

VALDEZ EGAN DRIVE ENHANCEMENT PROJECT - CIP # 310-1150-58000

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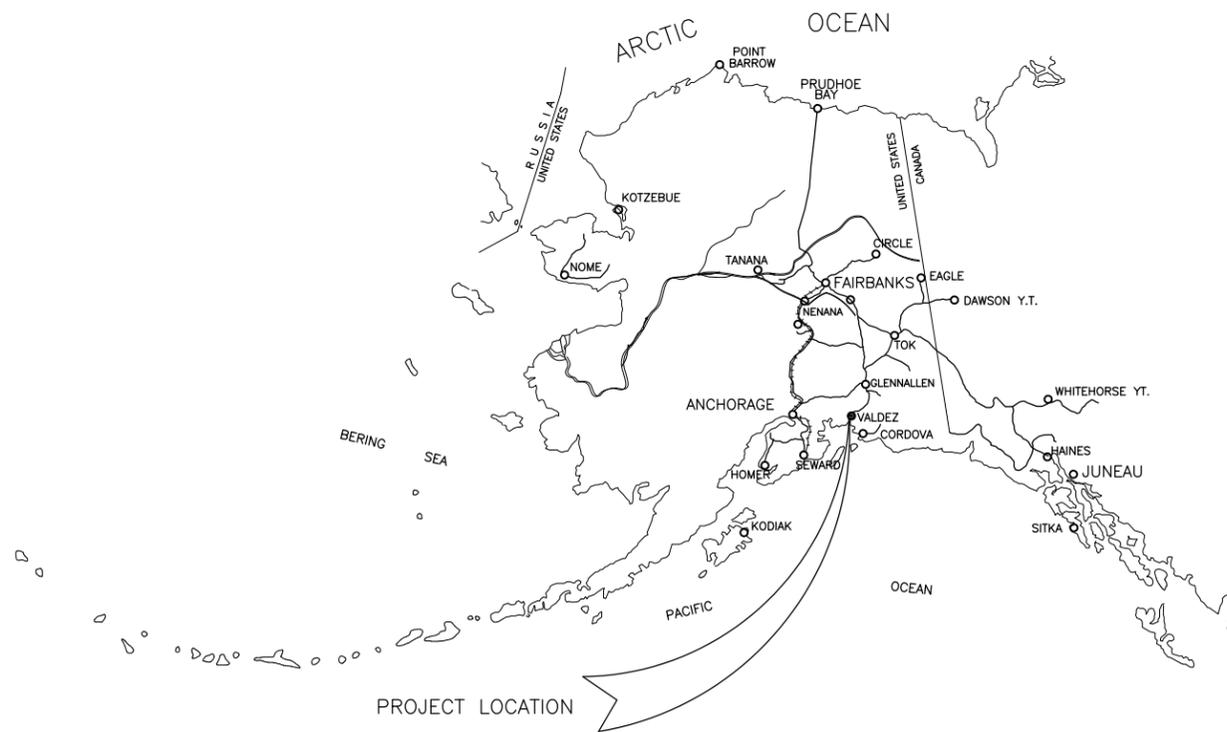
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VICINITY MAP - ALASKA

JOB LOCATION



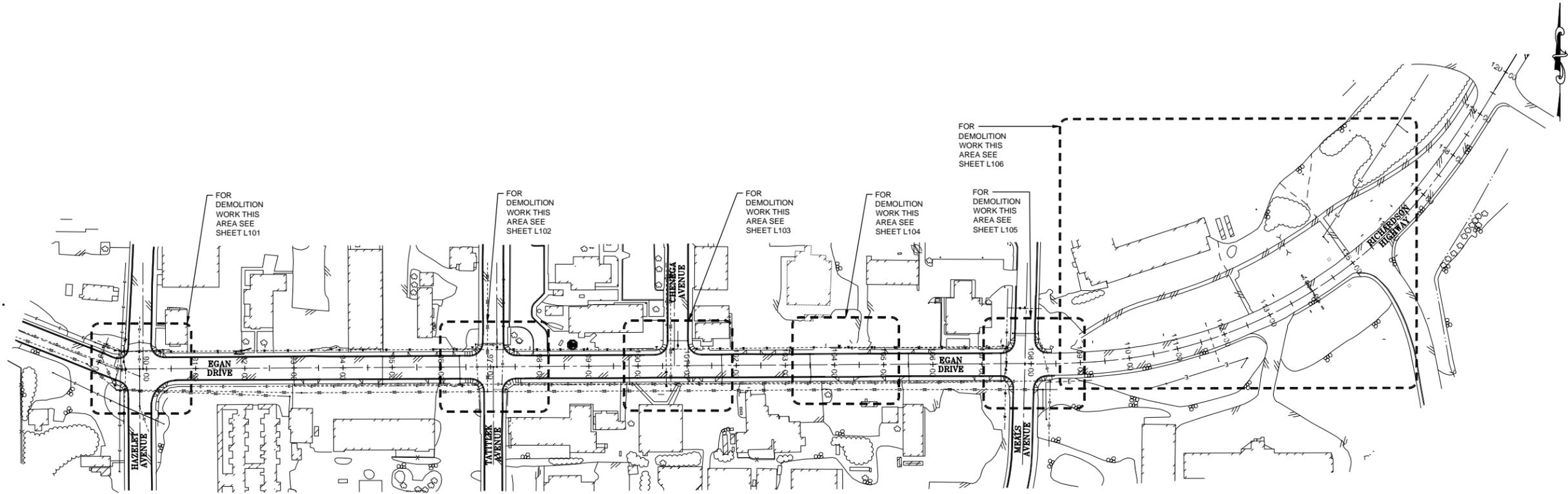
PROJECT LOCATION MAP

**VALDEZ
EGAN DRIVE
ENHANCEMENT
PROJECT -
CIP
310-1150-58000**

ISSUE DATE 22 JUL 2015
COMM. NUMBER 001419
DESIGNED BY
DRAWN BY
SCALE 0" = 1"

TITLE SHEET

T100

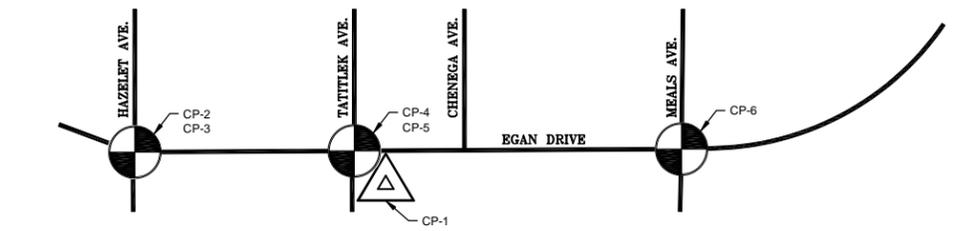


1 SITE EXISTING CONDITIONS AND DEMOLITION KEY PLAN
L100 SCALE: 1" = 120'

SURVEY NOTES

- COORDINATES ARE ALASKA STATE PLANE ZONE 3, NAD83, US FEET; ELEVATIONS ARE NAVD88 VERTICAL DATUM, FEET.
- THIS SURVEY WAS CONDUCTED DURING WINTER TIME CONDITIONS. CERTAIN FEATURES MAY HAVE ESCAPED DETECTION DUE TO THE PRESENCE OF SNOW AND ICE. SOME PHYSICAL FEATURES ARE SHOWN SCHEMATICALLY, TAKEN FROM AERIAL IMAGERY PROVIDED BY THE CITY OF VALDEZ. CONTRACTOR TO VERIFY SITE CONDITIONS PRIOR TO CONSTRUCTION.
- UTILITIES SHOWN ARE BASED UPON THE BEST AVAILABLE SURFACE EVIDENCE. SOME UTILITIES SHOWN ARE BASED UPON UTILITY INFORMATION PROVIDED BY THE CITY OF VALDEZ. IT IS RECOMMENDED THAT UTILITY LOCATES BE PERFORMED PRIOR TO ANY EXCAVATION.

CONTROL POINT TABLE					
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION	LOCATION
CP-1	2604721.46	1577496.35	27.02'	MAG NAIL	SOUTHEAST CORNER OF TATITLEK AVE. AND EGAN DRIVE, IN SIDEWALK
CP-2	2604762.92	1576757.67	31.71'	SI MON	INTERSECTION OF EGAN DRIVE AND NORTH HAZELET AVENUE
CP-3	2604762.88	1576750.90	31.61'	SI MON	INTERSECTION OF EGAN DRIVE AND SOUTH HAZELET AVENUE
CP-4	2604766.86	1577477.74	26.81'	SI MON	INTERSECTION OF EGAN DRIVE AND NORTH TATITLEK AVENUE
CP-5	2604766.85	1577470.66	26.90'	SI MON	INTERSECTION OF EGAN DRIVE AND SOUTH TATITLEK AVENUE
CP-6	2604772.85	1578551.99	20.06'	SI MON	INTERSECTION OF EGAN DRIVE AND MEALS AVENUE



