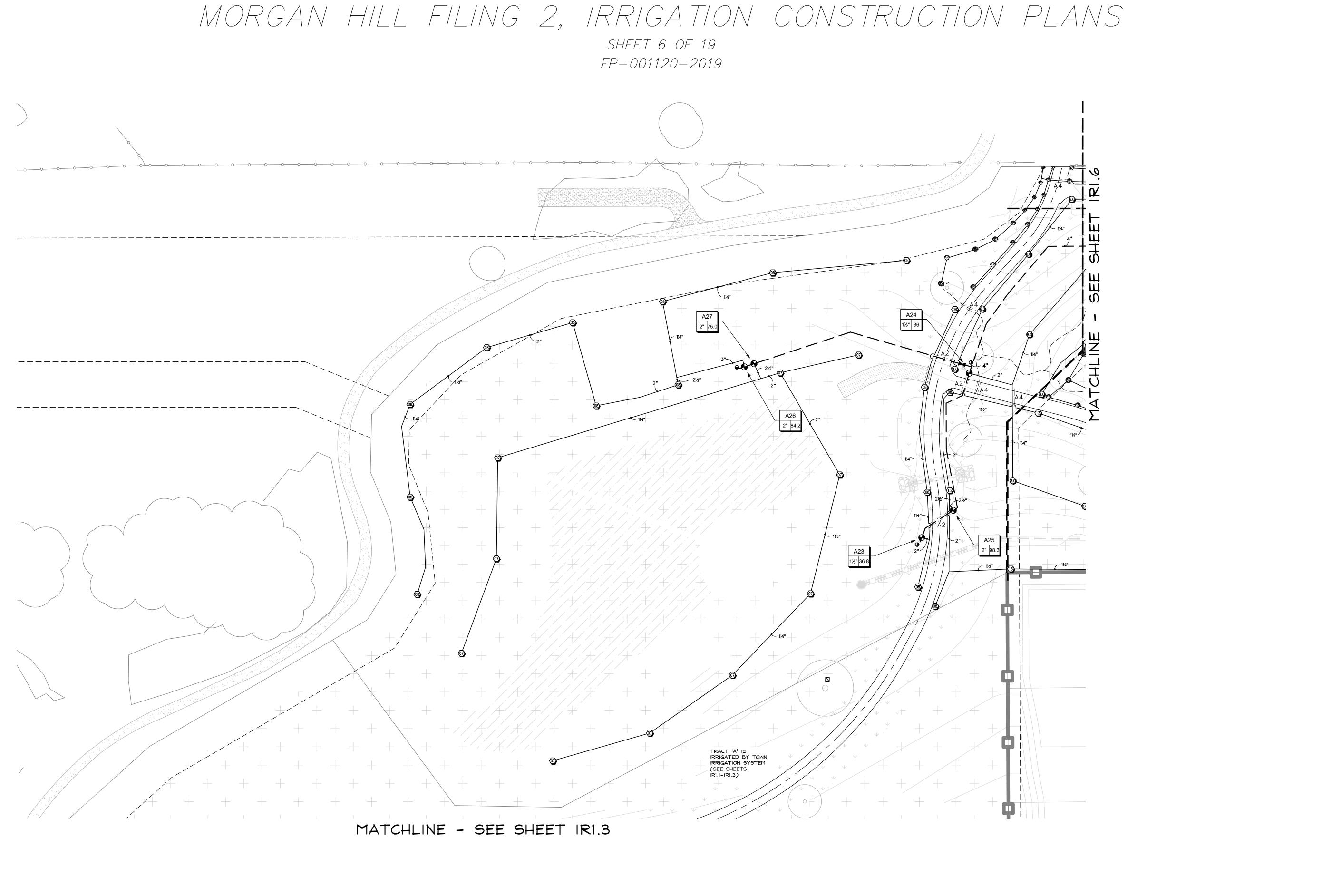
F NOT ONE INCH ON THIS SHEET ADJUST SCALES ACCORDINGLY XVN (.)

ON ORIGINAL DRAWING

JOB NUMBER:

03/23/2021

SHEET NO:



JOB NUMBER:

2020-46

DATE:

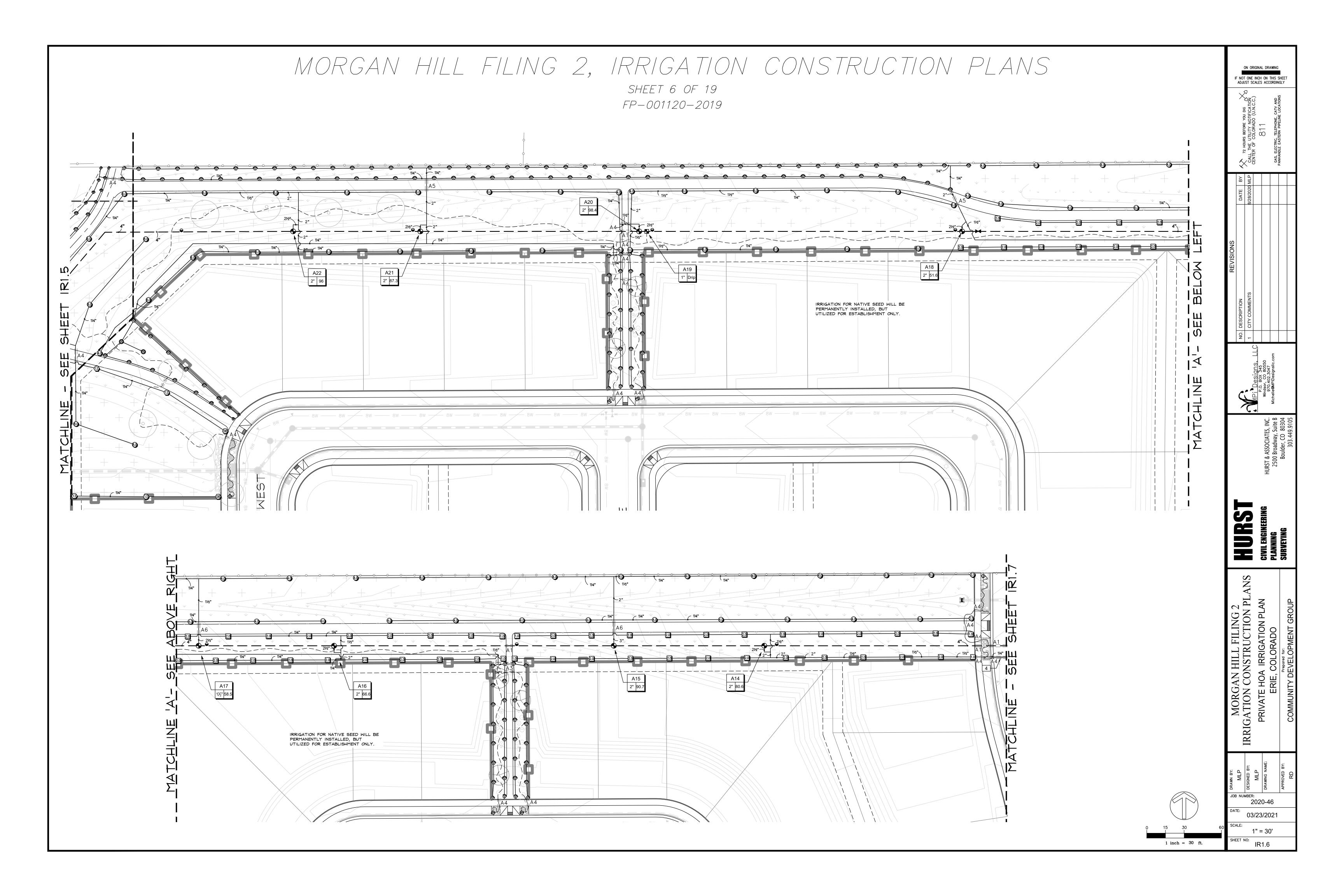
03/23/202

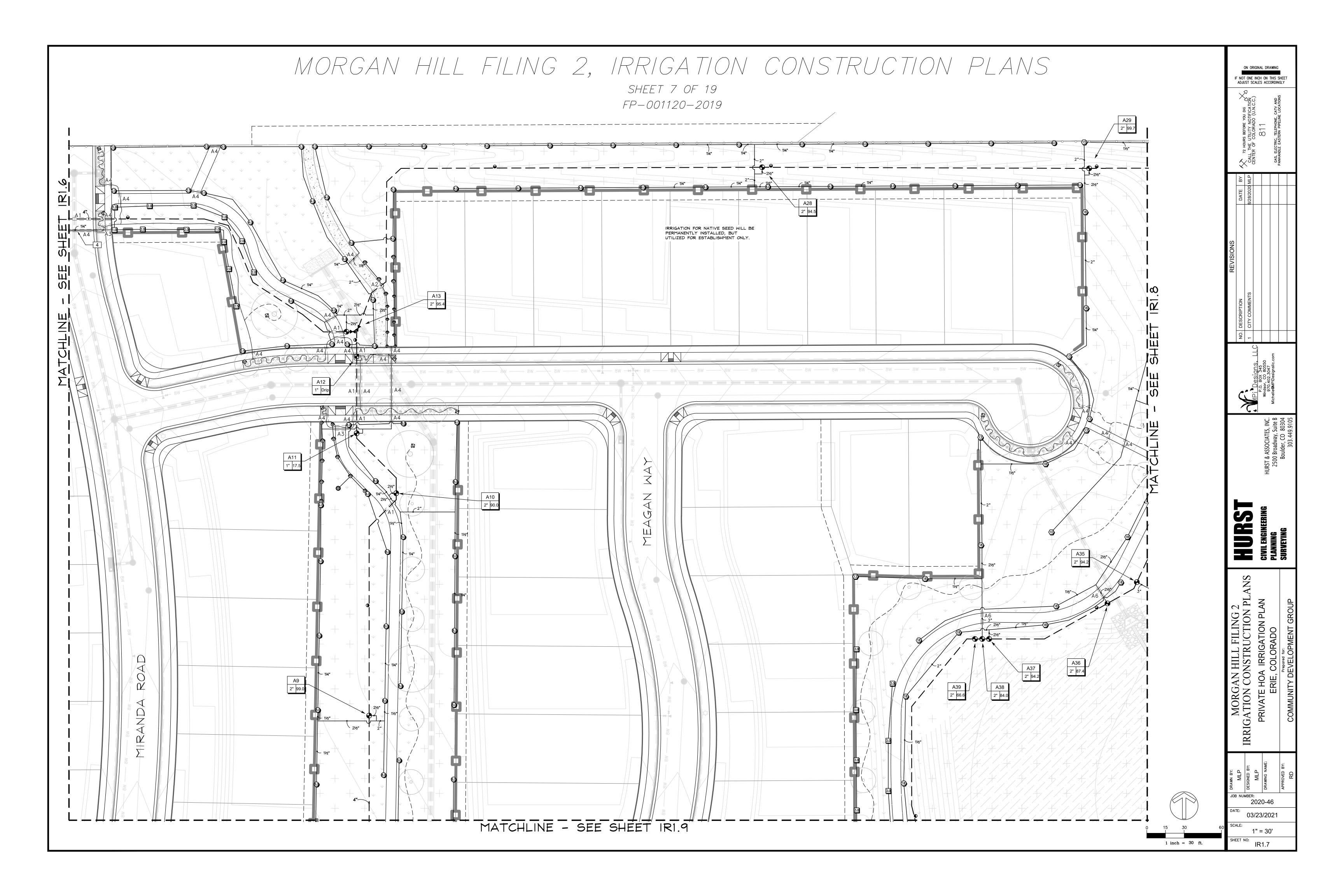
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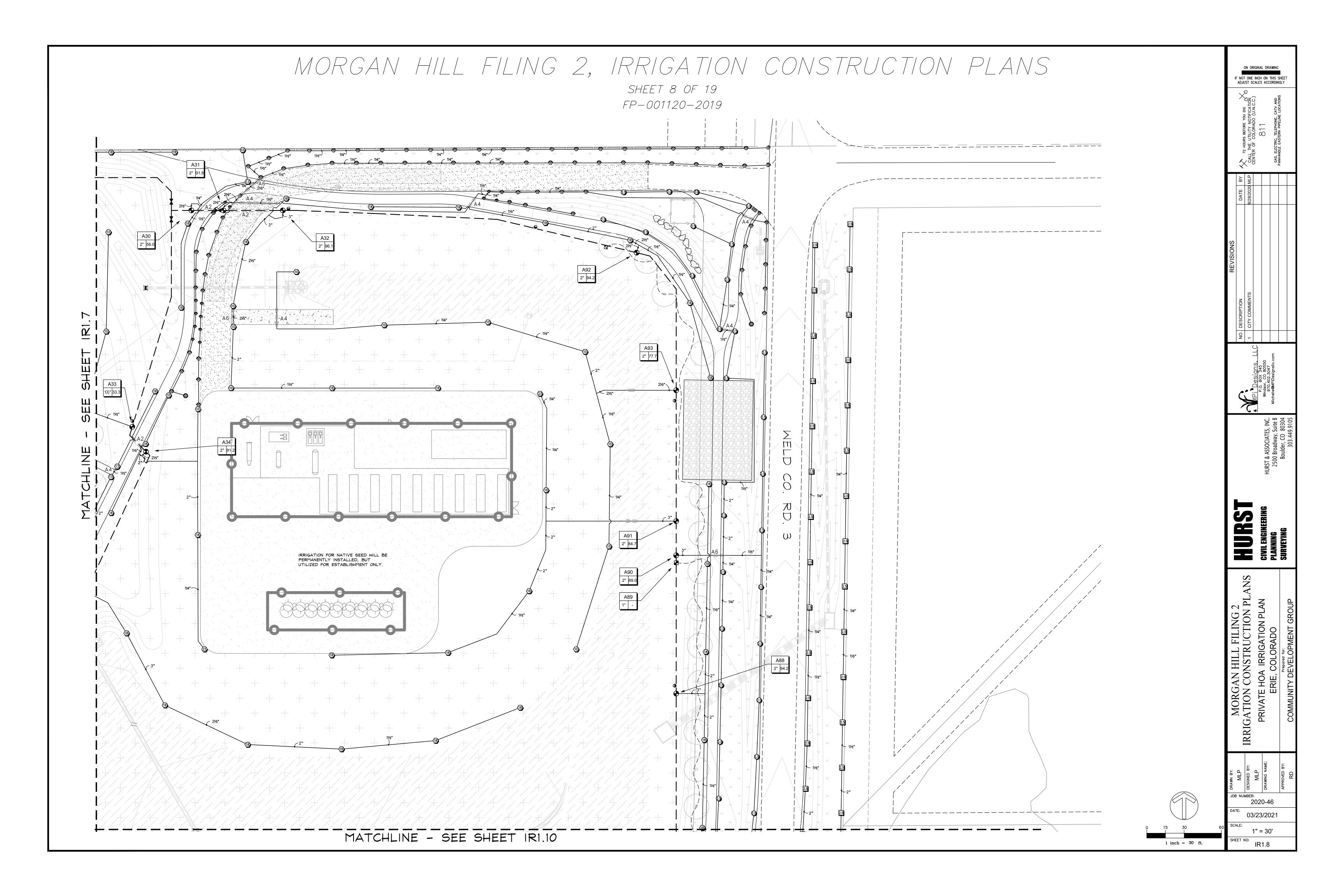
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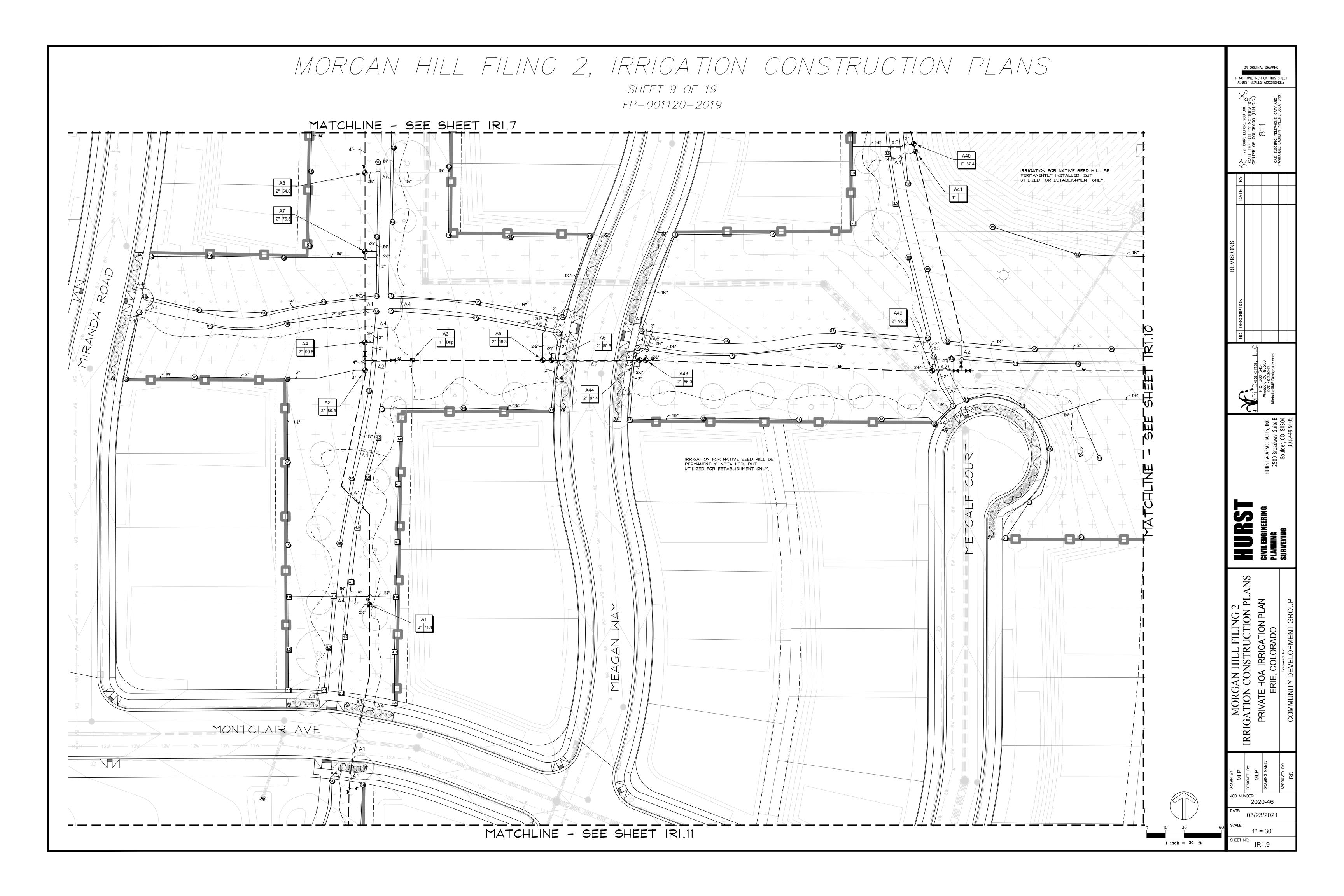
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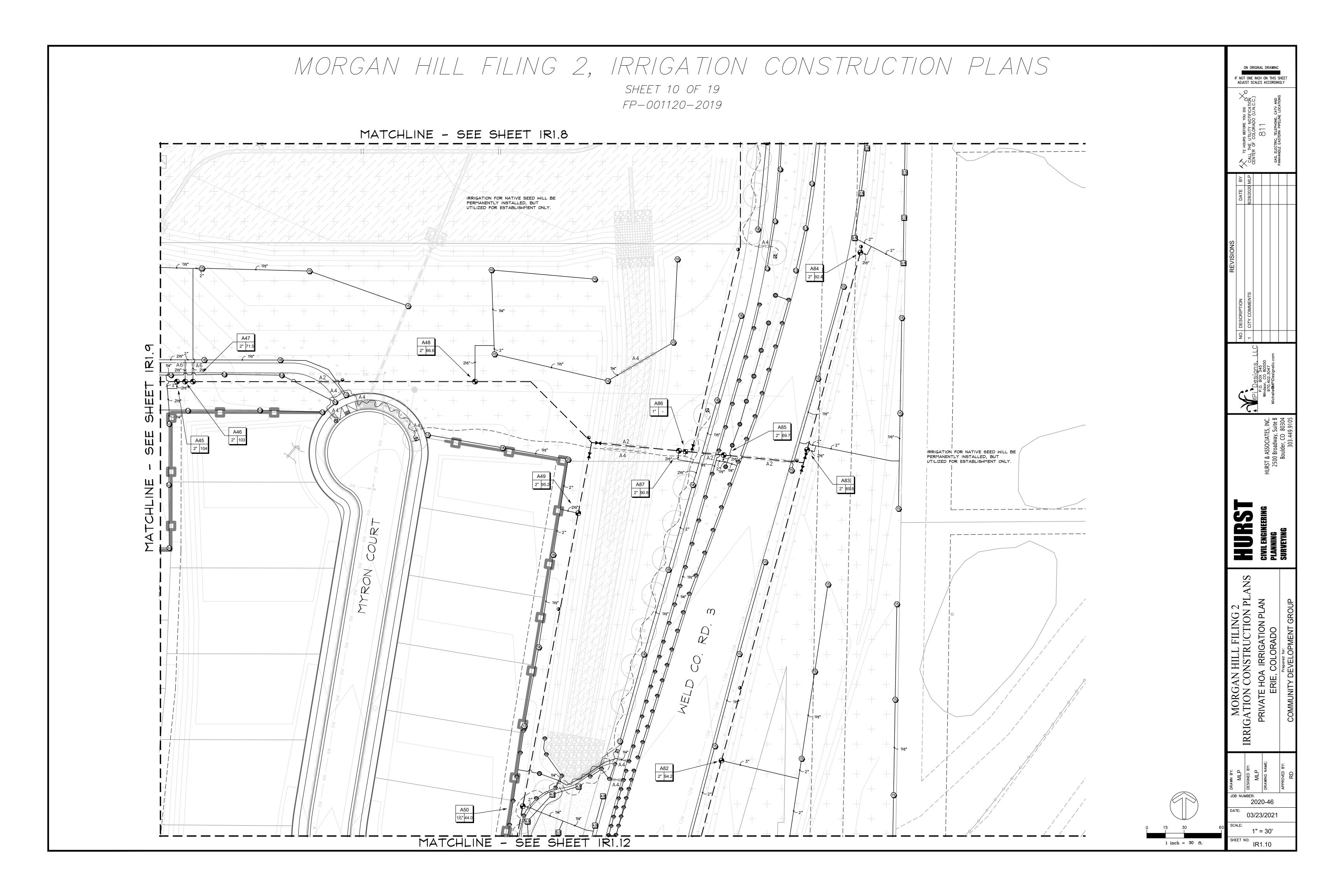
IR1.5