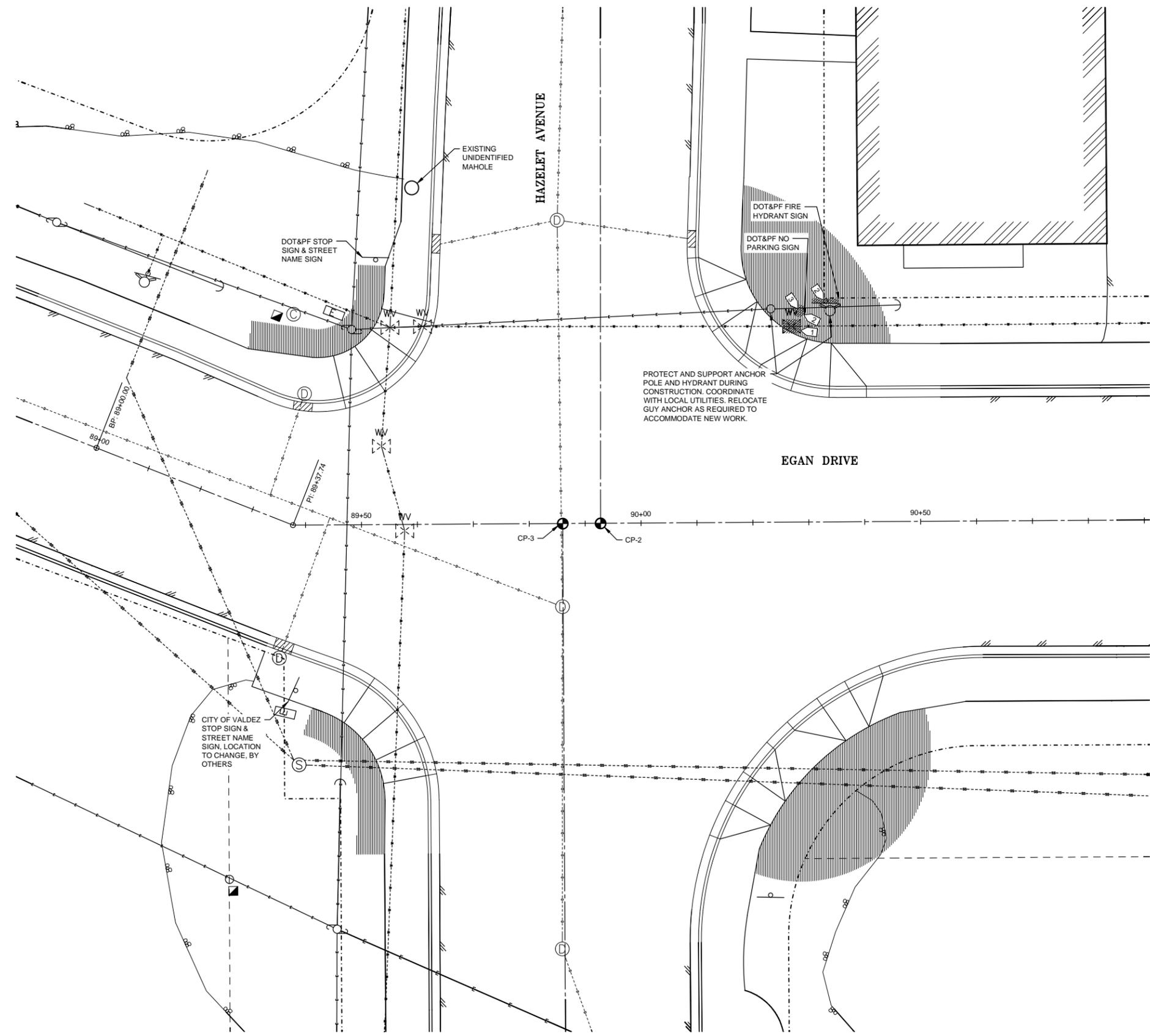
SURVEY CONTROL SKETCH

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**SITE EXISTING
CONDITIONS AND
DEMOLITION KEY
PLAN**

L100



LEGEND

	MAG NAIL SET THIS SURVEY
	AK DOT R.O.W. MONUMENT IN CASING
	POWER POLE W/ GUY ANCHOR
	LIGHT POLE
	FIRE HYDRANT
	WATER VALVE
	SEWER MANHOLE
	STORM DRAIN MANHOLE
	ELECTRIC TRANSFORMER
	TELEPHONE PEDESTAL
	UTILITY J-BOX
	SIGN
	BURIED WATER LINE
	BURIED SEWER LINE
	OVERHEAD POWER LINE
	BURIED STORM DRAIN LINE
	BURIED POWER LINE
	EDGE OF GRAVEL
	EDGE OF ASPHALT
	RIGHT OF WAY LINE
	EASEMENT LINE
	SIDEWALK RAMP DOWNSLOPE DIRECTION
	PROPOSED NEW EASEMENT
	BUILDING PERIMETER

GENERAL NOTES

1. UNDERGROUND AND OVERHEAD UTILITIES IN DEMOLITION AREAS TO REMAIN UNLESS NOTED OTHERWISE. PROTECT UNDERGROUND AND OVERHEAD UTILITIES DURING DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR TO FIELD VERIFY ALL EXISTING SIDEWALK WIDTHS AND DIMENSIONS, SIGN PLACEMENTS, AND ALL OTHER ITEMS TO BE REMOVED AND REPLACED/RELOCATED PRIOR TO REMOVAL.
3. WHERE EXISTING INFORMATIONAL AND REGULATORY SIGNS ARE REMOVED FOR RELOCATION OR REINSTALLATION, CONTRACTOR SHALL MAINTAIN TEMPORARY SIGNS UNTIL PERMANENT SIGNS ARE RELOCATED OR REINSTALLED.

SPECIFIC NOTES

1. REMOVE EXISTING VALVE BOX COVERS AND EXTENSIONS. SALVAGE FOR REINSTALLATION.
2. REMOVE EXISTING SIGN AND SALVAGE FOR REINSTALLATION OR RELOCATION.
3. REMOVE EXISTING LIGHT POLE.

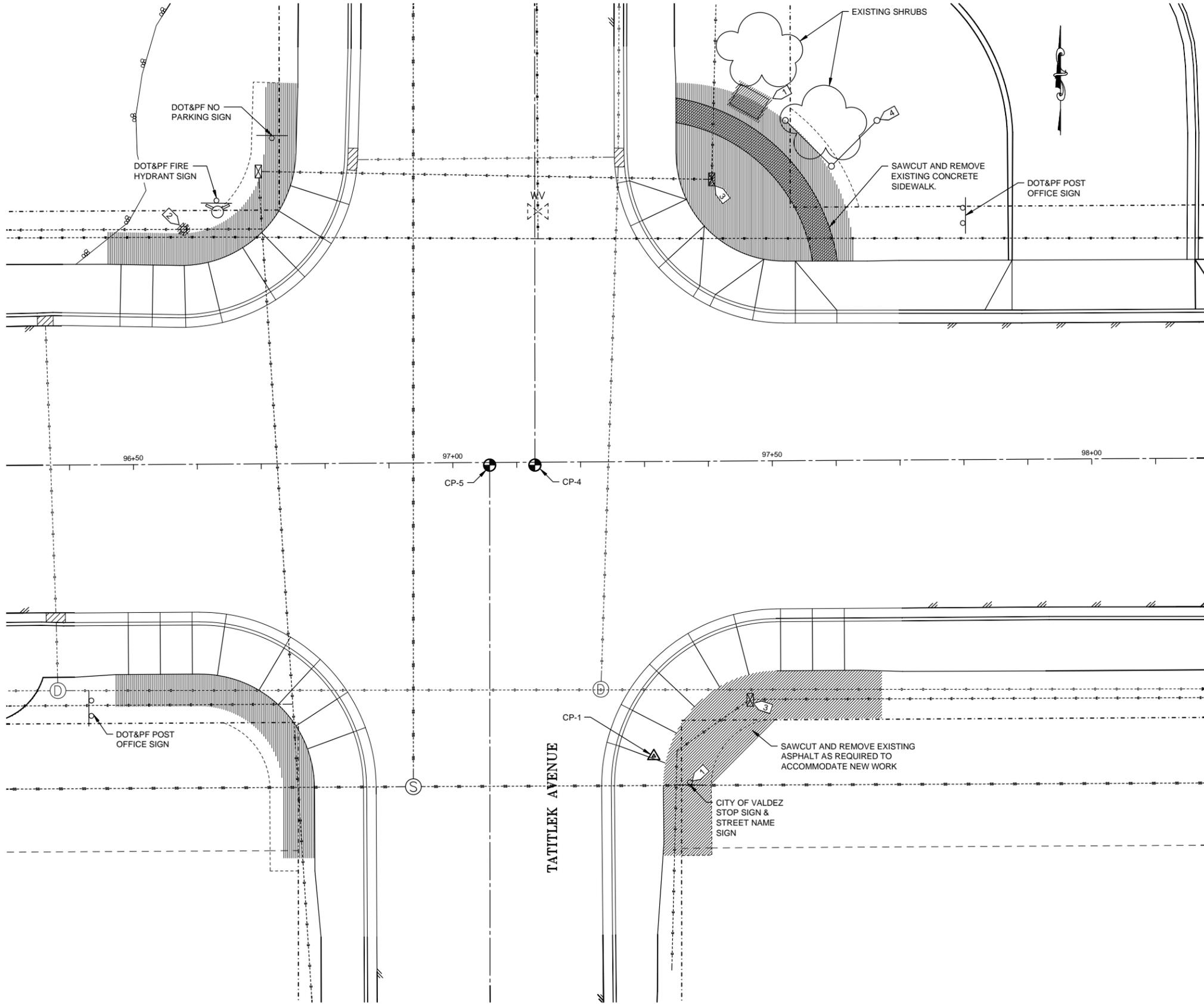
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**EGAN DRIVE AND
HAZELET AVENUE
EXISTING
CONDITIONS AND
DEMOLITION PLAN**

1 EGAN DRIVE AND HAZELET AVENUE EXISTING CONDITIONS AND DEMOLITION PLAN
L101 SCALE: 1" = 10'

L101



LEGEND

	MAG NAIL SET THIS SURVEY
	AK DOT R.O.W. MONUMENT IN CASING
	POWER POLE W/ GUY ANCHOR
	LIGHT POLE
	FIRE HYDRANT
	WATER VALVE
	SEWER MANHOLE
	STORM DRAIN MANHOLE
	ELECTRIC TRANSFORMER
	TELEPHONE PEDESTAL
	UTILITY J-BOX
	SIGN
	BURIED WATER LINE
	BURIED SEWER LINE
	OVERHEAD POWER LINE
	BURIED STORM DRAIN LINE
	BURIED POWER LINE
	EDGE OF GRAVEL
	EDGE OF ASPHALT
	RIGHT OF WAY LINE
	EASEMENT LINE
	SIDEWALK RAMP DOWNSLOPE DIRECTION
	PROPOSED NEW EASEMENT
	BUILDING PERIMETER

GENERAL NOTES

1. UNDERGROUND AND OVERHEAD UTILITIES IN DEMOLITION AREAS TO REMAIN UNLESS NOTED OTHERWISE. PROTECT UNDERGROUND AND OVERHEAD UTILITIES DURING DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR TO FIELD VERIFY ALL EXISTING SIDEWALK WIDTHS AND DIMENSIONS, SIGN PLACEMENTS, AND ALL OTHER ITEMS TO BE REMOVED AND REPLACED/RELOCATED PRIOR TO REMOVAL.
3. WHERE EXISTING INFORMATIONAL AND REGULATORY SIGNS ARE REMOVED FOR RELOCATION OR REINSTALLATION CONTRACTOR SHALL MAINTAIN TEMPORARY SIGNS UNTIL PERMANENT SIGNS ARE RELOCATED OR REINSTALLED.

SPECIFIC NOTES

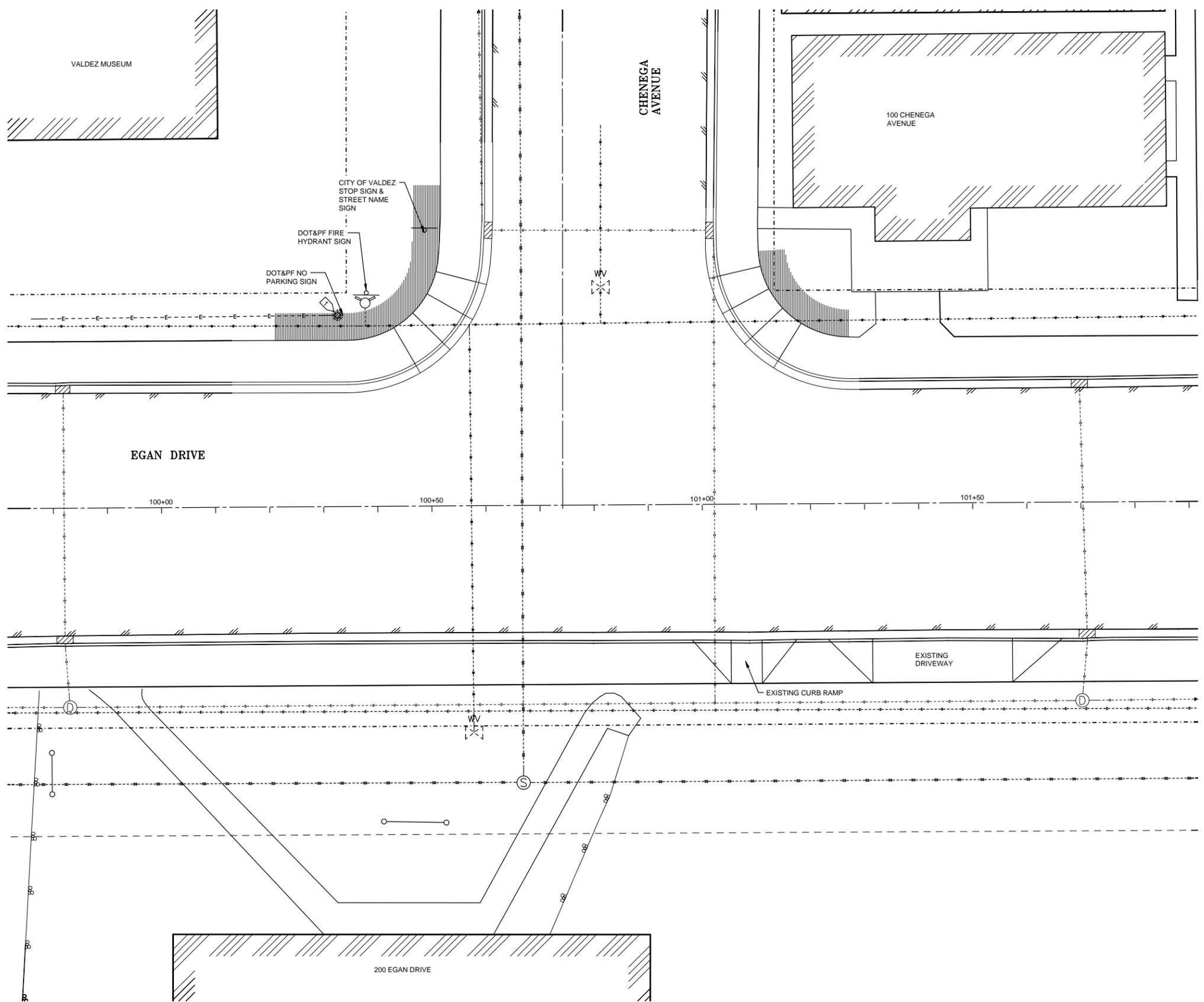
- 1 REMOVE EXISTING PEDESTAL AND/OR SIGN AND SALVAGE FOR REINSTALLATION/RELOCATION.
- 2 REMOVE EXISTING LIGHT POLE.
- 3 REMOVE EXISTING ELECTRICAL BOX. PROTECT OR REPLACE EXISTING ELECTRICAL BOX CONDUITS DURING DEMOLITION.
- 4 PROTECT EXISTING SIGN TO REMAIN DURING CONSTRUCTION.

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**EGAN DRIVE AND
TATITLEK AVENUE
EXISTING
CONDITIONS AND
DEMOLITION PLAN**

1 EGAN DRIVE AND TATITLEK AVENUE EXISTING CONDITIONS AND DEMOLITION PLAN
L102 SCALE: 1" = 10'



LEGEND

	MAG NAIL SET THIS SURVEY
	AK DOT R.O.W. MONUMENT IN CASING
	POWER POLE W/ GUY ANCHOR
	LIGHT POLE
	FIRE HYDRANT
	WATER VALVE
	SEWER MANHOLE
	STORM DRAIN MANHOLE
	ELECTRIC TRANSFORMER
	TELEPHONE PEDESTAL
	UTILITY J-BOX
	SIGN
	BURIED WATER LINE
	BURIED SEWER LINE
	OVERHEAD POWER LINE
	BURIED STORM DRAIN LINE
	BURIED POWER LINE
	EDGE OF GRAVEL
	EDGE OF ASPHALT
	RIGHT OF WAY LINE
	EASEMENT LINE
	SIDEWALK RAMP DOWNSLOPE DIRECTION
	PROPOSED NEW EASEMENT
	BUILDING PERIMETER

- ### GENERAL NOTES
1. UNDERGROUND AND OVERHEAD UTILITIES IN DEMOLITION AREAS TO REMAIN UNLESS NOTED OTHERWISE. PROTECT UNDERGROUND AND OVERHEAD UTILITIES DURING DEMOLITION AND CONSTRUCTION.
 2. CONTRACTOR TO FIELD VERIFY ALL EXISTING SIDEWALK WIDTHS AND DIMENSIONS, SIGN PLACEMENTS, AND ALL OTHER ITEMS TO BE REMOVED AND REPLACED/RELOCATED PRIOR TO REMOVAL.
 3. WHERE EXISTING INFORMATIONAL AND REGULATORY SIGNS ARE REMOVED FOR RELOCATION OR REINSTALLATION, CONTRACTOR SHALL MAINTAIN TEMPORARY SIGNS UNTIL PERMANENT SIGNS ARE RELOCATED OR REINSTALLED.

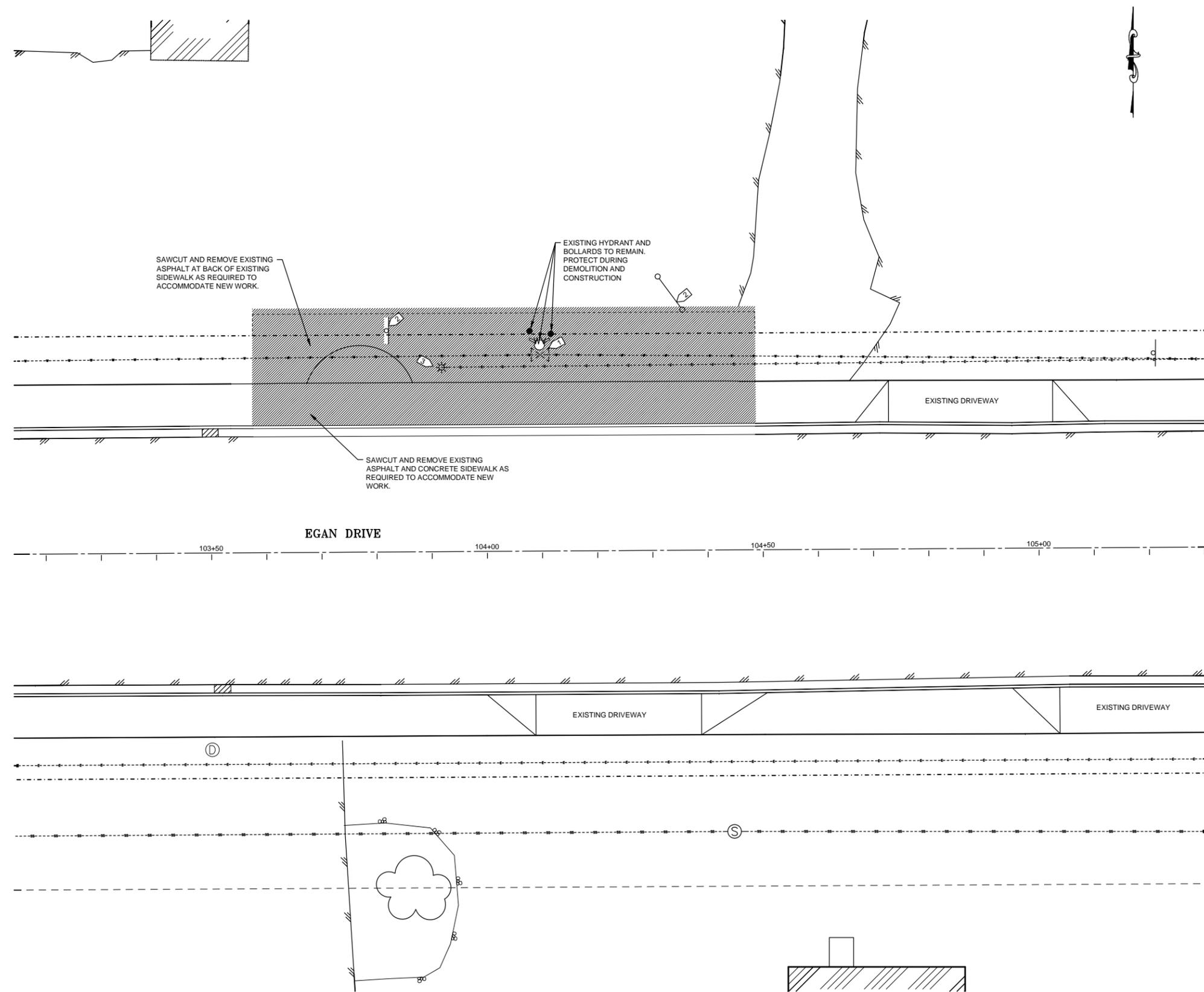
- ### SPECIFIC NOTES
1. REMOVE EXISTING LIGHT POLE.

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SCALE 0" = 1"

**EGAN DRIVE AND
CHENEGA AVENUE
EXISTING
CONDITIONS AND
DEMOLITION PLAN**

1 EGAN DRIVE AND CHENEGA AVENUE EXISTING CONDITIONS AND DEMOLITION PLAN
L103 SCALE: 1" = 10'



LEGEND

	MAG NAIL SET THIS SURVEY
	AK DOT R.O.W. MONUMENT IN CASING
	POWER POLE W/ GUY ANCHOR
	LIGHT POLE
	FIRE HYDRANT
	WATER VALVE
	SEWER MANHOLE
	STORM DRAIN MANHOLE
	ELECTRIC TRANSFORMER
	TELEPHONE PEDESTAL
	UTILITY J-BOX
	SIGN
	BURIED WATER LINE
	BURIED SEWER LINE
	OVERHEAD POWER LINE
	BURIED STORM DRAIN LINE
	BURIED POWER LINE
	EDGE OF GRAVEL
	EDGE OF ASPHALT
	RIGHT OF WAY LINE
	EASEMENT LINE
	SIDEWALK RAMP DOWNSLOPE DIRECTION
	PROPOSED NEW EASEMENT
	BUILDING PERIMETER

GENERAL NOTES

- UNDERGROUND AND OVERHEAD UTILITIES IN DEMOLITION AREAS TO REMAIN UNLESS NOTED OTHERWISE. PROTECT UNDERGROUND AND OVERHEAD UTILITIES DURING DEMOLITION AND CONSTRUCTION.
- CONTRACTOR TO FIELD VERIFY ALL EXISTING SIDEWALK WIDTHS AND DIMENSIONS, SIGN PLACEMENTS, AND ALL OTHER ITEMS TO BE REMOVED AND REPLACED/RELOCATED PRIOR TO REMOVAL.
- WHERE EXISTING INFORMATIONAL AND REGULATORY SIGNS ARE REMOVED FOR RELOCATION OR REINSTALLATION, CONTRACTOR SHALL MAINTAIN TEMPORARY SIGNS UNTIL PERMANENT SIGNS ARE RELOCATED OR REINSTALLED.