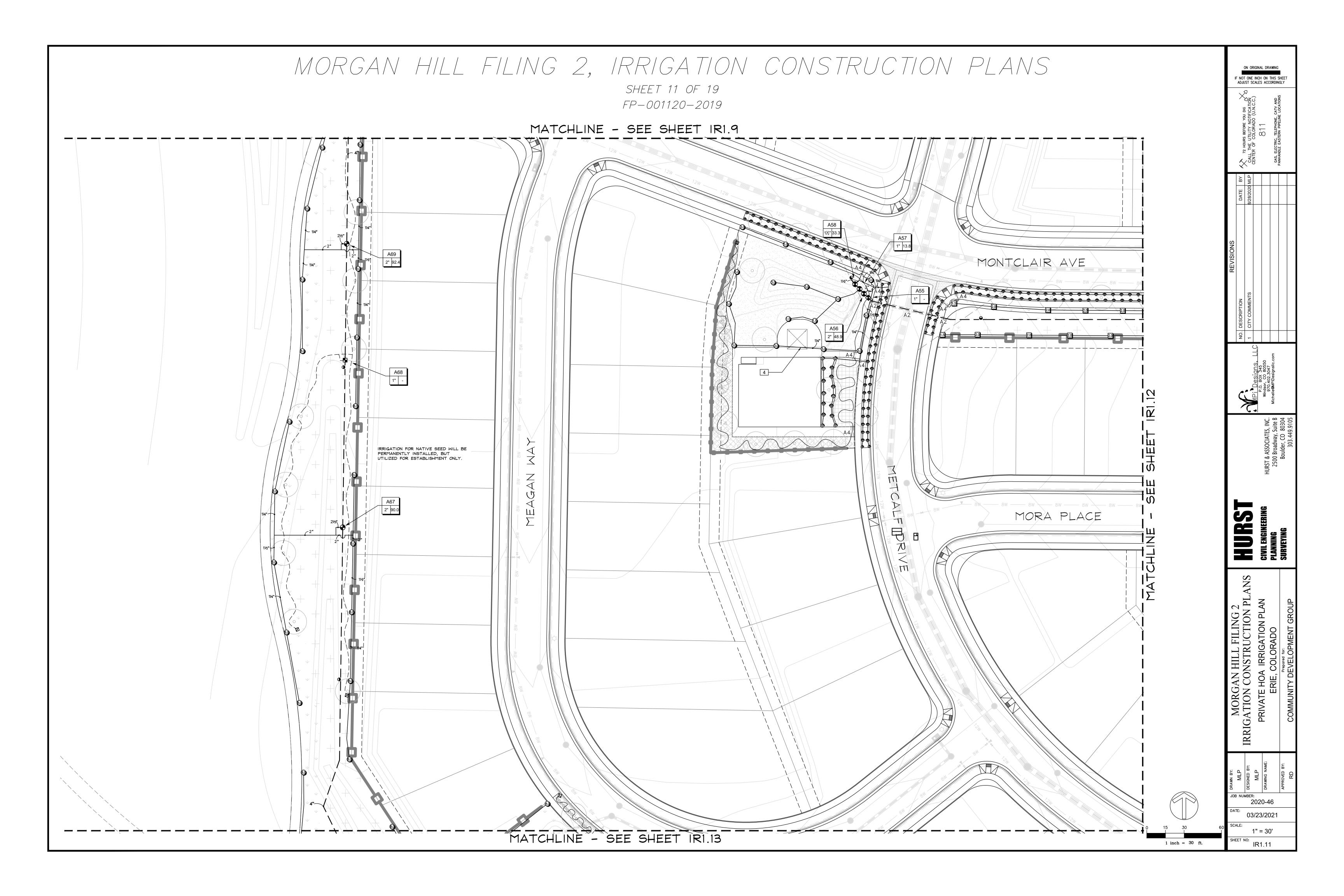


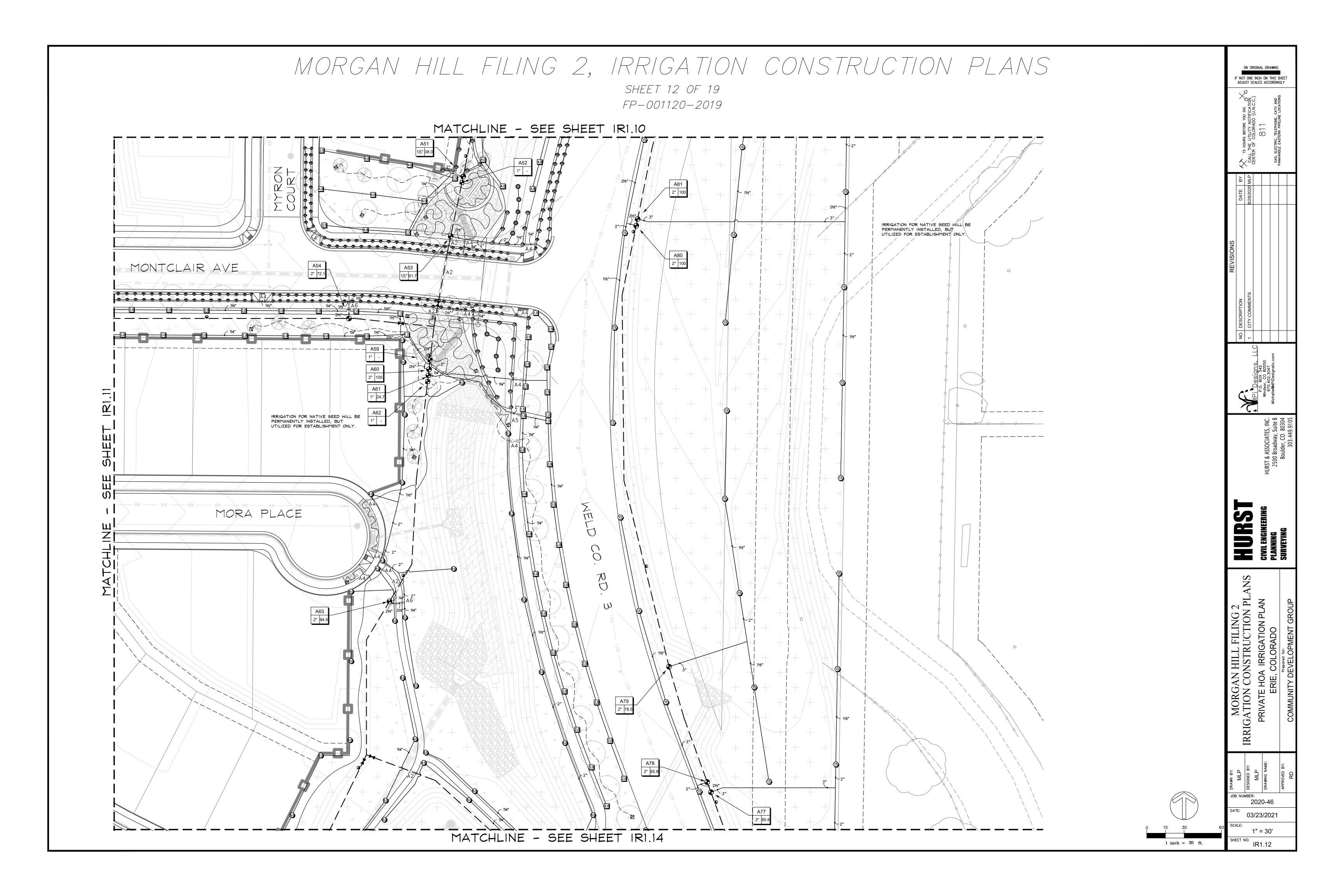












# MORGAN HILL FILING 2, IRRIGATION CONSTRUCTION PLANS ON ORIGINAL DRAWING SHEET 13 OF 19 FP-001120-2019 MATCHLINE - SEE SHEET IR1.11 EXISTING NON-POTABLE -WATER LINE TO REMAIN. SHOWN FOR REFERENCE MEAGAN WAY 2 CONTROLLER 20 vac power reguired IRRIGATION FOR NATIVE SEED WILL BE PERMANENTLY INSTALLED, BUT UTILIZED FOR ESTABLISHMENT ONLY. 1A POC 1 SIZE: 4-INCH FLOW: 100 GPM PRESSURE: 90 PSI EXISTING PHASE I IRRIGATION SHALL BE FIELD LOCATED AND PROTECTED IN PLACE. EXISTING PHASE I IRRIGATION SHALL BE FIELD LOCATED AND PROTECTED IN PLACE. — CONNECT NEW TREE DRIP IRRIGATION TO EXISTING FILING #1 TREE DRIP LATERAL. PHASE I FANDSCAPE WILL BE IRRIGATED BY CONNECT NEW TREE DRIP IRRIGATION TO EXISTING FILING #1 TREE DRIP LATERAL. MORGAN HILL FILING 2 IRRIGATION CONSTRUCTION PLA PRIVATE HOA IRRIGATION PLAN ERIE, COLORADO

JOB NUMBER:
2020-46

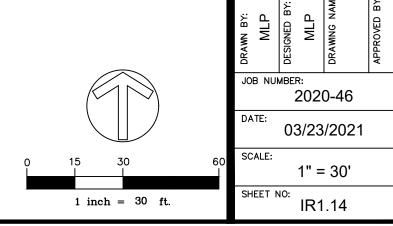
DATE:
03/23/2021

SCALE:
1" = 30'

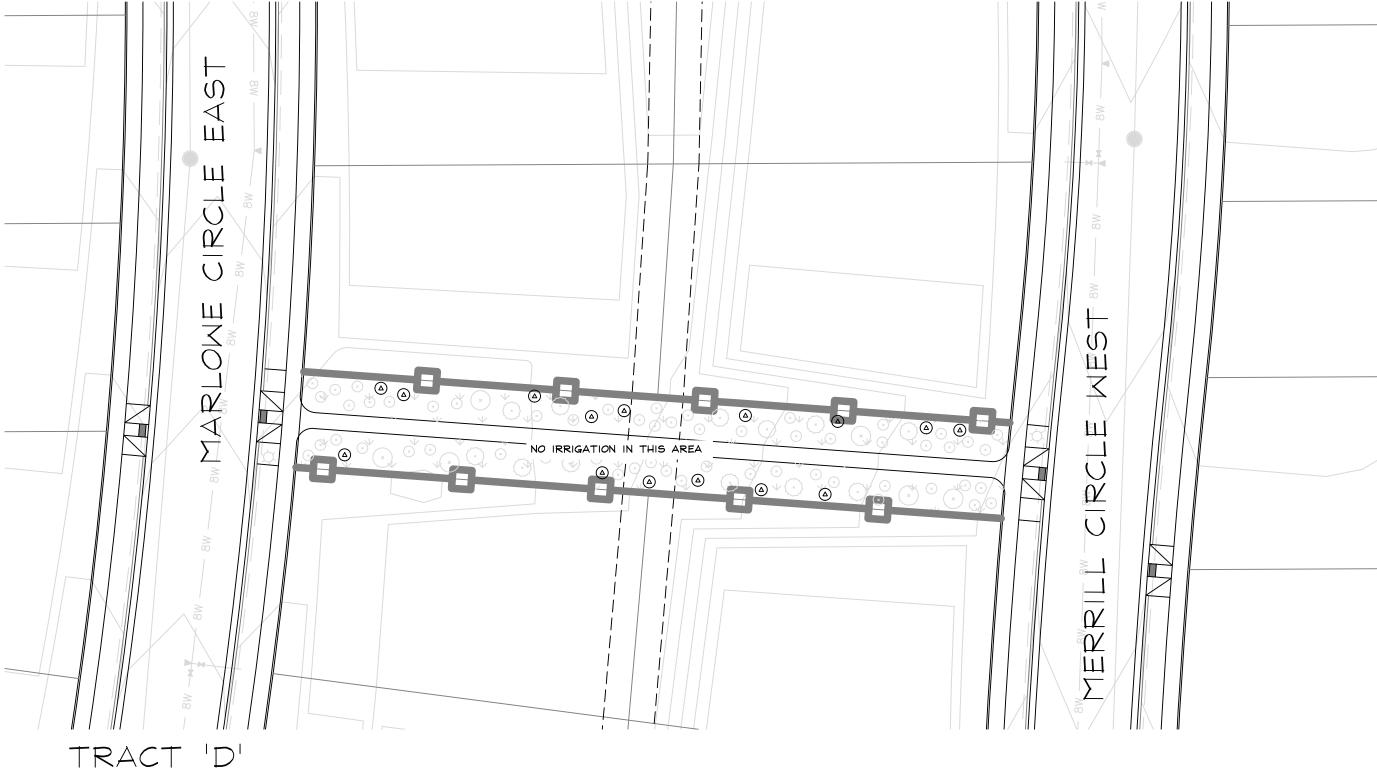
SHEET NO:
IR1.13

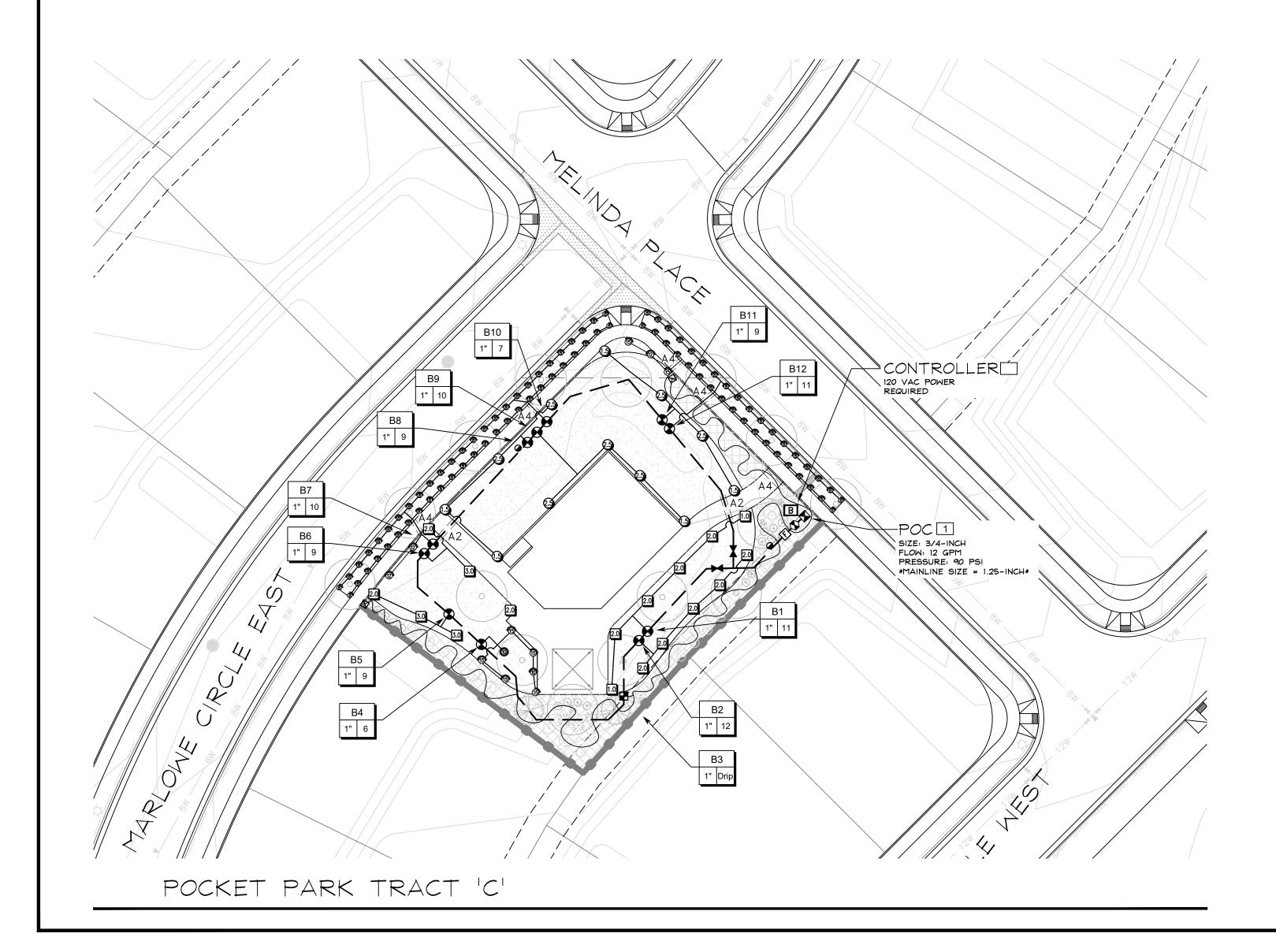
# MORGAN HILL FILING 2, IRRIGATION CONSTRUCTION PLANS SHEET 14 OF 19 FP-001120-2019 MATCHLINE - SEE SHEET IR1.12 A76 2" 72.0 7 A74 1" 13.1 EXISTING PHASE I IRRIGATION SHALL BE FIELD LOCATED AND IRRIGATION FOR NATIVE SEED WILL BE PERMANENTLY INSTALLED, BUT UTILIZED FOR ESTABLISHMENT ONLY. PROTECTED IN PLACE. MORGAN HILL FILING 2 IRRIGATION CONSTRUCTION PLA PRIVATE HOA IRRIGATION PLA ERIE, COLORADO CONNECT NEW TREE DRIP IRRIGATION TO EXISTING FILING #1 TREE DRIP LATERAL.

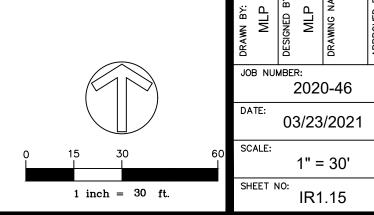
PHASE 1 LANDSCAPE WILL BE IRRIGATED BY ANOTHER POC



SHEET 15 OF 19 FP-001120-2019

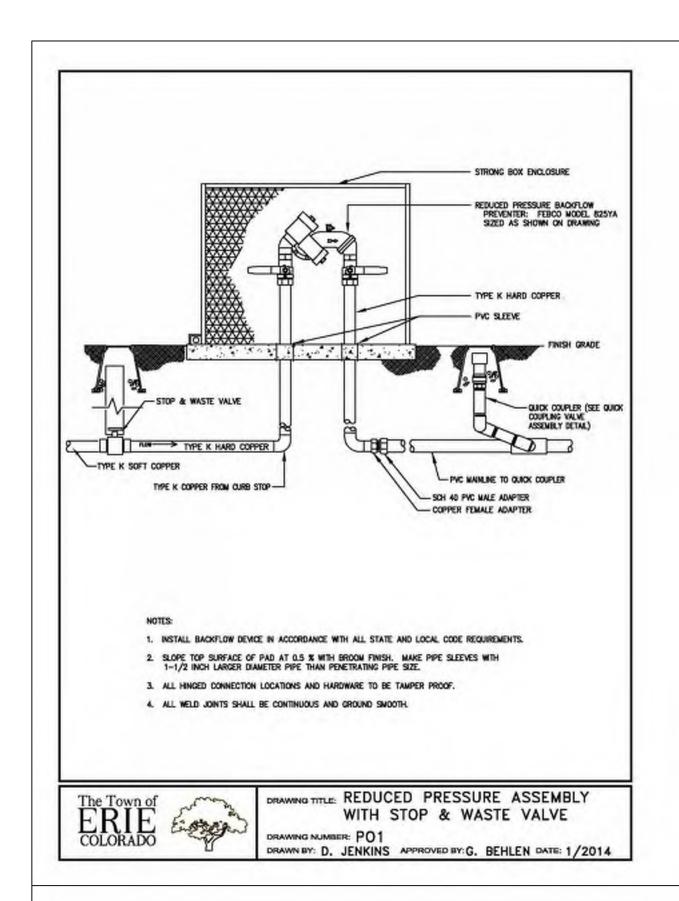


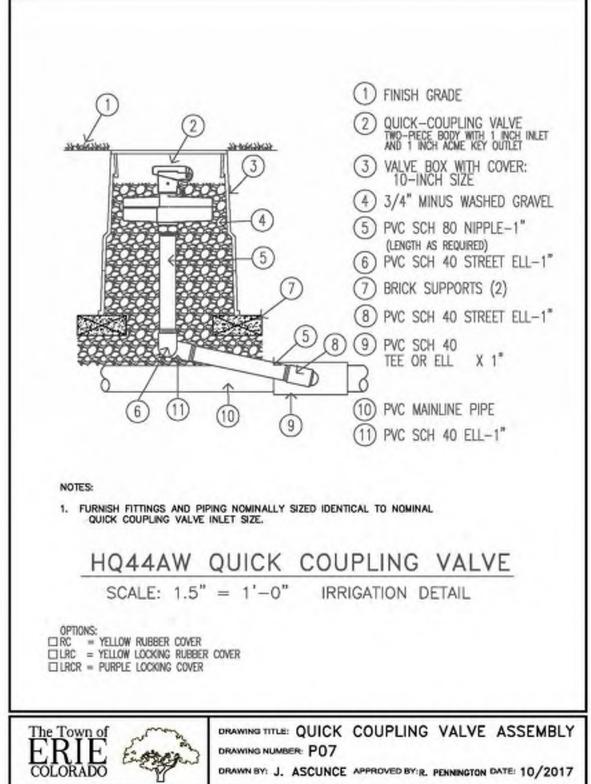


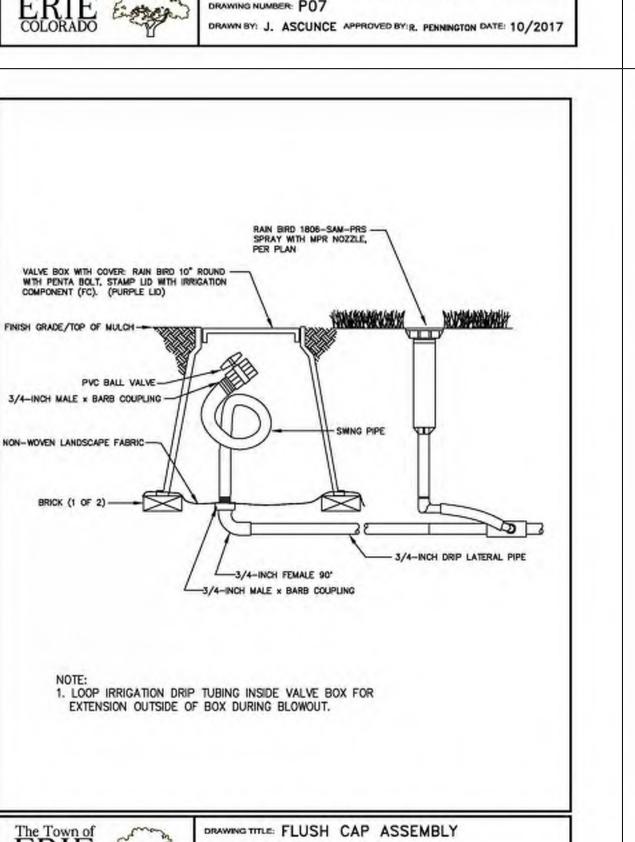


MORGAN HILL FILING 2
IRRIGATION CONSTRUCTION PLA
PRIVATE HOA IRRIGATION PLA
ERIE, COLORADO

SHEET 16 OF 19 FP-001120-2019

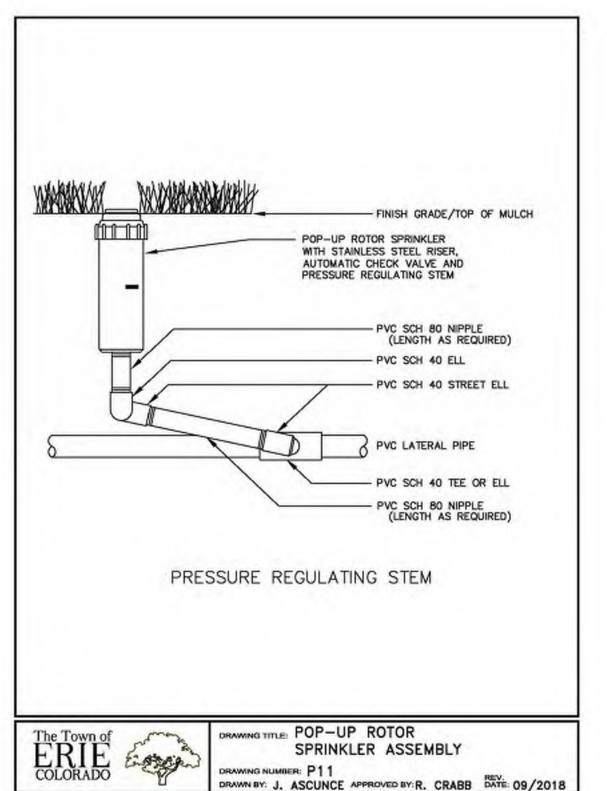


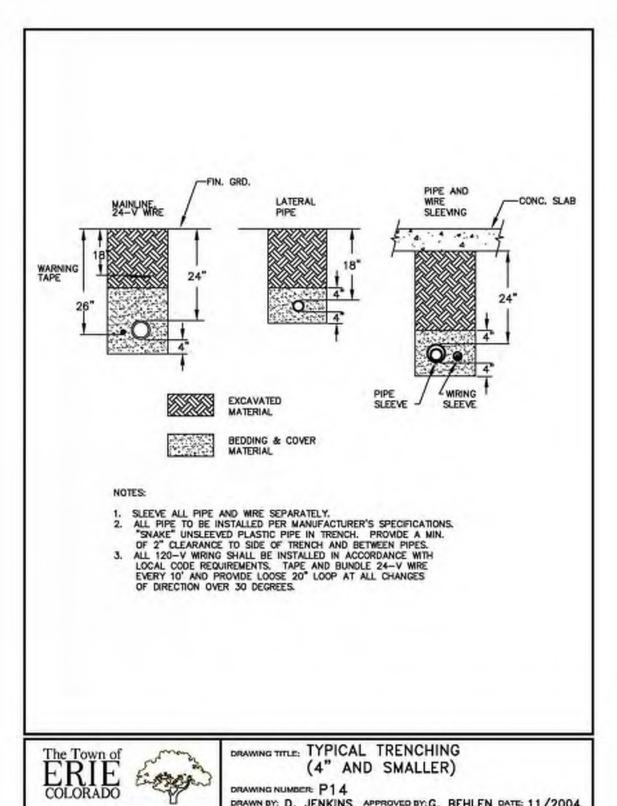


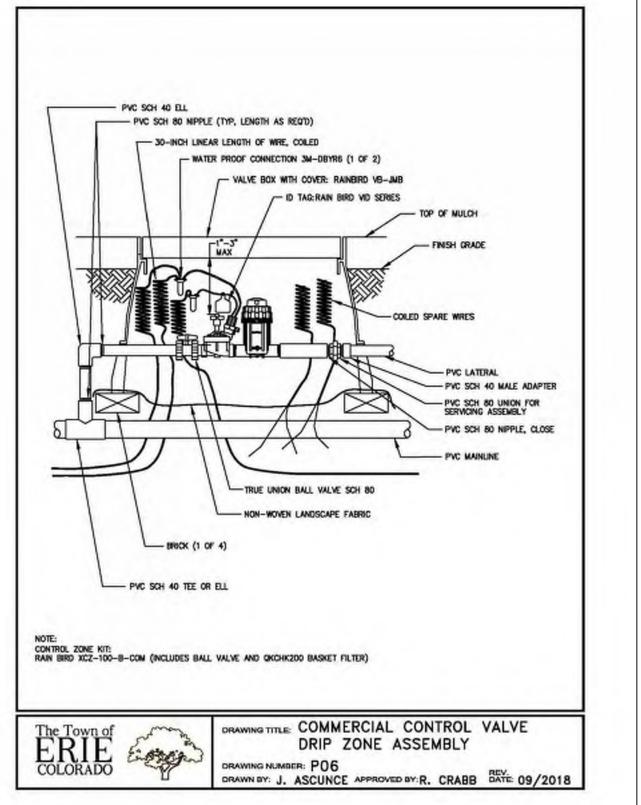


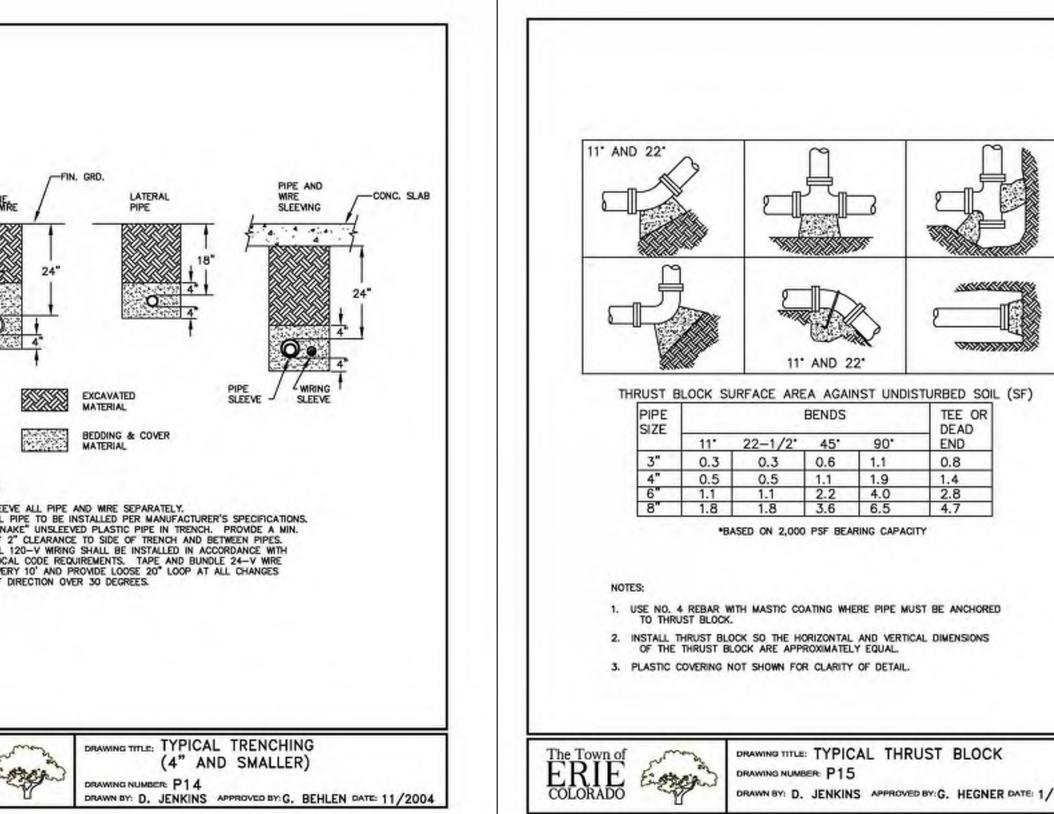
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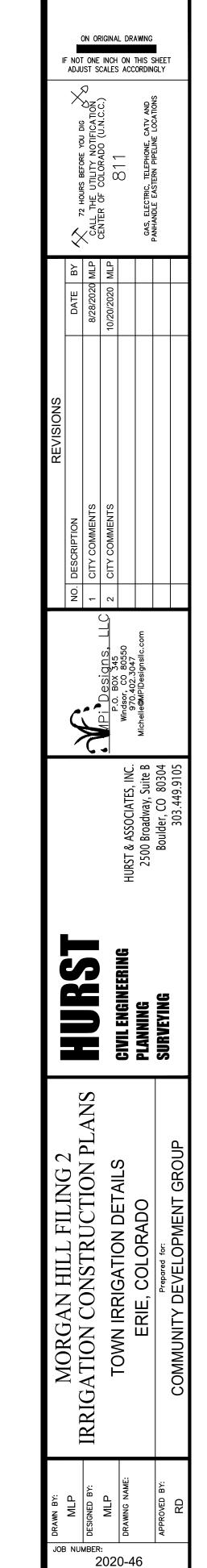
PRAWN BY: J. ASCUNCE APPROVED BY: R. CRABB DATE: 09/2018