SPECIFIC NOTES

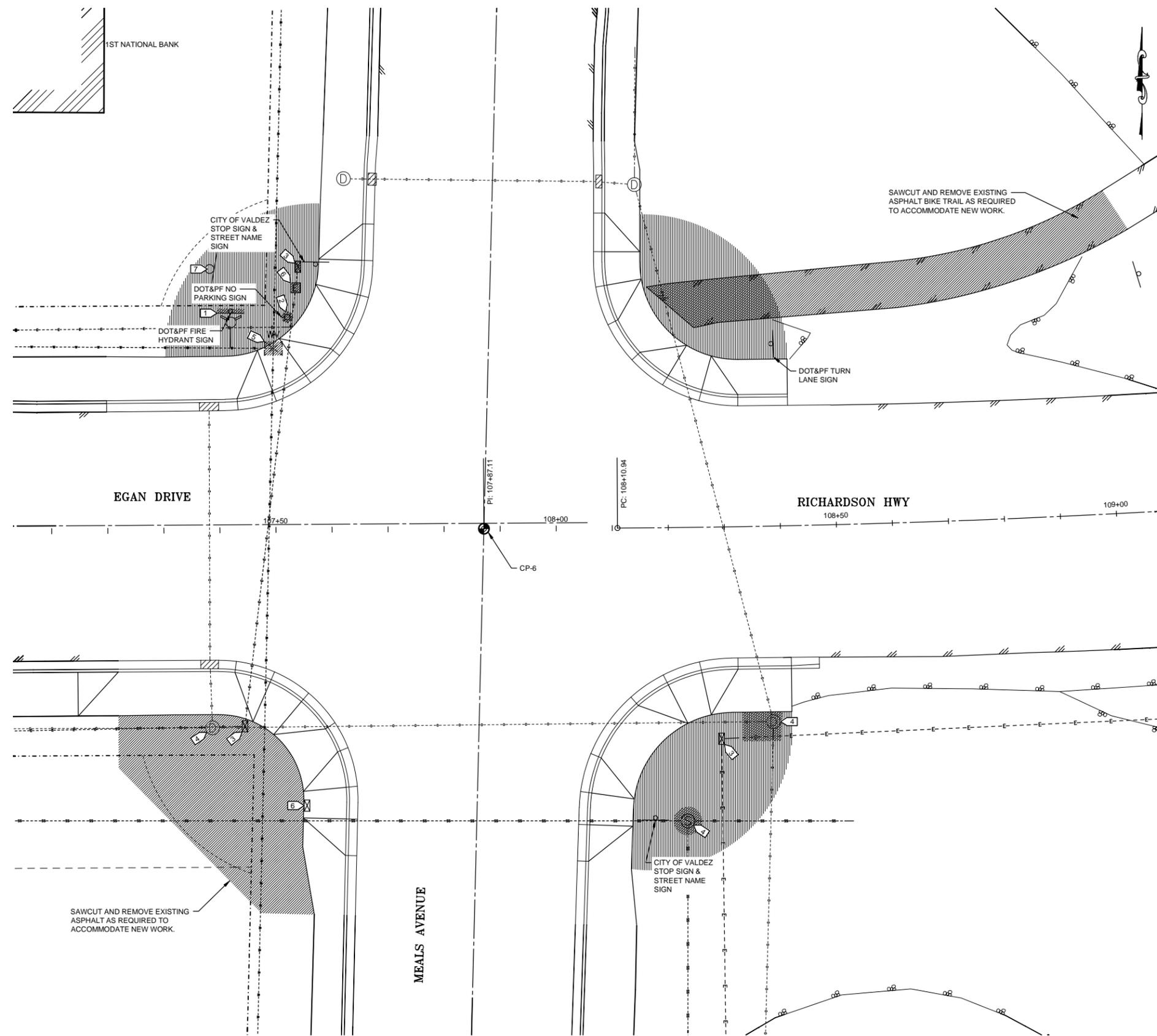
- REMOVE EXISTING VALVE BOX COVERS AND EXTENSIONS. SALVAGE FOR REINSTALLATION.
- EXISTING SIGN TO REMAIN. PROTECT DURING DEMOLITION AND CONSTRUCTION.
- REMOVE EXISTING LIGHT POLE.

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SCALE 0" = 1"

EGAN DRIVE
BETWEEN CHENEGA
AVENUE AND MEALS
AVENUE EXISTING
CONDITIONS AND
DEMOLITION PLAN

1 EGAN DRIVE BETWEEN CHENEGA AVENUE AND MEALS AVENUE EXISTING CONDITIONS AND DEMOLITION PLAN
L104 SCALE: 1" = 10'



LEGEND

	MAG NAIL SET THIS SURVEY
	AK DOT R.O.W. MONUMENT IN CASING
	POWER POLE W/ GUY ANCHOR
	LIGHT POLE
	FIRE HYDRANT
	WATER VALVE
	SEWER MANHOLE
	STORM DRAIN MANHOLE
	ELECTRIC TRANSFORMER
	TELEPHONE PEDESTAL
	UTILITY J-BOX
	SIGN
	BURIED WATER LINE
	BURIED SEWER LINE
	OVERHEAD POWER LINE
	BURIED STORM DRAIN LINE
	BURIED POWER LINE
	EDGE OF GRAVEL
	EDGE OF ASPHALT
	RIGHT OF WAY LINE
	EASEMENT LINE
	SIDEWALK RAMP DOWNSLOPE DIRECTION
	PROPOSED NEW EASEMENT
	BUILDING PERIMETER

GENERAL NOTES

1. UNDERGROUND AND OVERHEAD UTILITIES IN DEMOLITION AREAS TO REMAIN UNLESS NOTED OTHERWISE. PROTECT UNDERGROUND AND OVERHEAD UTILITIES DURING DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR TO FIELD VERIFY ALL EXISTING SIDEWALK WIDTHS AND DIMENSIONS, SIGN PLACEMENTS, AND ALL OTHER ITEMS TO BE REMOVED AND REPLACED/RELOCATED PRIOR TO REMOVAL.
3. WHERE EXISTING INFORMATIONAL AND REGULATORY SIGNS ARE REMOVED FOR RELOCATION OR REINSTALLATION, CONTRACTOR SHALL MAINTAIN TEMPORARY SIGNS UNTIL PERMANENT SIGNS ARE RELOCATED OR REINSTALLED.

SPECIFIC NOTES

1. REMOVE EXISTING SIGN AND SALVAGE FOR REINSTALLATION OR RELOCATION.
2. REMOVE EXISTING LIGHT POLE.
3. REMOVE EXISTING ELECTRICAL BOX AND SALVAGE FOR REINSTALLATION. PROTECT EXISTING ELECTRICAL BOX CONDUITS DURING DEMOLITION AND CONSTRUCTION.
4. REMOVE EXISTING MANHOLE COVER AND FRAME AND SALVAGE FOR REINSTALLATION. PROTECT MANHOLE DURING DEMOLITION AND CONSTRUCTION.
5. REMOVE EXISTING VALVE BOX COVERS AND EXTENSIONS. SALVAGE FOR REINSTALLATION.
6. REMOVE EXISTING JUNCTION BOX AND CONCRETE COLLAR.
7. PROTECT EXISTING SIGN TO REMAIN DURING CONSTRUCTION.

VALDEZ EGAN DRIVE ENHANCEMENT PROJECT - CIP

310-1150-58000

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SCALE 0" = 1"

EGAN DRIVE AND MEALS AVENUE EXISTING CONDITIONS AND DEMOLITION PLAN

1 EGAN DRIVE AND MEALS AVENUE EXISTING CONDITIONS AND DEMOLITION PLAN

L105 SCALE: 1" = 20'

L105

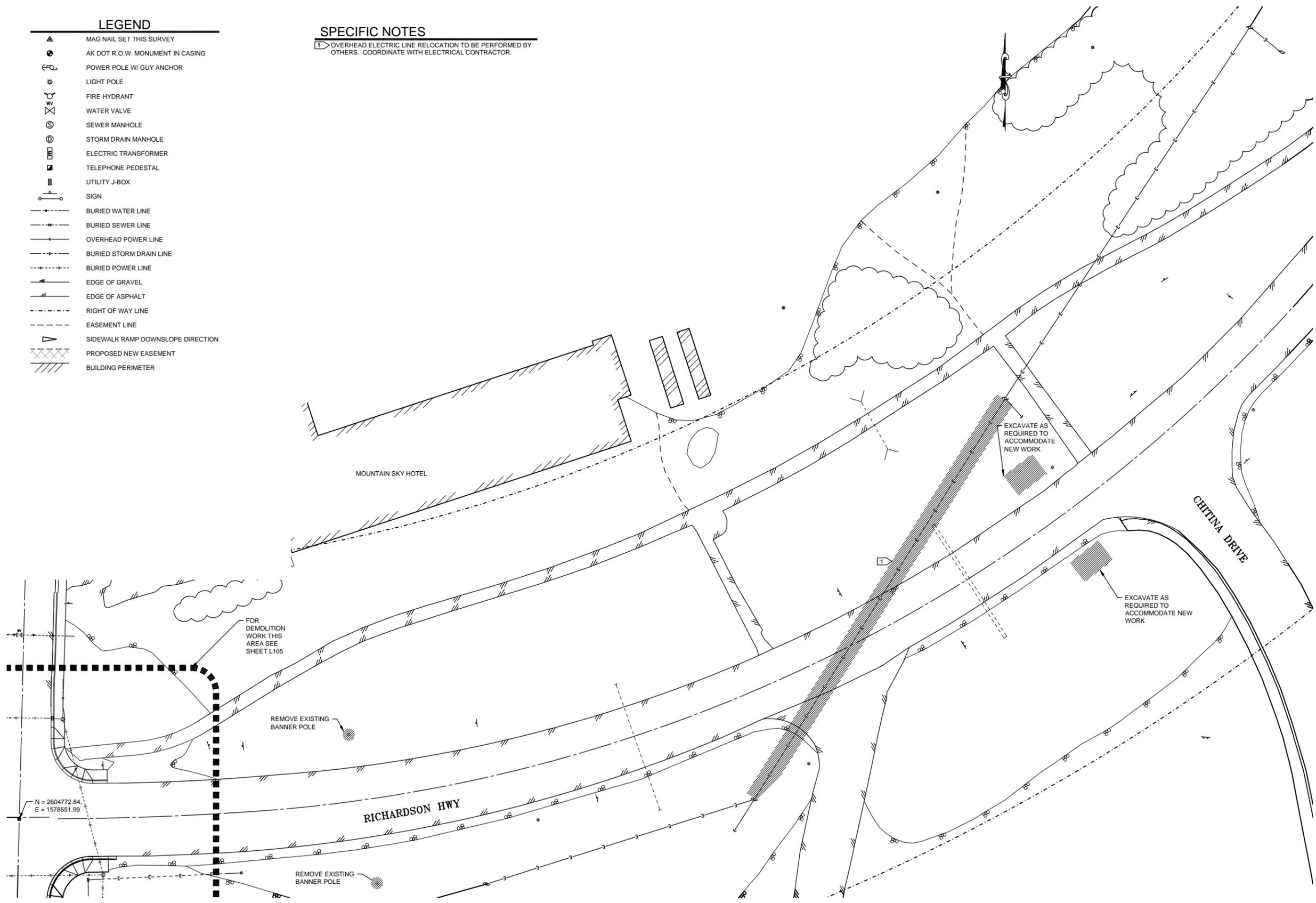


LEGEND

- ▲ MAG NAIL SET THIS SURVEY
- AK DOT R.O.W. MONUMENT IN CASING
- ⊕ POWER POLE W/ GUY ANCHOR
- * LIGHT POLE
- ⊕ FIRE HYDRANT
- ⊕ WATER VALVE
- ⊕ SEWER MANHOLE
- ⊕ STORM DRAIN MANHOLE
- ⊕ ELECTRIC TRANSFORMER
- ⊕ TELEPHONE PEDESTAL
- ⊕ UTILITY J-BOX
- ⊕ SIGN
- BURIED WATER LINE
- BURIED SEWER LINE
- OVERHEAD POWER LINE
- BURIED STORM DRAIN LINE
- BURIED POWER LINE
- EDGE OF GRAVEL
- EDGE OF ASPHALT
- RIGHT OF WAY LINE
- EASEMENT LINE
- ▽ SIDEWALK RAMP DOWNSLOPE DIRECTION
- ▨ PROPOSED NEW EASEMENT
- ▨ BUILDING PERIMETER

SPECIFIC NOTES

- 1 OVERHEAD ELECTRIC LINE RELOCATION TO BE PERFORMED BY OTHERS. COORDINATE WITH ELECTRICAL CONTRACTOR.



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**RICHARDSON
HIGHWAY EXISTING
CONDITIONS AND
DEMOLITION PLAN**

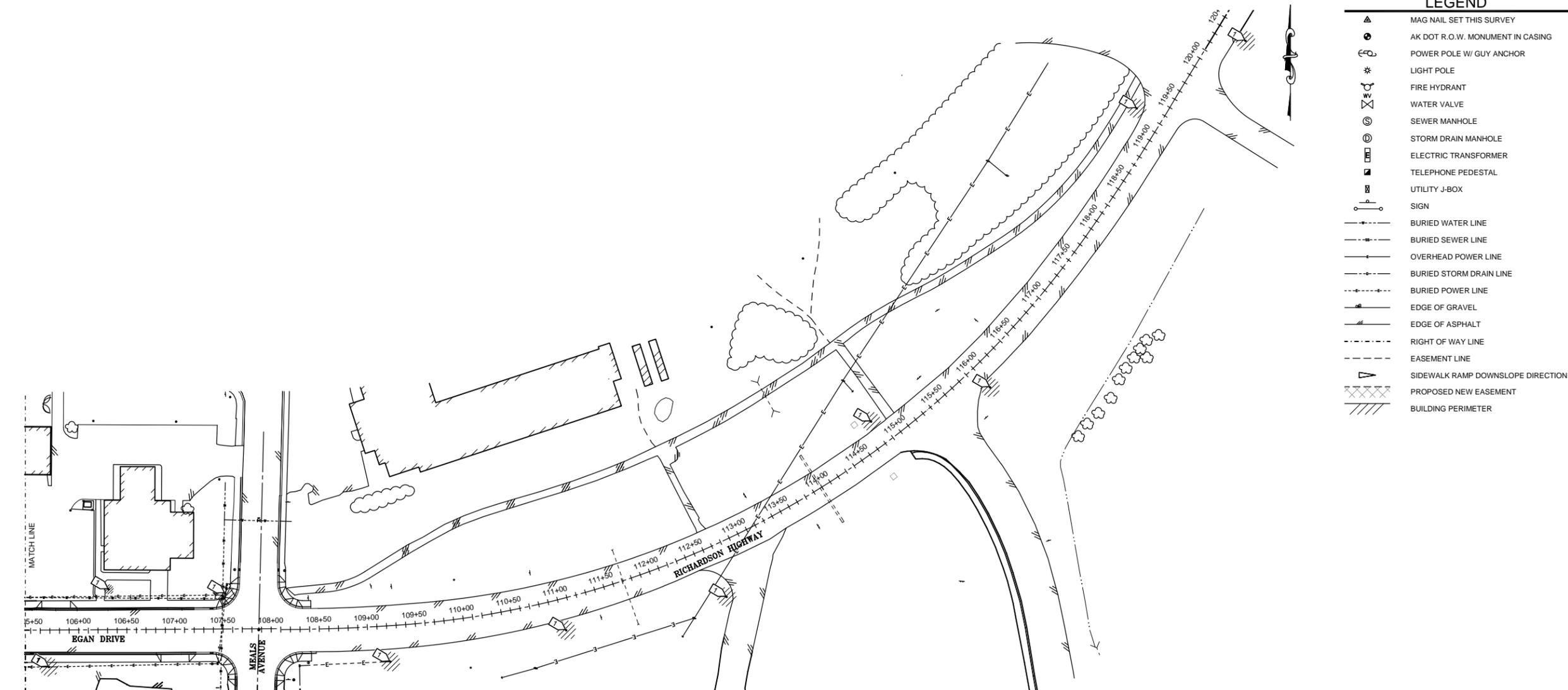
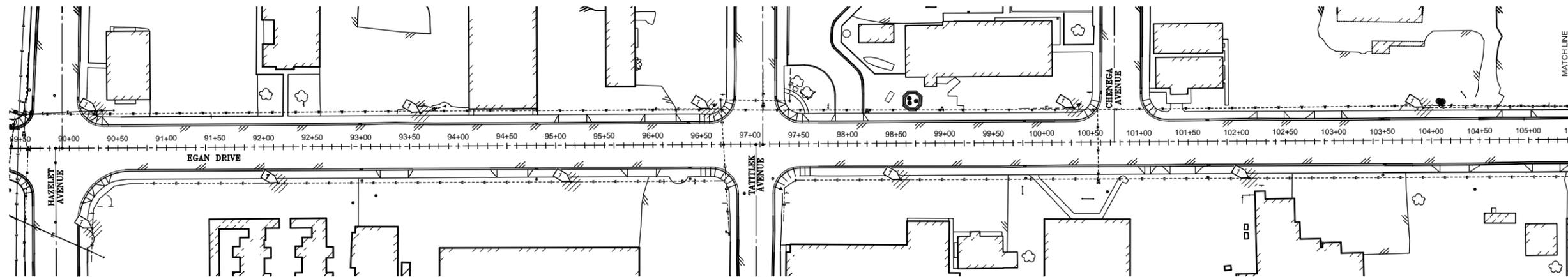
1 RICHARDSON HIGHWAY EXISTING CONDITIONS AND DEMOLITION PLAN
L106 SCALE: 1" = 30'

SPECIFIC NOTES

1 DEMO EXISTING STREETLIGHT AND BASE.

GENERAL NOTES

1. DEMOLISH ELECTRICAL PER E001 SPECIFIC NOTES.



LEGEND

- MAG NAIL SET THIS SURVEY
- AK DOT R.O.W. MONUMENT IN CASING
- POWER POLE W/ GUY ANCHOR
- LIGHT POLE
- FIRE HYDRANT
- WATER VALVE
- SEWER MANHOLE
- STORM DRAIN MANHOLE
- ELECTRIC TRANSFORMER
- TELEPHONE PEDESTAL
- UTILITY J-BOX
- SIGN
- BURIED WATER LINE
- BURIED SEWER LINE
- OVERHEAD POWER LINE
- BURIED STORM DRAIN LINE
- BURIED POWER LINE
- EDGE OF GRAVEL
- EDGE OF ASPHALT
- RIGHT OF WAY LINE
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**STREETLIGHT
DEMOLITION**