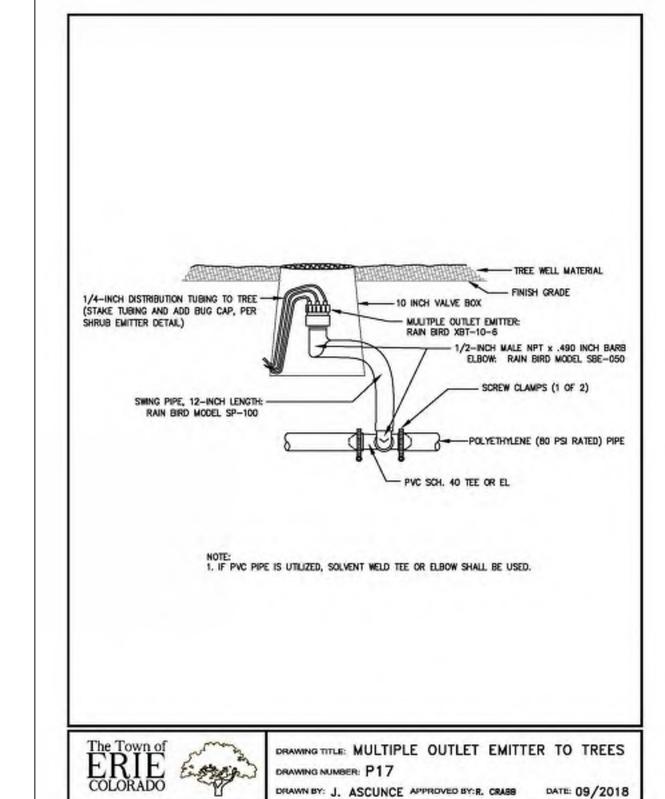


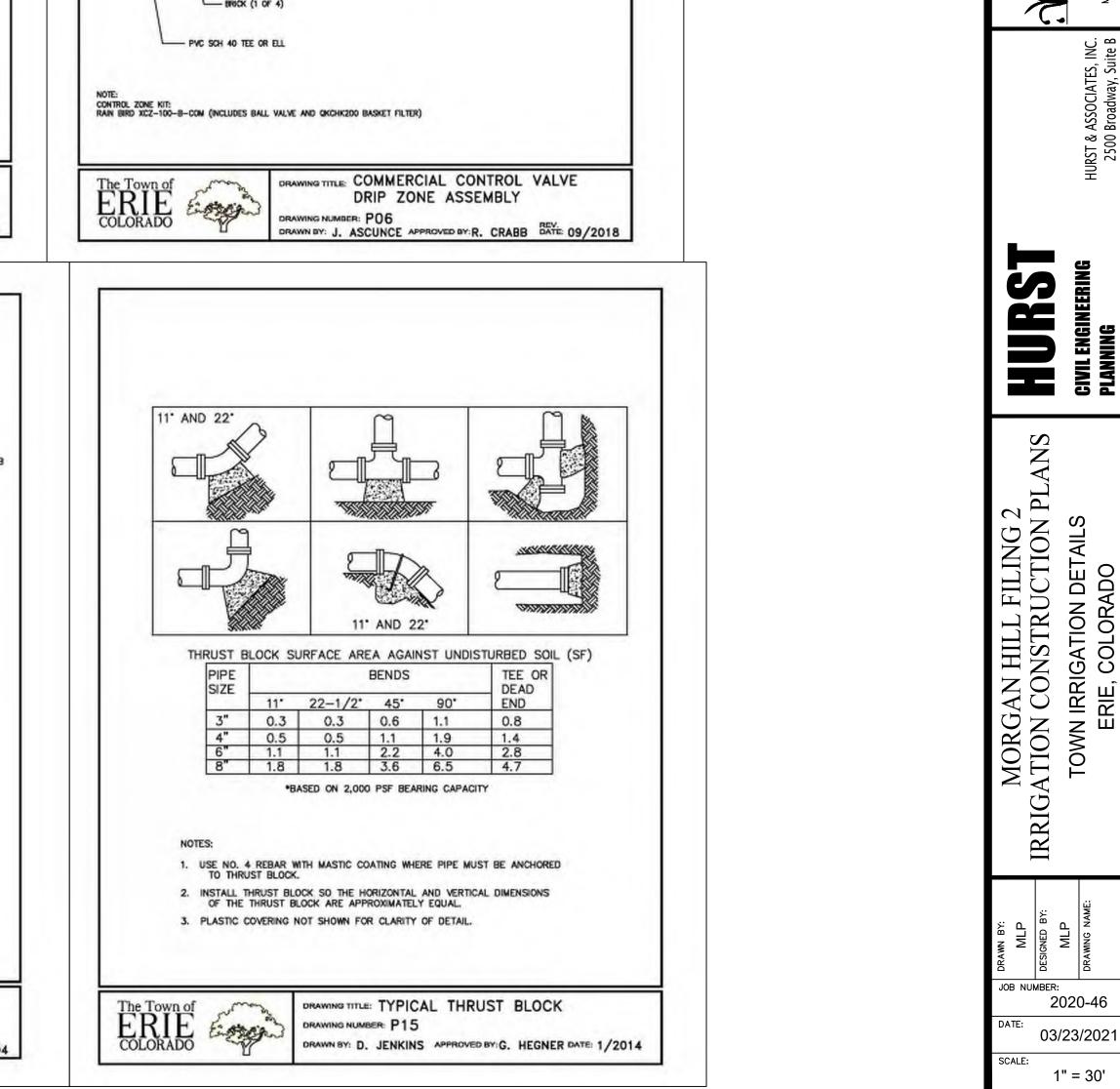


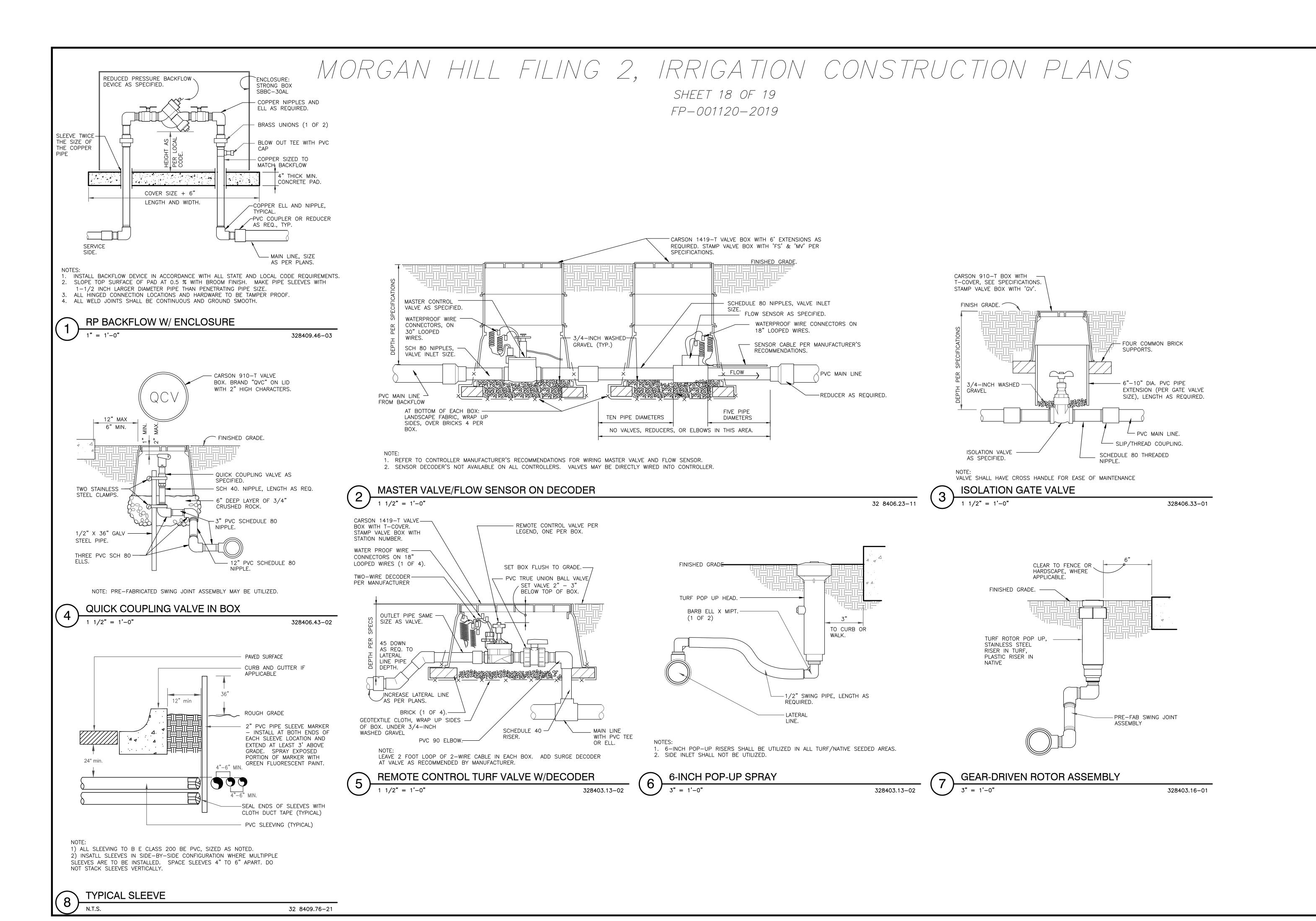


SHEET NO:

IR2.1







ON ORIGINAL DRAWING

IF NOT ONE INCH ON THIS SHEET

NURS BEFORE YOU DIG (X)
I UTILITY NOTIFICATION
F COLORADO (U.N.C.C.)
S11

JOB NUMBER:

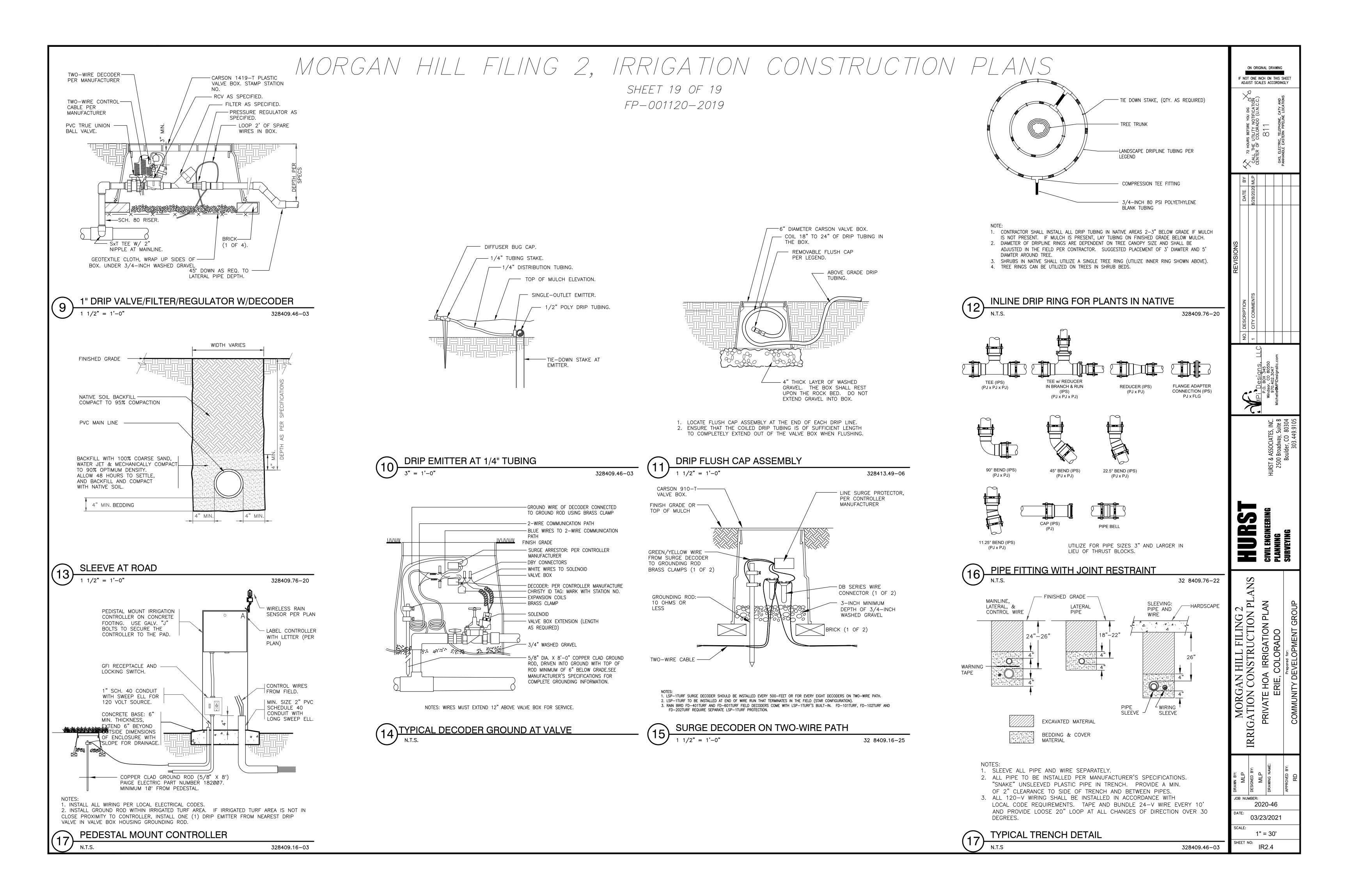
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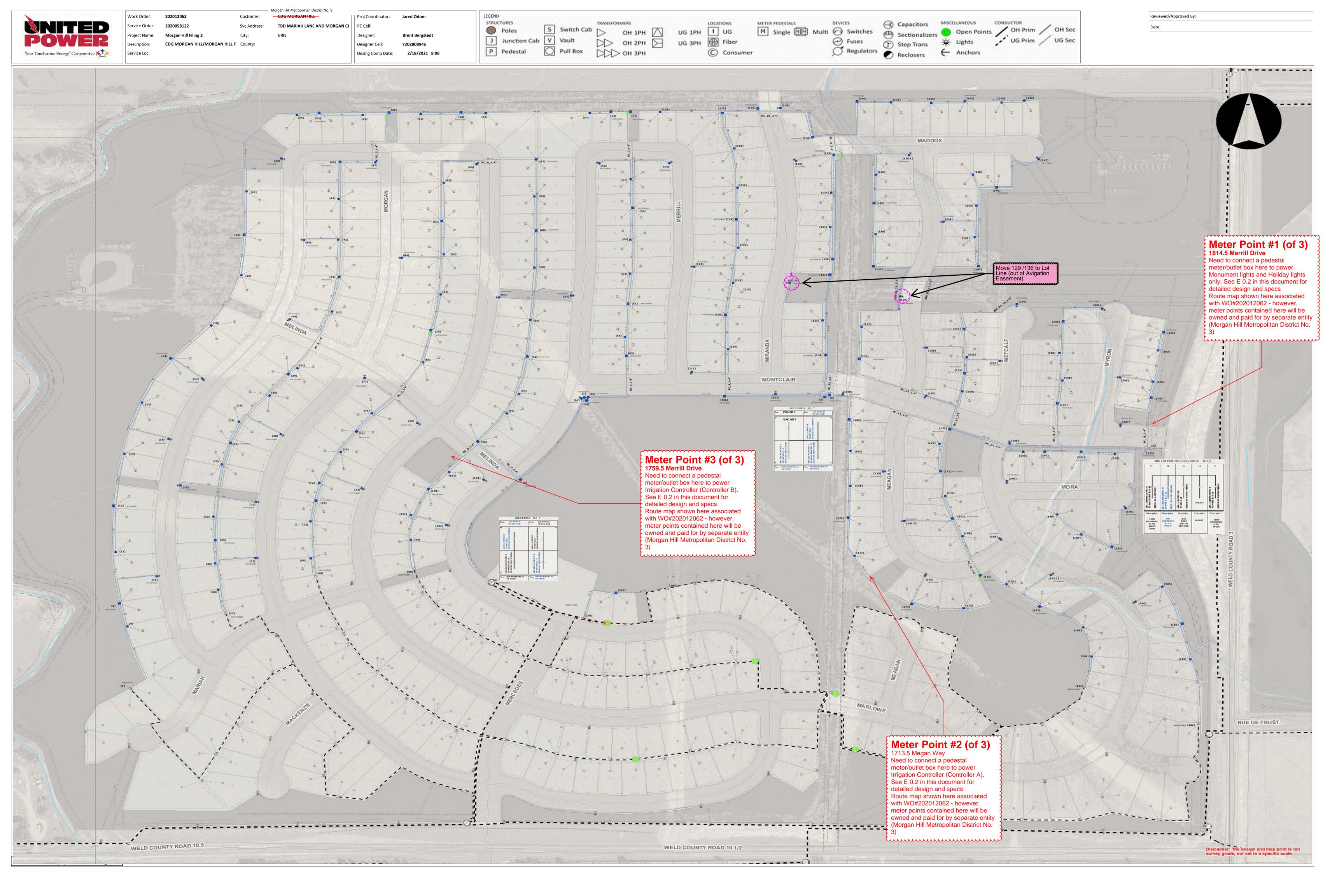
2020-46

03/23/2021

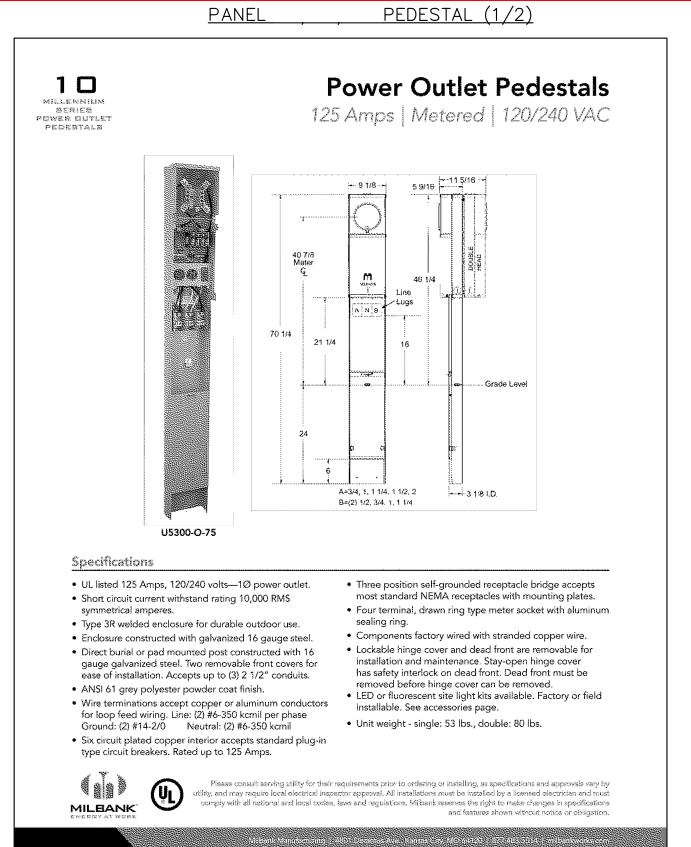
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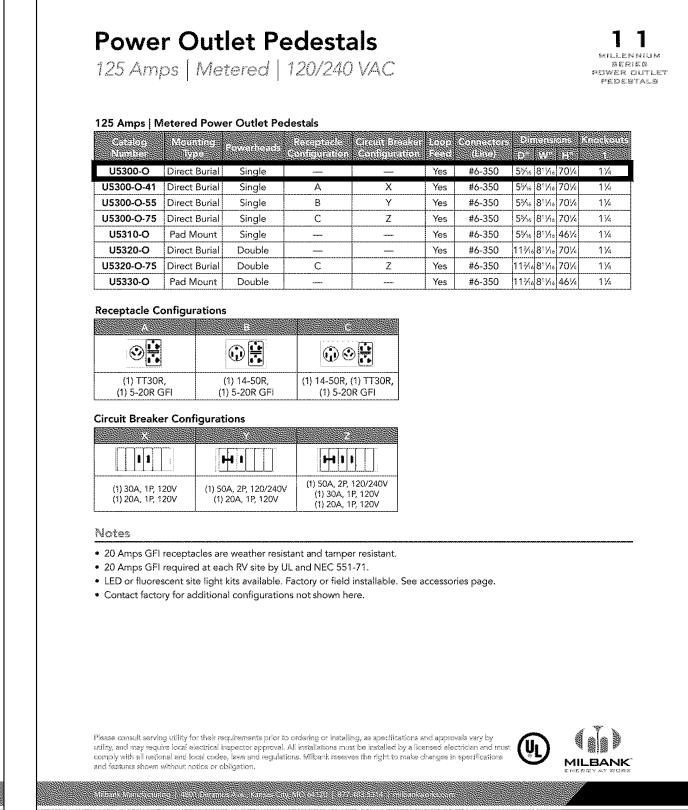
IR2.3





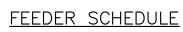
#### Electrical Design for all (3) Meter points within Morgan Hill Filing 2 (Landscaping Irrigation Controllers and Monument Lighting)





<u>PANEL</u>

PEDESTAL (2/2)

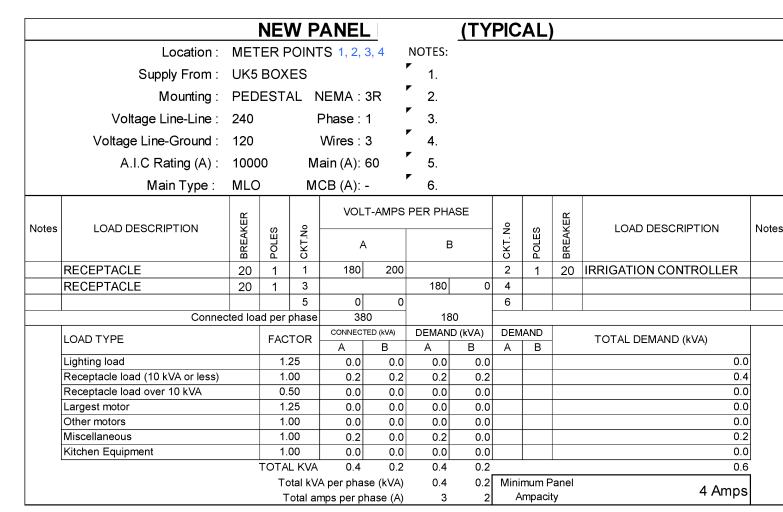


- 1 3-#3 THWN CU, 1-1/4" PVC
- GROUNDS:
  (1) #8 CU GROUND WATER PIPE, IF
  AVAILABLE.
  (2) #6 CU GROUNDING ROD, EACH A
  MINIMUM OF 6' DISTANCE APART.
- 3 3-#3 THWN CU, 1-#8 CU GND, 1-1/4" C.
- (4) 3-#6 THWN CU, 3/4" PVC.

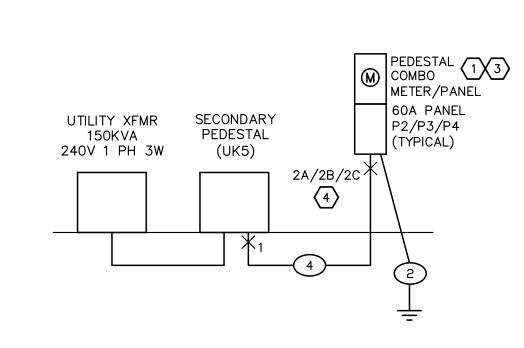
#### WORK NOTES:

1. E.C. SHALL COMPLY WITH UNITED POWER'S "THE STANDARD FOR ELECTRIC INSTALLATION AND USE" PAGE 35 SECTION "METER SOCKETS" FOR METER HOUSING REQUIREMENTS.

- 2. E.C. TO PROVIDE A SINGLE DEVICE PEDESTAL BY MILBANK MODEL# CP3B51115A22 OR EQUIVALENT.
- 3. E.C. TO PROVIDE A SINGLE DEVICE PEDESTAL BY MILBANK MODEL# U5300-0 OR EQUIVALENT. THERE ARE ACCESSORIES TO CONFIGURE PEDESTAL TO HAVE MORE THAN (1) 120V
- 4. REFER TO SITE LAYOUT PLAN FOR PEDESTAL'S APPROXIMATE



	E	AULT CURRENT CALCU	Maximum Available Fault Current (laic) ; lsc = (laic x M) ; M = 1 / (1 + f)												
	FAULT POINT	FAULT LOCATION	DISTANCE IN FEET (L)	PHASE	AL/CU	SIZE	# OF RUNS (n)	CONDUIT; MAG=1 NON-MAG=2	PRIMARY VOLT. (Vp)	SECONDARY VOLT. (Vs)	Wire Factor (C)	XFMR SIZE (KVA)	XFMR IMPEDENCE (%Z)	Upstream Fault (laic)	Fault Value (Isc)
r	1	Utility Transformer 150 kVA					-				••••••				44400
	2A	COMBO PEDESTAL P2	600	1	ÇΨ	6	1	2	240		2430			44400	481
	2B	COMBO PEDESTAL P3	225	1	ÇU	6	1	2	240		2430			44400	1259
-	2C	COMBO PEDESTAL P4	215	1	CU	6	1	2	240		2430			44400	1316



ELEC. ONE-LINE DIAGRAM CONNECTION POINT
SCALE: NONE

DESIGN IN PROGRESS

NOT FOR CONSTRUCTION

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EL: (303) 678.1108 • FAX: (303) 678.1142 • PCDENGINEERING.COM

NOTICE: DUTY OF COOPERATION Release of these plans contemplates further coordination among the owner, his contractor(s), the architect and engineers. Design and construction are complex. Although the architect and his consultants have performed their services with due care and diligence, they cannot guarantee perfection. Communication is imperfect, and every contingency cannot be anticipated. Any ambiguity or discrepancy discovered by the use of these plans shall be reported immediately to the architect. Failure to notify the architect compounds misunderstanding and increases construction costs. A failure to cooperate by a notice to the architect shall relieve the architect/engineer from responsibility for all consequences. Changes made from the plans without consent of the architect are unauthorized, and shall relieve the architect/engineer of responsibility for all consequences caused by such changes.

REVISIONS

DATE DESCRIPTION NO.