1 STREETLIGHT DEMOLITION
L110 1" = 60'

L110

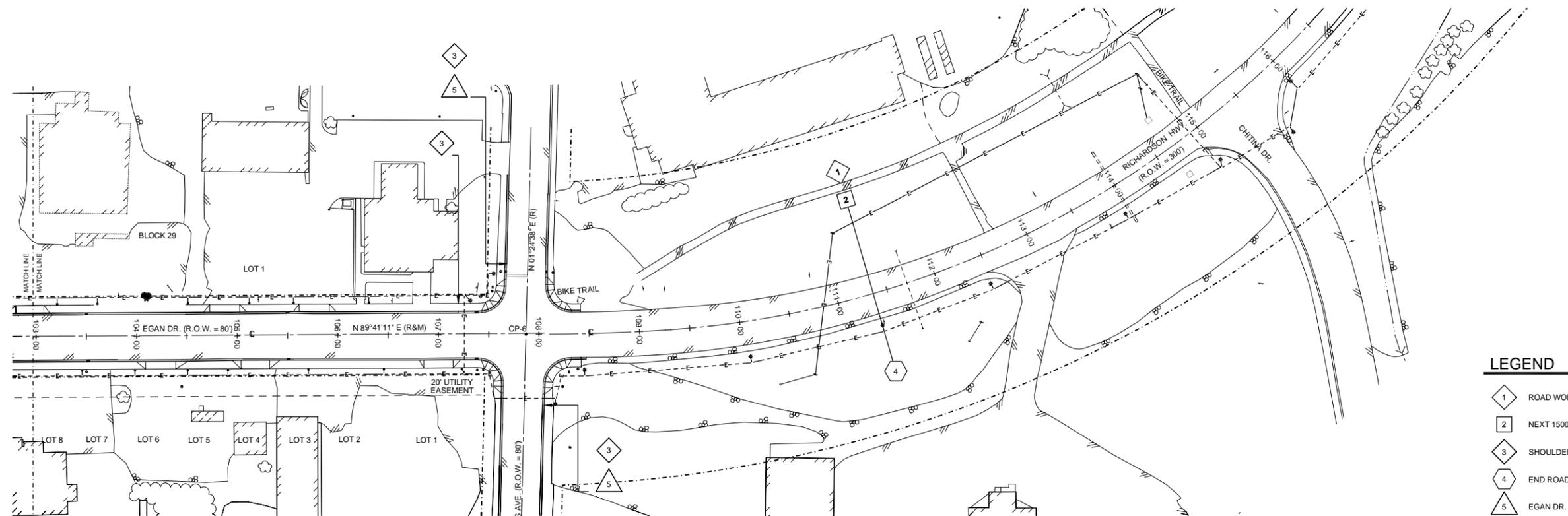
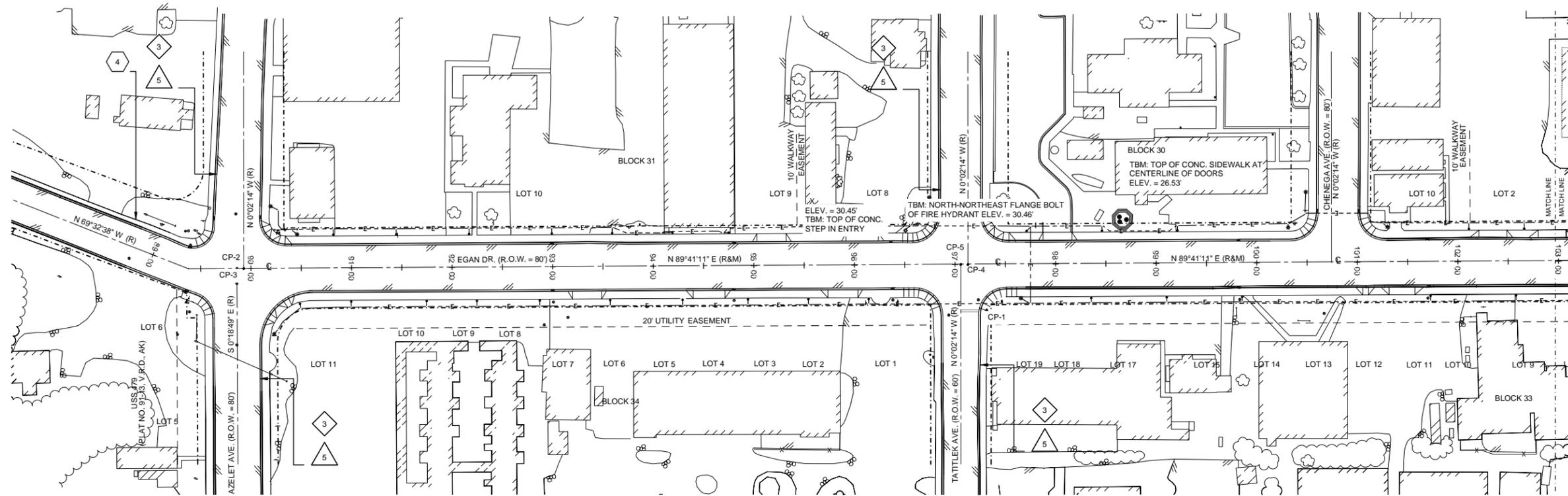


LEGEND

- | | | | |
|--|----------------------------------|--|-------------------|
| | MAG NAIL SET THIS SURVEY | | RIGHT OF WAY LINE |
| | AK DOT R.O.W. MONUMENT IN CASING | | EASEMENT LINE |
| | BUILDING PERIMETER | | LOT LINE |

GENERAL NOTES

- ALIGNMENTS ARE FOR INDEXING PURPOSES ONLY. SEE C400-C406 FOR STAKING PLANS.



LEGEND

- | | |
|--|------------------------|
| | ROAD WORK |
| | NEXT 1500 FEET (G20-1) |
| | SHOULDER WORK (W21-5) |
| | END ROAD WORK (G20-1) |
| | EGAN DR. |

1 PERMANENT TRAFFIC CONTROL PLAN

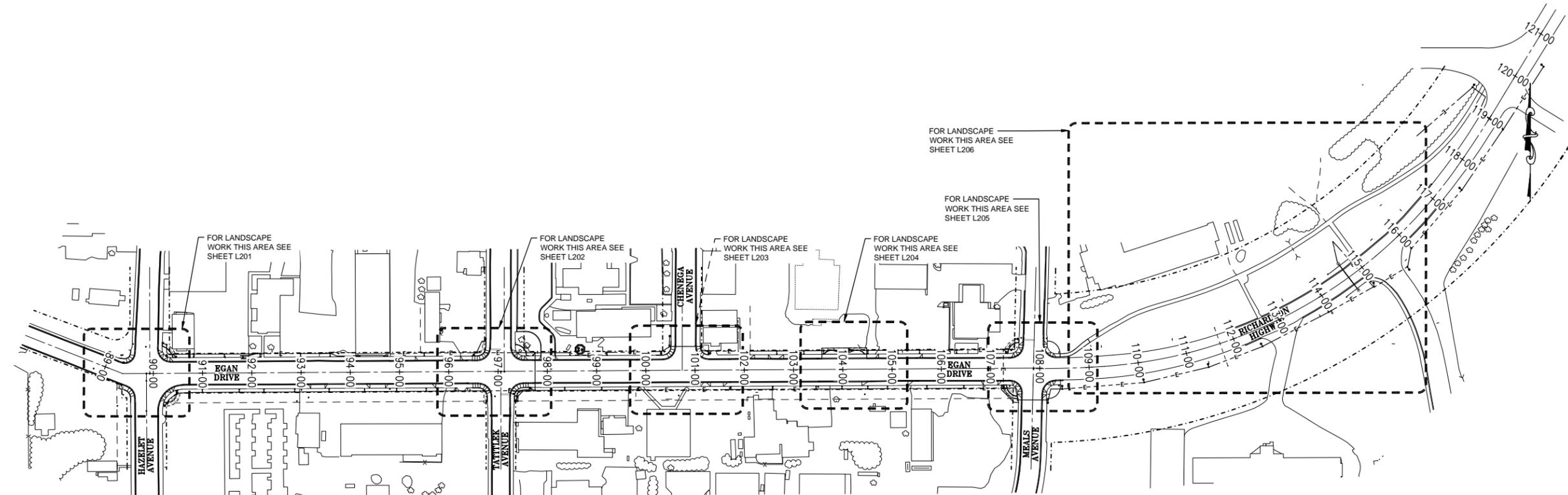
L120 1" = 60'

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**PERMANENT
TRAFFIC CONTROL
PLAN**

L120



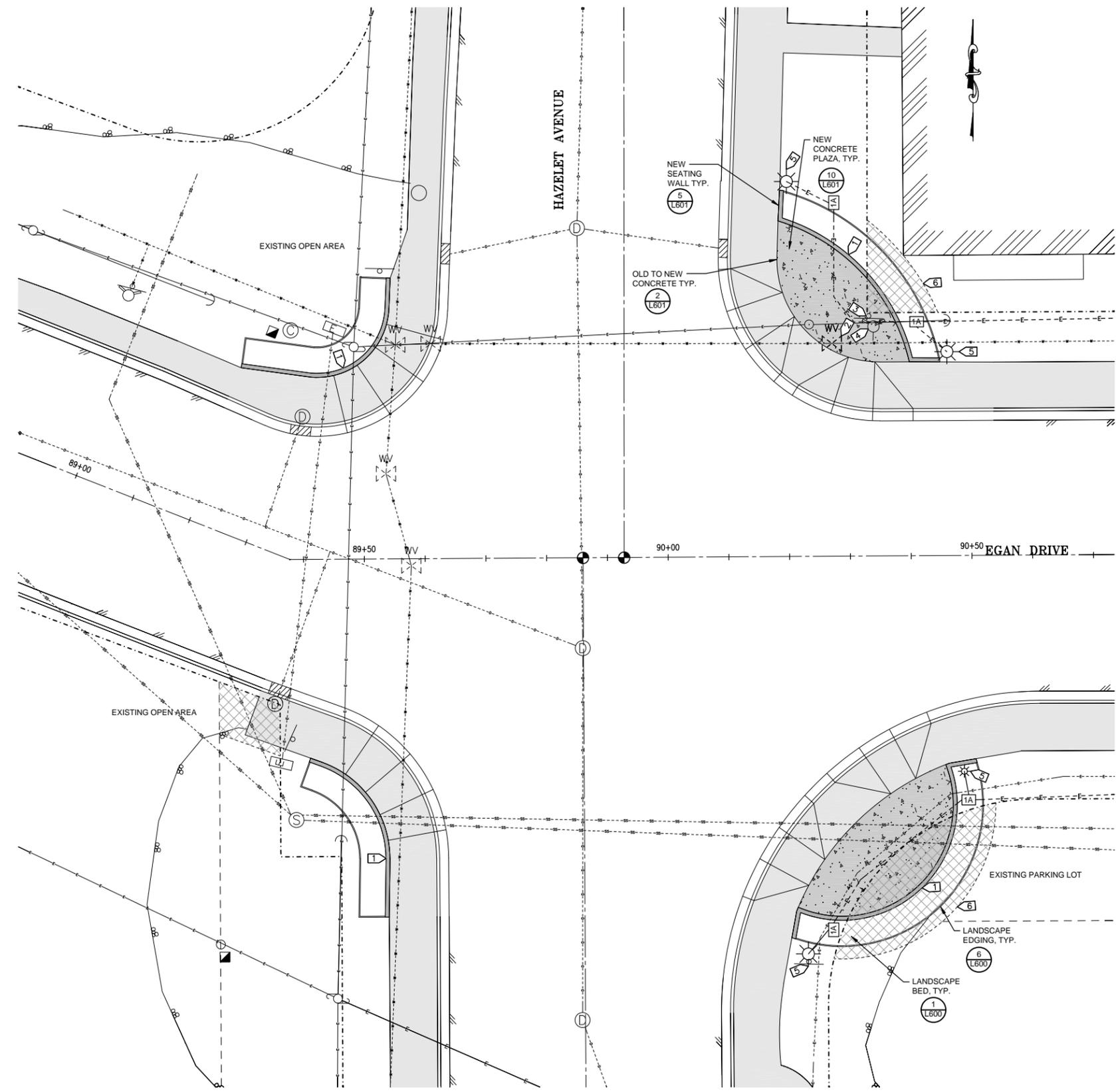
1 PROPOSED LANDSCAPE KEY PLAN
 L200 SCALE: 1" = 120'

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**PROPOSED
 LANDSCAPE KEY
 PLAN**

L200



LEGEND

	PROPOSED BEAUTIFICATION EASEMENT
	COMPOSITE WOOD BED EDGING
	EXISTING SIDEWALK
	NEW CONCRETE SIDEWALK
	NEW COLORED CONCRETE SIDEWALK
	CONCRETE PLANTER AND SEATING WALL
	MAG NAIL SET THIS SURVEY
	AK DOT R.O.W. MONUMENT IN CASING
	POWER POLE W/ GUY ANCHOR
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	FIRE HYDRANT
	WATER VALVE
	SEWER MANHOLE
	STORM DRAIN MANHOLE
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	TELEPHONE PEDESTAL
	UTILITY J-BOX
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	BURIED WATER LINE
	BURIED SEWER LINE
	OVERHEAD POWER LINE
	BURIED STORM DRAIN LINE
	BURIED POWER LINE
	EDGE OF GRAVEL
	EDGE OF ASPHALT
	RIGHT OF WAY LINE
	PROPOSED NEW EASEMENT
	BUILDING PERIMETER

GENERAL NOTES

1. USE WATER BIRDS PATTERN ON FACE OF PLANTERS. SEE 7/L600.
2. ALL NEW CONCRETE SITE WORK SHALL BE CONSTRUCTED WITH 5000 PSI COMPRESSIVE STRENGTH CONCRETE.