O1.27.2020 UNITED POWER DWGS

ADDRESS:

ADDRESS:

ADDRESS:

ADDRESS:

ADDRESS:

ADDRESS:

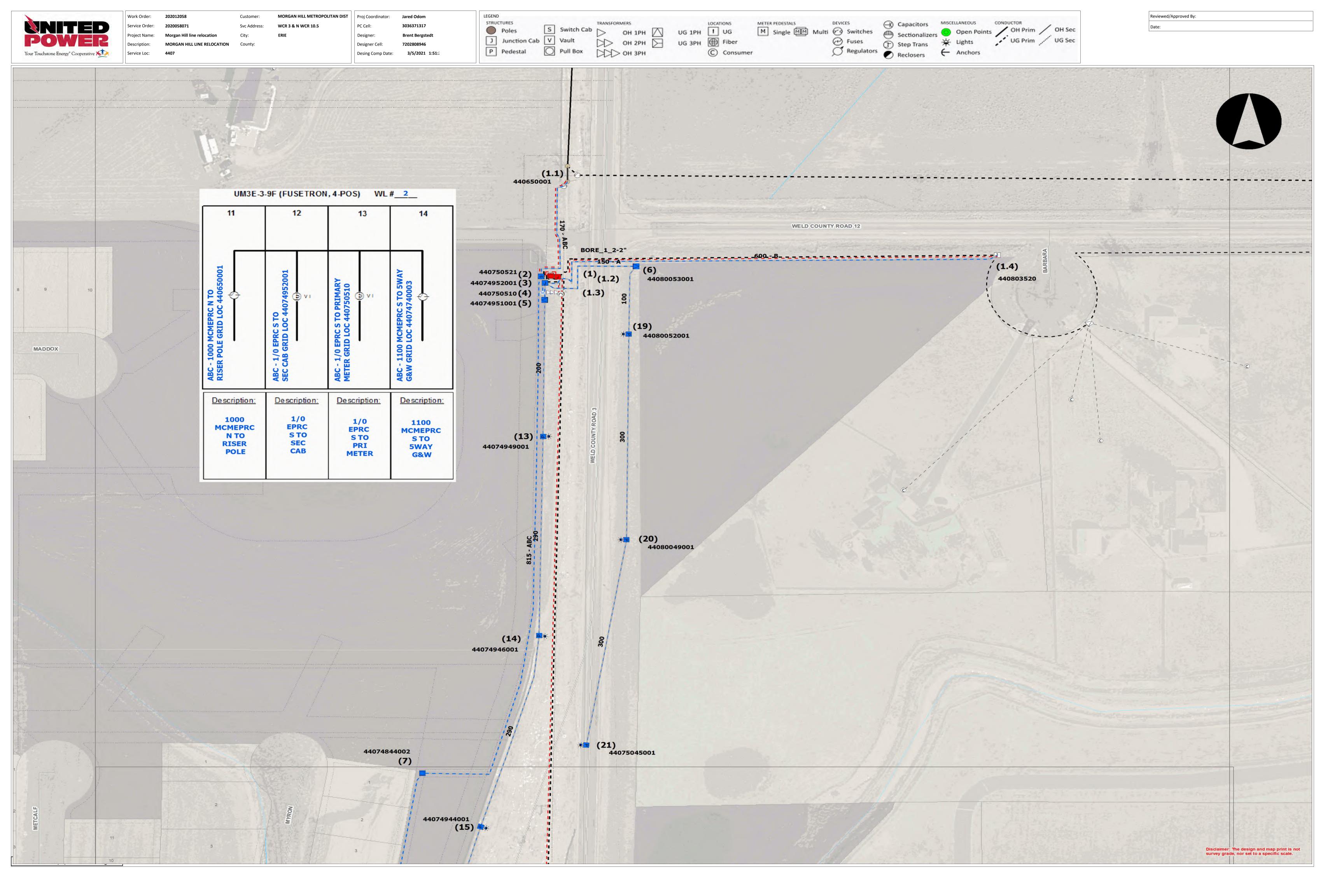
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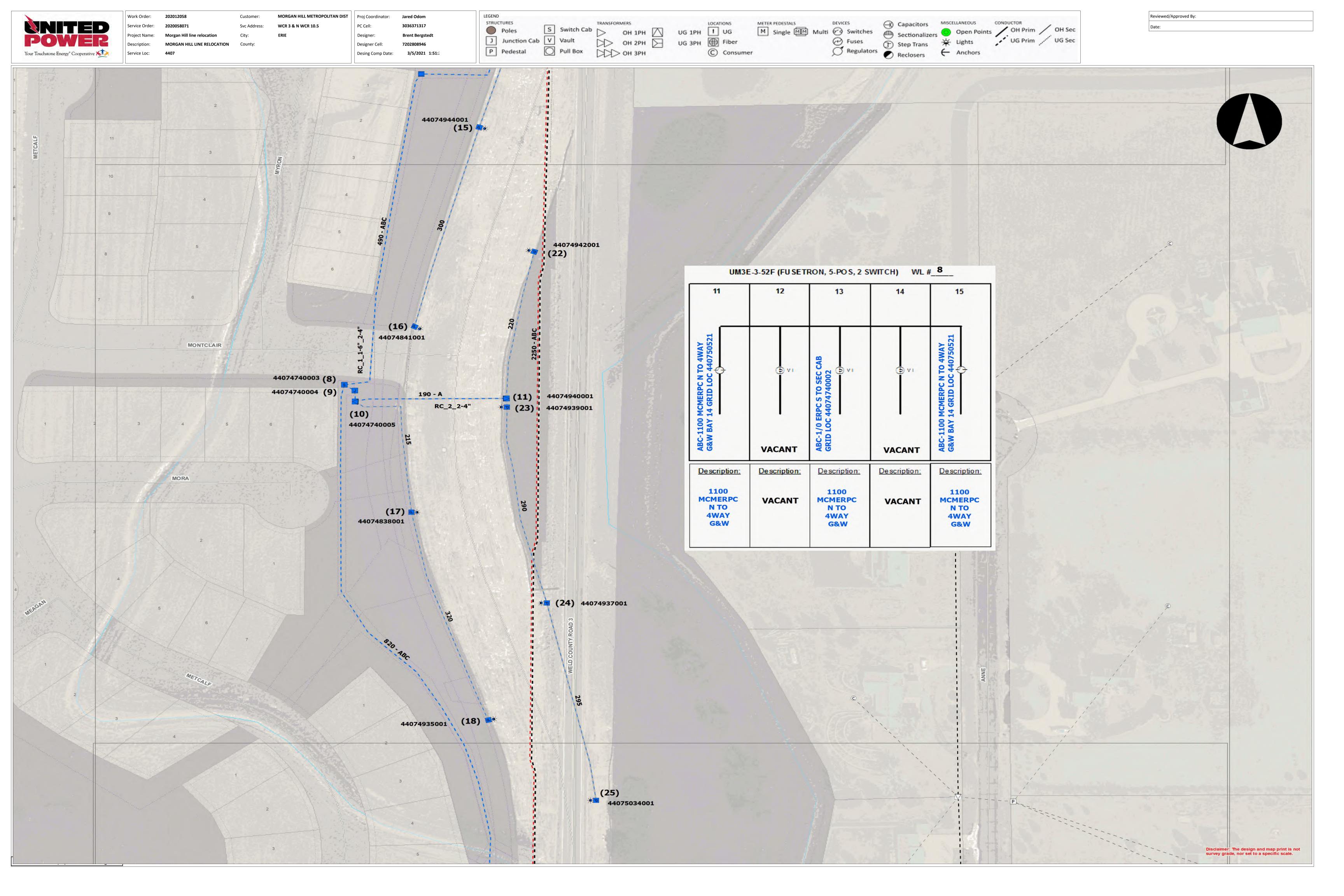
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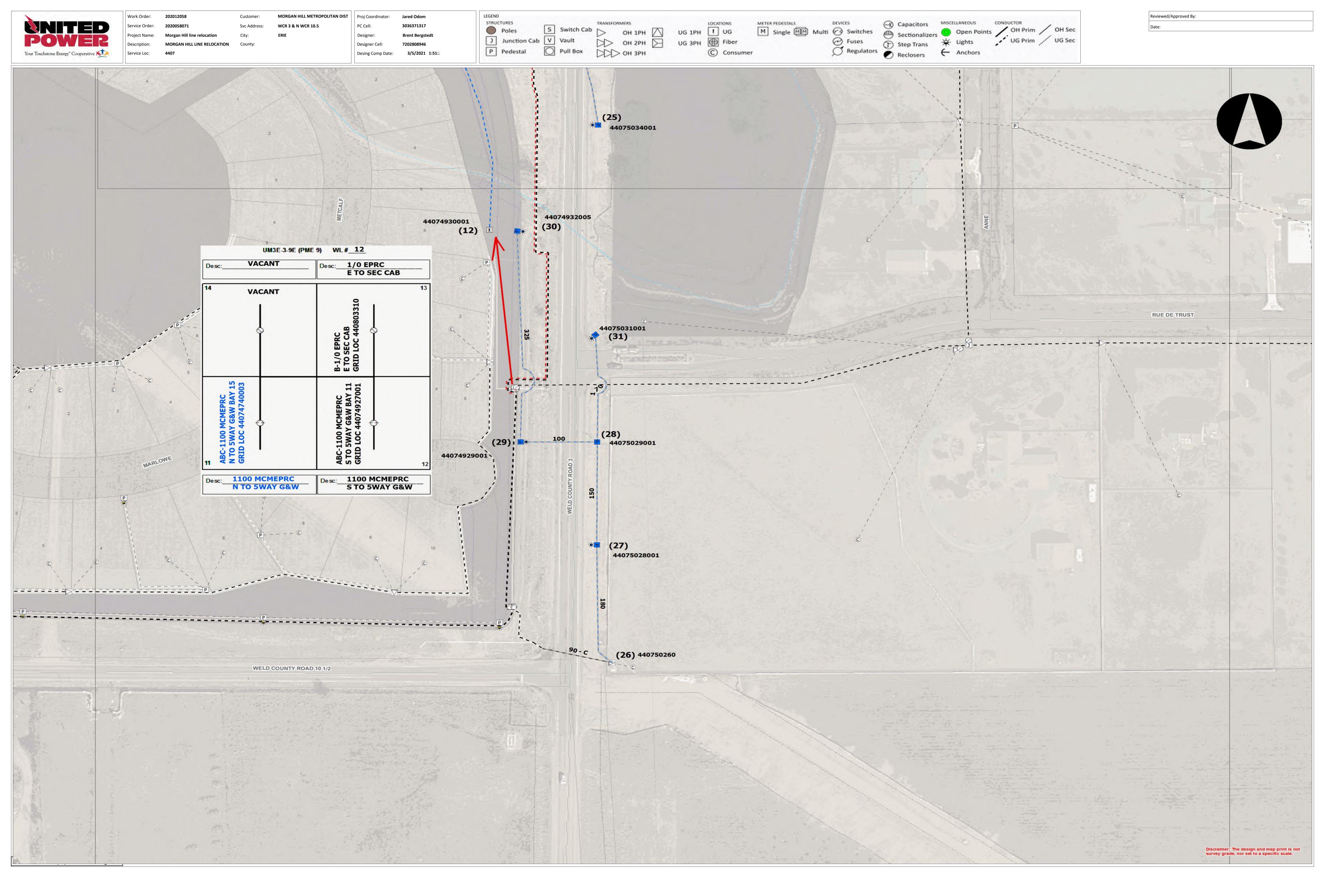
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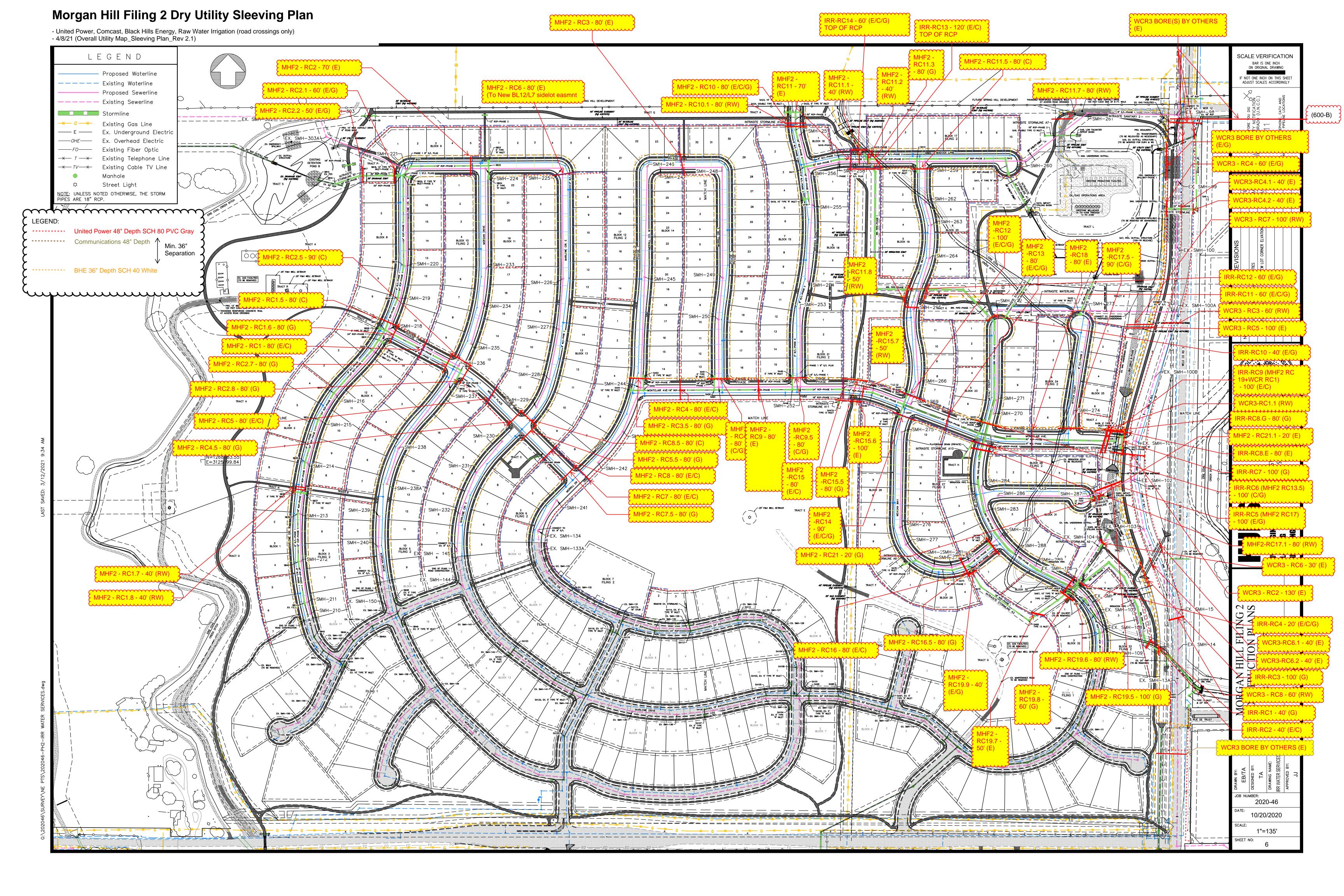
**PROJECT NO: 20009** 