SPECIFIC NOTES

1. SEE LANDSCAPE DETAILS FOR CONCRETE PLAZA/SEATING WALL.
2. REINSTALL EXISTING VALVE BOX EXTENSIONS AND COVER FLUSH WITH GRADE. SEE 1/L602.
3. REINSTALL EXISTING SIGN. SEE 5/L602.
4. EXISTING FIRE HYDRANT AT NEW CONCRETE. SEE 4/L602.
5. NEW LIGHT POLE. SEE L410.
6. EDGE OF EASEMENT TO BE 7' AWAY FROM BACK OF PLAZA/SEATING WALL.

1 EGAN DRIVE AND HAZLET AVENUE LANDSCAPE PLAN
L201 SCALE: 1" = 10'

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**EGAN DRIVE AND
HAZLET AVENUE
LANDSCAPE PLAN**

L201



LEGEND

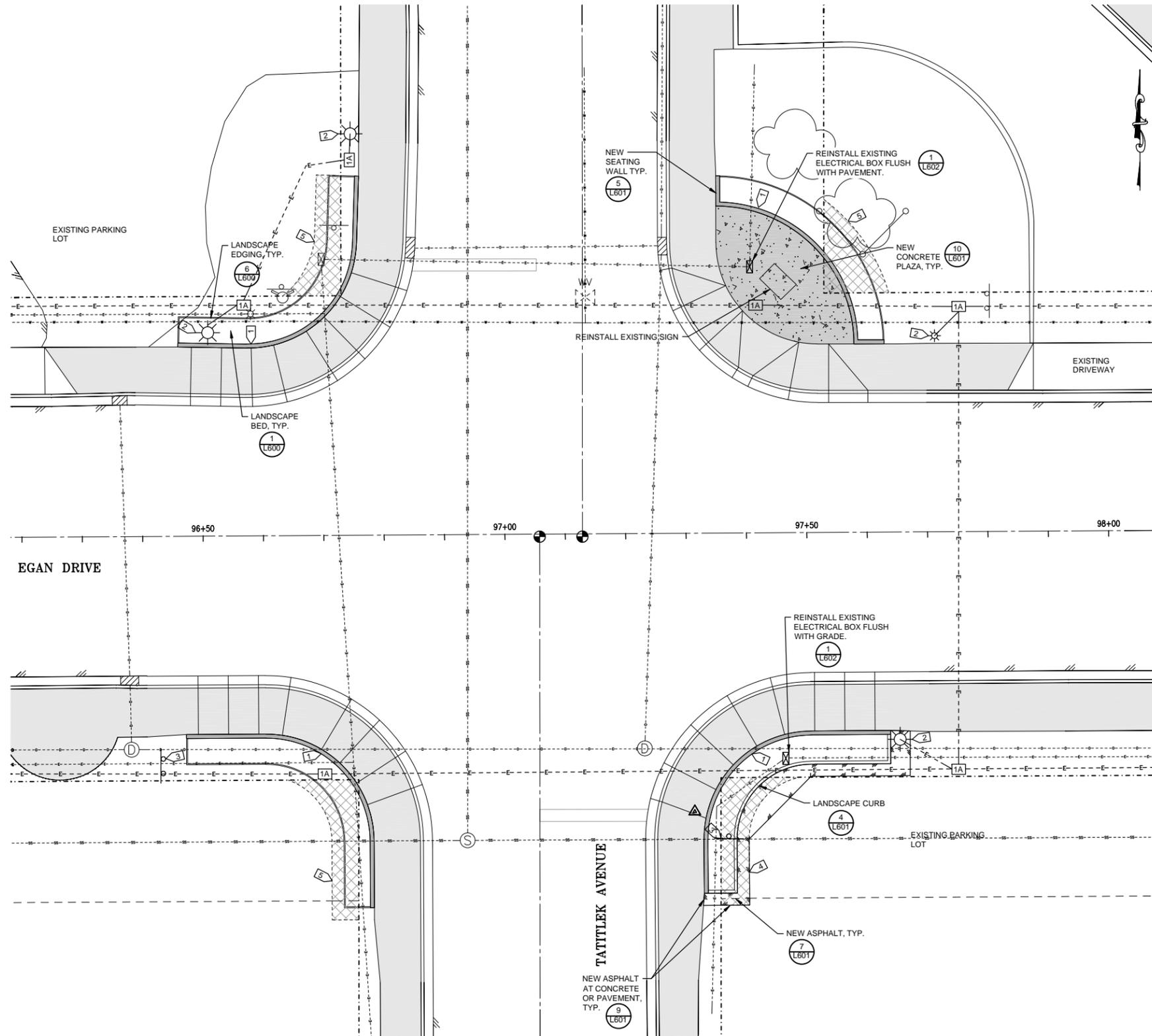
	PROPOSED BEAUTIFICATION EASEMENT
	COMPOSITE WOOD BED EDGING
	EXISTING SIDEWALK
	NEW CONCRETE SIDEWALK
	NEW COLORED CONCRETE SIDEWALK
	CONCRETE PLANTER AND SEATING WALL
	MAG NAIL SET THIS SURVEY
	AK DOT R.O.W. MONUMENT IN CASING
	POWER POLE W/ GUY ANCHOR
	LIGHT POLE
	FIRE HYDRANT
	WATER VALVE
	SEWER MANHOLE
	STORM DRAIN MANHOLE
	ELECTRIC TRANSFORMER
	TELEPHONE PEDESTAL
	UTILITY J-BOX
	SIGN
	BURIED WATER LINE
	BURIED SEWER LINE
	OVERHEAD POWER LINE
	BURIED STORM DRAIN LINE
	BURIED POWER LINE
	EDGE OF GRAVEL
	EDGE OF ASPHALT
	RIGHT OF WAY LINE
	PROPOSED NEW EASEMENT
	BUILDING PERIMETER

GENERAL NOTES

- USE BEAR PATTERN ON FACE OF PLANTERS. SEE 7/L600.
- ALL NEW CONCRETE SITE WORK SHALL BE CONSTRUCTED WITH 5000 PSI COMPRESSIVE STRENGTH CONCRETE.

SPECIFIC NOTES

- SEE LANDSCAPE DETAILS FOR CONCRETE SEATING WALL.
- NEW LIGHT POLE. SEE L410.
- REINSTALL EXISTING SIGN. SEE 5/L602.
- EDGE OF EASEMENT TO BE 2' AWAY FROM CURB.
- EDGE OF EASEMENT TO BE 7' AWAY FROM BACK OF SEATING WALL.



1 EGAN DRIVE AND TATITLEK AVENUE LANDSCAPE PLAN
L202 SCALE: 1" = 10'

VALDEZ
EGAN DRIVE
ENHANCEMENT
PROJECT -
CIP
310-1150-58000

ISSUE DATE 22 JUL 2015
COMM. NUMBER 001419
DESIGNED BY JRR
DRAWN BY EBC
SCALE 0" = 1"

EGAN DRIVE AND
TATITLEK AVENUE
LANDSCAPE PLAN

L202



**VALDEZ
EGAN DRIVE
ENHANCEMENT
PROJECT -
CIP
310-1150-58000**

ISSUE DATE 22 JUL 2015
COMM. NUMBER 001419
DESIGNED BY JRR
DRAWN BY EBC
SCALE 0" = 1"

**EGAN DRIVE AND
CHENEGA AVENUE
LANDSCAPE PLAN**

L203

LEGEND

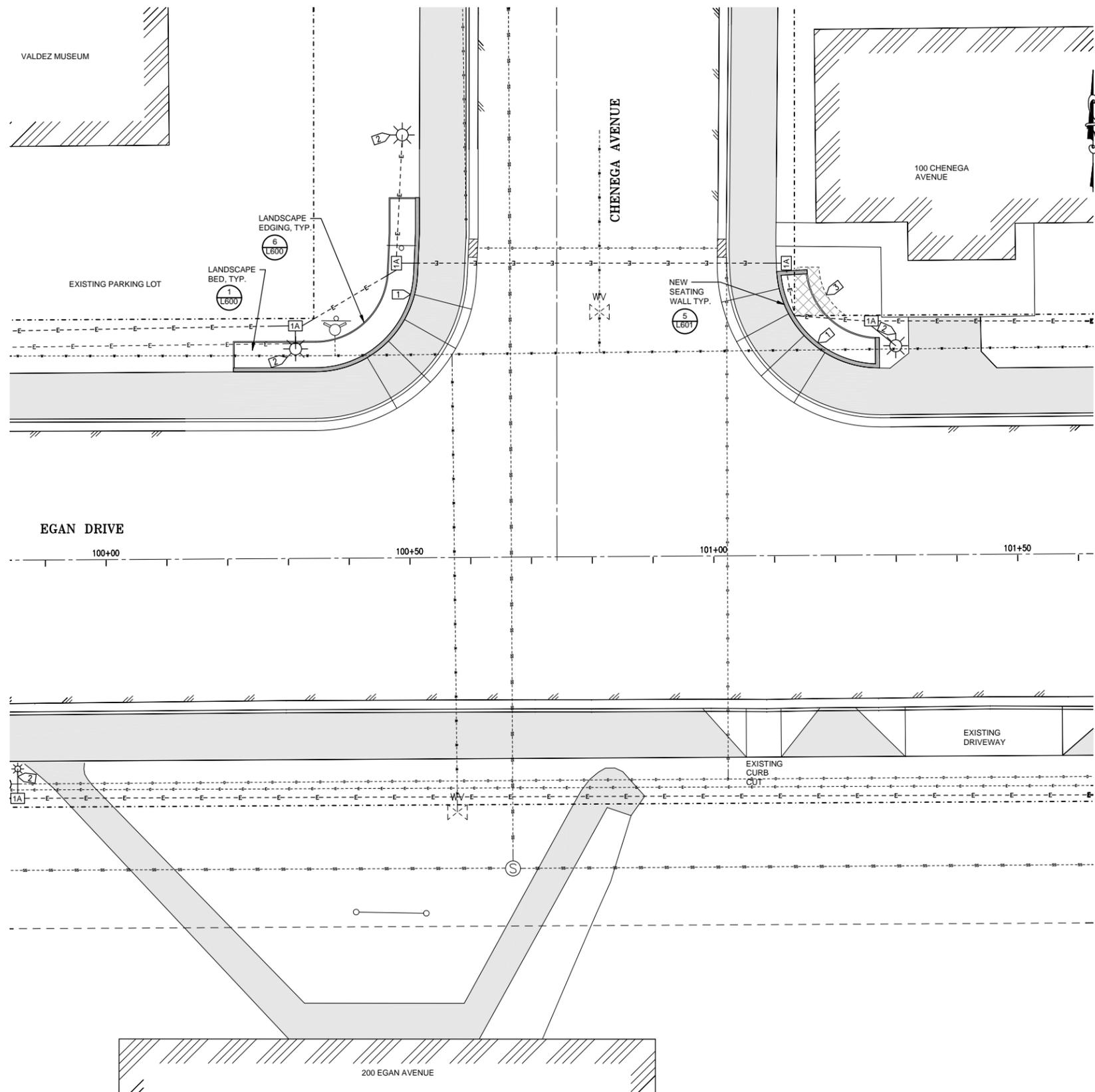
	PROPOSED BEAUTIFICATION EASEMENT
	COMPOSITE WOOD BED EDGING
	EXISTING SIDEWALK
	NEW CONCRETE SIDEWALK
	NEW COLORED CONCRETE SIDEWALK
	CONCRETE PLANTER AND SEATING WALL
	MAG NAIL SET THIS SURVEY
	AK DOT R.O.W. MONUMENT IN CASING
	POWER POLE W/ GUY ANCHOR
	LIGHT POLE
	FIRE HYDRANT
	WATER VALVE
	SEWER MANHOLE
	STORM DRAIN MANHOLE
	ELECTRIC TRANSFORMER
	TELEPHONE PEDESTAL
	UTILITY J-BOX
	SIGN
	BURIED WATER LINE
	BURIED SEWER LINE
	OVERHEAD POWER LINE
	BURIED STORM DRAIN LINE
	BURIED POWER LINE
	EDGE OF GRAVEL
	EDGE OF ASPHALT
	RIGHT OF WAY LINE
	PROPOSED NEW EASEMENT
	BUILDING PERIMETER