DATE: 1/28/2020 2:26 AN









## Morgan Hill Filing 2 Dry Utility Sleeving Plan

<ul> <li>United Power, Comcast, Black Hills Energy, Raw Water Irrigation (roa</li> </ul>	d crossings on
- 4/8/21 (Overall Utility Map_Sleeving Plan Table_Rev 2.1)	

	RC		Count	Туре	Length (LF)	Utility	Notes/Comments	CDG	<u>U.P.</u>	Cmcst
MHF2	Sle		5							
ИНF2 -	RC	1	2	4" UL Gray 4" PVC White	80 80	Electrical Communications		mhf2lencen338	202012062	JB30216
ЛНF2 -	D.C.	4.5	2	4" PVC White	80					
			2		80	Communications				
MHF2 -	RC	1.6	1	4" SCH 40 PVC White	80	Gas				
ИНF2 -	_			4" Purple Irrigation PVC	40	Raw Water Irr.				
MHF2 -	RC	1.8	1	3" Purple Irrigation PVC	40	Raw Water Irr.				
MHF2 -	RC	2	1	4" UL Gray	70	Electrical				
MHF2 -	RC	2.1	1	4" UL Gray 4" SCH 40 PVC White	60 60	Electrical Gas				
MHF2 -	RC.	2.2	1	4" UL Gray	70	Electrical				
VIII 2		2.12		- Or Gray	,,,	Electrical				
MHF2 -	RC	2.5	2	4" PVC White	90	Communications				
MHF2 -	RC	2.7	1	4" SCH 40 PVC White	80	Gas				
MHF2 -	RC	2.8	1	4" SCH 40 PVC White	80	Gas				
MUES	D.C.	2	1	A" III Crov		Floatrical				
MHF2 -				4" UL Gray		Electrical				
MHF2 -	RC	3.5	1	6" SCH 40 PVC White	80	Gas				
MHF2 -	RC	4		4" UL Gray	80	Electrical				
ЛНF2 -	RC	4.5		4" PVC White 4" SCH 40 PVC White	80 80	Communications Gas				
ЛНF2 -	RC	4.6	2	4" PVC White	80	Communications				
## <b>&amp;</b> "				6" SCH 40 PVC White	80	Gas				
MHF2 -	RC	5		4" UL Gray 4" PVC White	80 80	Electrical Communications				
MHF2 -	RC	5.5		4" SCH 40 PVC White	80	Gas				
MHF2 -	RC	6	1	4" UL Gray		Electrical				<u> </u>
MHF2 -					80	Electrical				
			2	4" UL Gray 4" PVC White	80	Communications				
MHF2 -	RC	7.5	1	4" SCH 40 PVC White	80	Gas				
MHF2 -	RC	8		4" UL Gray	80	Electrical				
ЛНF2 -	RC	8.5		4" PVC White 4" PVC White	80 80	Communications Communications				
MHF2 -	RC	9	1	4" UL Gray	80	Electrical				
MHF2 -	RC	9.5	1	4" PVC White 6" SCH 40 PVC White	80 80	Communications Gas				
ИНF2 -	p.c	10		4" UL Gray		Electrical				
VINTZ -	NC.	10	2	4" PVC White	80	Communications				
			1	4" SCH 40 PVC White	80	Gas				
MHF2 -	RC	10.1		8" Purple Irrigation PVC	80	Raw Water Irr.				
			3	3" Purple Irrigation PVC	80	Raw Water Irr.				
MHF2 -	RC	11	1	4" UL Gray	70	Electrical				
MHF2 -	RC	11.1		8" Purple Irrigation PVC	40	Raw Water Irr.				
			3	3" Purple Irrigation PVC	40	Raw Water Irr.				
MHF2 -	RC	11.2	1	3" Purple Irrigation PVC	40	Raw Water Irr.				
MHF2 -	RC	11.3	1	4" SCH 40 PVC White	80	Gas				
MHF2 -	RC	11.5	1	4" PVC White	80	Communications				
MHF2 -	кC	11.7	3	6" Purple Irrigation PVC 3" Purple Irrigation PVC	80 80	Raw Water Irr. Raw Water Irr.				
MHF2 -	RC	11.8	1	6" Purple Irrigation PVC	50	Raw Water Irr.				
= "		5	2	3" Purple Irrigation PVC	50	Raw Water Irr.				
MHF2 -	RC	12	1	4" UL Gray	100	Electrical				
			2	4" PVC White 6" SCH 40 PVC White	100 100	Communications Gas				
	_									
MHF2 -	RC	13		4" UL Gray 4" PVC White	80 80	Electrical Communications				
							SEE IRR - RC6 (100') on Plan page. This is a duplicate and			
							quantity is 0 here to avoid duplicate installation. Gas Only			
							was Installed at time of Irrigation Ditch project. No comm sleeves have been installed to date. Likely requires a			
ЛНF2 -	RC	13.5	<u>1</u>	6" SCH 40 White 4" PVC White		Gas	bore.			
			2			Communications				
1HF2 -	RC	14	2	6" UL Gray 4" PVC White	90 90	Electrical Communications				
				4" SCH 40 PVC White	90	Gas				
ИНF2 -	RC	15	2	4" UL Gray	80	Electrical				
				4" PVC White	80	Communications				
ЛНF2 -	RC	15.5	1	6" SCH 40 PVC White	90	Gas				
ИНF2 -			1	6" UL Gray	100	Electrical				
4*				4" PVC White	100	Electrical				
MHF2 -	RC	15.7	1	8" Purple Irrigation PVC	50	Raw Water Irr.				
		_		3" Purple Irrigation PVC	50	Raw Water Irr.				
ЛНF2 -	RC	16	1	4" UL Gray		Electrical				
			2	4" PVC White		Communications				
MHF2 -	RC	16.5	1	4" SCH 40 PVC White	80	Gas				
	1								I	

RC		Count	Туре	Length (LF)	<u>Utility</u>	Notes/Comments	CDG	<u>U.P.</u>	Cmcst
MHF2 SI	leeve	s							
						SEE IRR - RC9 on Plan page and below on list. This is a duplicate and the quantity is 0 here to avoid duplicate			
MHF2 - RO	19	4	4" UL Gray		Electrical	installation.	mhf2lencen338	202012062	JB302:
		£	4" PVC White		Communications				
ИНF2 - RC	C 19.5	1	4" SCH 40 PVC White	100	Gas				
/IHFZ - KC	19.5	1	4 SCH 40 PVC WIIILE	100	Gas				
/IHF2 - RC	19.6	1	6" Purple Irrigation PVC	80	Raw Water Irr.				
		3	3" Purple Irrigation PVC	80	Raw Water Irr.				
ИНF2 - RC	19.7	1	4" UL Gray	50	Electrical				
			,						
MHF2 - RC	19.8	1	4" SCH 40 PVC White	60	Gas				
MHF2 - RC	19.9	1	4" UL Gray	40	Electrical				
		1	4" SCH 40 PVC White	40	Gas				
			all course property		0				
MHF2 - RC	21	1	4" SCH 40 PVC White	20	Gas				
MHF2 - RC	21.1	1	4" UL Gray	20	Electrical				
RR Slee	WAS.								
RC		Count	Туре	Length (LF)	Utility	Notes/Comments	CDG	U.P.	Cmcs
IRR RC	_	1	6" SCH 40 White	40	Gas	Installed prior to this list being published	mhf2lencen338	202012062	_
IRR RC	2	1	6" UL Gray	40	Electrical	Installed prior to this list being published			
	+	<del>3</del>	4" UL Gray 4" PVC White	40 40	Electrical Communications				_
IRR RC	3	1	6" SCH 40 White	100	Gas				
IRR RC	4	1 2	6" UL Gray 4" PVC White	20 20	Electrical Communications	Installed prior to this list being published			_
	+	1	6" SCH 40 White	<del>20</del>	Gas				
						Quantity and location called out using IRR-RC5, but on U.P.			
IRR RC	5	2	4" UL Gray		Electrical	plans can be found as MHF2 - RC17			
	+	1	4" SCH 40 White	100	Gas				
						Quantity and location called out using IRR-RC6, but was			
IRR RC	6	1	6" SCH 40 White	100	Gas Communications	also called out as MHF2 - RC13.5.			
	+	2	4" PVC White	100	Communications				
						Was also labeled as MHF2 - RC18.5. Quantities and lengths			
IRR RC	7	1	6" SCH 40 White	100	Gas	provided here as MHF2-18.5 is a duplicate listing			
						Install sleeve should run from streetlight side of sidwalk			
						to edge of 10' Utility easement running perpendicular to			
IRR RC	8.E	1	6" UL Gray	80	Electrical	sleeve (Easement running North/South)			
	_	2	4" UL Gray	80	Electrical				
	+					Sleeve should run from edge of IRR-RC 7 on one end, to			
						80If into the sidelot easement (beyond the 10' N/S utility			
IRR RC	8.G	1	6" SCH 40 White	80	Gas	easement and the associated sleeves.			
						This is a triplicate name (2nd is MHF2 RC19 and 3rd is WCR3			
						RC1). Quantities and lengths provided here. Other names			
IRR RC	9		6" UL Gray		Electrical	contain 0 lengths.			
	+	2	4" UL Gray 4" PVC White	100 100	Electrical Communications				
				200					
IRR RC	10	1	6" UL Gray	40	Electrical				
IRR RC	2 11	1 2	4" SCH 40 White 4" UL Gray	40 <del>60</del>	Gas Electrical	Installed prior to this list being published			
IKK KC	-	2	4" PVC White	60	Communications	instance provide this list being published			
		1	4" SCH 40 White	60	<del>Gas</del>				
IRR RC	12	2 1	4" UL Gray 4" SCH 40 White	<del>60</del>	Electrical Gas	Installed prior to this list being published			
IRR RC	13	1	4" UL Gray	120	Electrical	Sleeve on top of RCP			
IRR RC	14	1	4" UL Gray	60	Electrical	Sleeve on top of RCP	mhf2lencen338	202012062	JB302
	+	1	4" SCH 40 White	60	Gas				
NCR3 SI	leeve	s							
RC		Count	<u>Туре</u>	Length (LF)	<u>Utility</u>	Notes/Comments	CDG	U.P.	Cmcs
						SEE IRR - RC5 (100') on Plan page and above on list. This is a triplicate name (3rd name being MHF2 - RC17) and			
VCR3 RC	1	1	<del>6" UL Gray</del>	0	Electrical	quantity is 0 here to avoid duplicate installation.	mhmd3f2cr3_hf	202012058	JB302
		2	4" UL Gray	0	Electrical		_		
VCR3 RC	C 1.1	2	6" Purple Irrigation PVC 3" Purple Irrigation PVC	100 100	Raw Water Irr. Raw Water Irr.				
			3 . arpie irrigation PVC	100	water iii.				
			all are a			(1) sleeve to be cut later by Ward and used for near (west)			
VCR3 RC	C 2	3	4" UL Gray	130	Electrical	road edge streetlight feed			
VCR3 RC	3	1	6" Purple Irrigation PVC	60	Raw Water Irr.				
		2	3" Purple Irrigation PVC	60	Raw Water Irr.				
VCR3 RC	4	1	6" SCH 40 White 6" UL Gray	60 60	Gas Electrical				
	+	1	O OLGIAY	OU.	Electrical				<del>                                     </del>
VCR3 RC	4.1	1	4" UL Gray	40	Electrical				
VCR3 RC	4.2		4" UL Gray	40	Electrical				
vens RC	4.2	1	- ULGIAY	40	LIEUTIUM				
VCR3 RC	5		6" UL Gray	100	Electrical				
	+	2	4" UL Gray	100	Electrical				
VCR3 RC	6	1	6" UL Gray	30	Electrical				
VCIND III			4" UL Gray		Electrical				
WCN3 INC					el				
				. 40	Electrical	İ.	I	I	I
	6.1	1	4" UL Gray	40	Licetrical				
VCR3 RC	6.1	1	4" UL Gray 4" UL Gray	40	Electrical				
VCR3 RC	6.2	1	4" UL Gray	40	Electrical				
NCR3 RC		1	4" UL Gray 6" Purple Irrigation PVC	40 80	Electrical Raw Water Irr.				
WCR3 RC	6.2	1	4" UL Gray	40	Electrical				

1 6" Purple Irrigation PVC 2 3" Purple Irrigation PVC

Raw Water Irr.

60 Raw Water Irr.

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