GENERAL NOTES

1. USE EAGLE PATTERN ON FACE OF PLANTERS. SEE 6/L600.
2. ALL NEW CONCRETE SITE WORK SHALL BE CONSTRUCTED WITH 5000 PSI COMPRESSIVE STRENGTH CONCRETE.

SPECIFIC NOTES

1. SEE LANDSCAPE DETAILS FOR CONCRETE PLANTER/SEATING WALL.
2. NEW LIGHT POLE. SEE L410.
3. EDGE OF EASEMENT TO BE 7' AWAY FROM BACK OF PLAZA/SEATING WALL.



1 EGAN DRIVE AND CHENEGA AVENUE LANDSCAPE PLAN
L203 SCALE: 1" = 10'



LEGEND

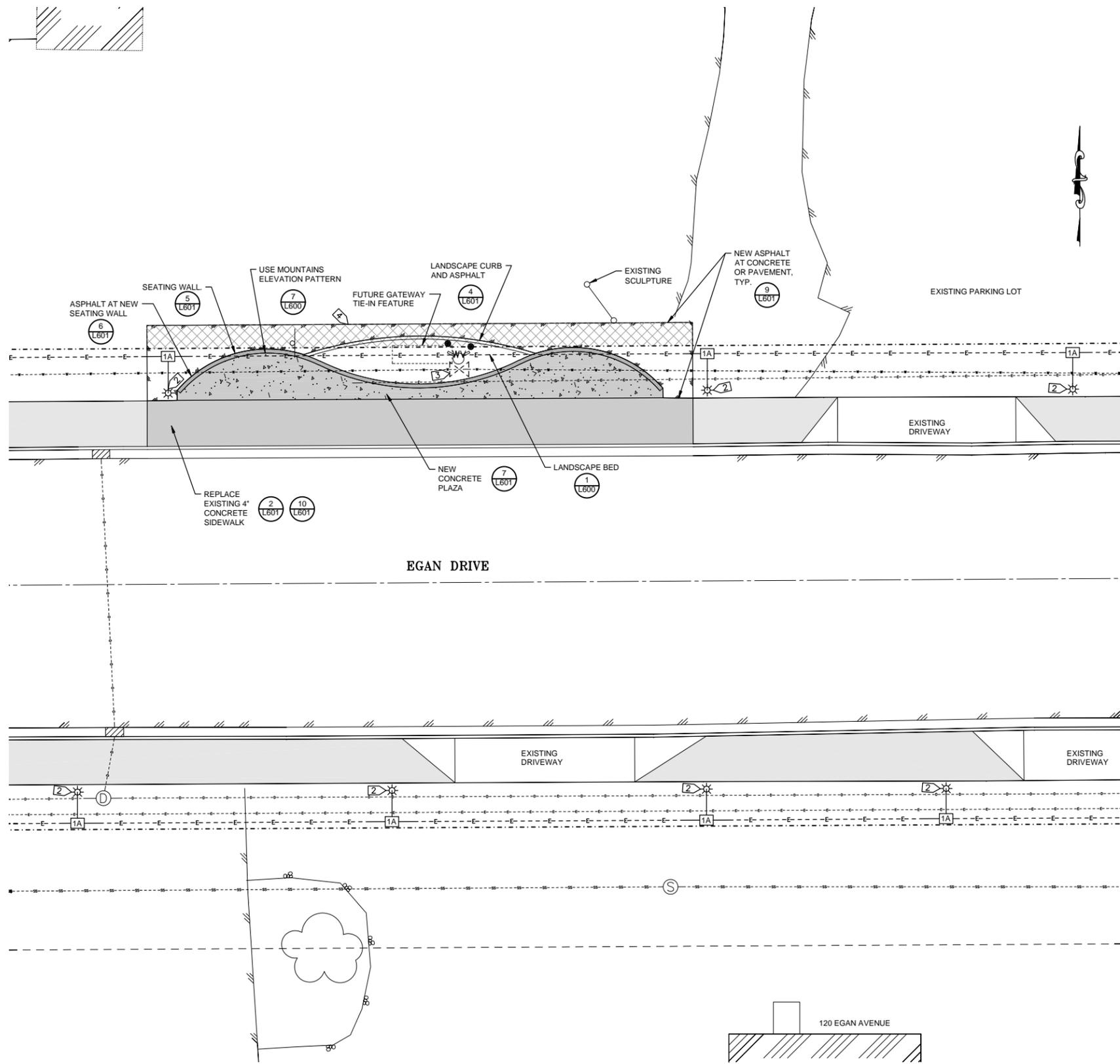
---	PROPOSED BEAUTIFICATION EASEMENT
—	COMPOSITE WOOD BED EDGING
▭	EXISTING SIDEWALK
▭	NEW CONCRETE SIDEWALK
▭	NEW COLORED CONCRETE SIDEWALK
▭	CONCRETE PLANTER AND SEATING WALL
▲	MAG NAIL SET THIS SURVEY
●	AK DOT R.O.W. MONUMENT IN CASING
⊕	POWER POLE W/ GUY ANCHOR
*	LIGHT POLE
⊕	FIRE HYDRANT
⊕	WATER VALVE
⊕	SEWER MANHOLE
⊕	STORM DRAIN MANHOLE
⊕	ELECTRIC TRANSFORMER
⊕	TELEPHONE PEDESTAL
⊕	UTILITY J-BOX
⊕	SIGN
—	BURIED WATER LINE
—	BURIED SEWER LINE
—	OVERHEAD POWER LINE
—	BURIED STORM DRAIN LINE
—	BURIED POWER LINE
—	EDGE OF GRAVEL
—	EDGE OF ASPHALT
---	RIGHT OF WAY LINE
▭	PROPOSED NEW EASEMENT
▭	BUILDING PERIMETER

GENERAL NOTES

- ALL NEW CONCRETE SITE WORK SHALL BE CONSTRUCTED WITH 5000 PSI COMPRESSIVE STRENGTH CONCRETE.

SPECIFIC NOTES

- SEE LANDSCAPE DETAILS FOR CONCRETE PLAZA/SEATING WALL.
- NEW LIGHT POLE. SEE L410.
- REINSTALL EXISTING VALVE BOX EXTENSIONS AND COVER. SEE 1/L602.
- EDGE OF EASEMENT 2' AWAY FROM CURB MIN AND PARALLEL TO EDGE OF NEW SIDEWALK.



1 EGAN DRIVE BETWEEN CHENEGA AVENUE AND MEALS AVENUE LANDSCAPE PLAN
L204 SCALE: 1" = 10'

**VALDEZ
EGAN DRIVE
ENHANCEMENT
PROJECT -
CIP
310-1150-58000**

ISSUE DATE 22 JUL 2015
COMM. NUMBER 001419
DESIGNED BY JRR
DRAWN BY EBC
SCALE 0" = 1"

**EGAN DRIVE
BETWEEN CHENEGA
AVENUE AND MEALS
AVENUE LANDSCAPE
PLAN**

L204



LEGEND	
---	PROPOSED BEAUTIFICATION EASEMENT
---	COMPOSITE WOOD BED EDGING
---	EXISTING SIDEWALK
---	NEW CONCRETE SIDEWALK
---	NEW COLORED CONCRETE SIDEWALK
---	CONCRETE PLANTER AND SEATING WALL
▲	MAG NAIL SET THIS SURVEY
○	AK DOT R.O.W. MONUMENT IN CASING
⊕	POWER POLE W/ GUY ANCHOR
⊙	LIGHT POLE
⊕	FIRE HYDRANT
⊕	WATER VALVE
⊕	SEWER MANHOLE
⊕	STORM DRAIN MANHOLE
⊕	ELECTRIC TRANSFORMER
⊕	TELEPHONE PEDESTAL
⊕	UTILITY J-BOX
⊕	SIGN
---	BURIED WATER LINE
---	BURIED SEWER LINE
---	OVERHEAD POWER LINE
---	BURIED STORM DRAIN LINE
---	BURIED POWER LINE
---	EDGE OF GRAVEL
---	EDGE OF ASPHALT
---	RIGHT OF WAY LINE
---	PROPOSED NEW EASEMENT
---	BUILDING PERIMETER

GENERAL NOTES

- USE SEA CREATURE PATTERN ON FACE OF PLANTERS. SEE 6/L600.
- MAINTAIN A MINIMUM 3' CLEARANCE AT TOP AND SIDES OF RAMP WHEN PLACING PRECAST PLANTERS.
- ALL NEW CONCRETE SITE WORK SHALL BE CONSTRUCTED WITH 5000 PSI COMPRESSIVE STRENGTH CONCRETE.

SPECIFIC NOTES

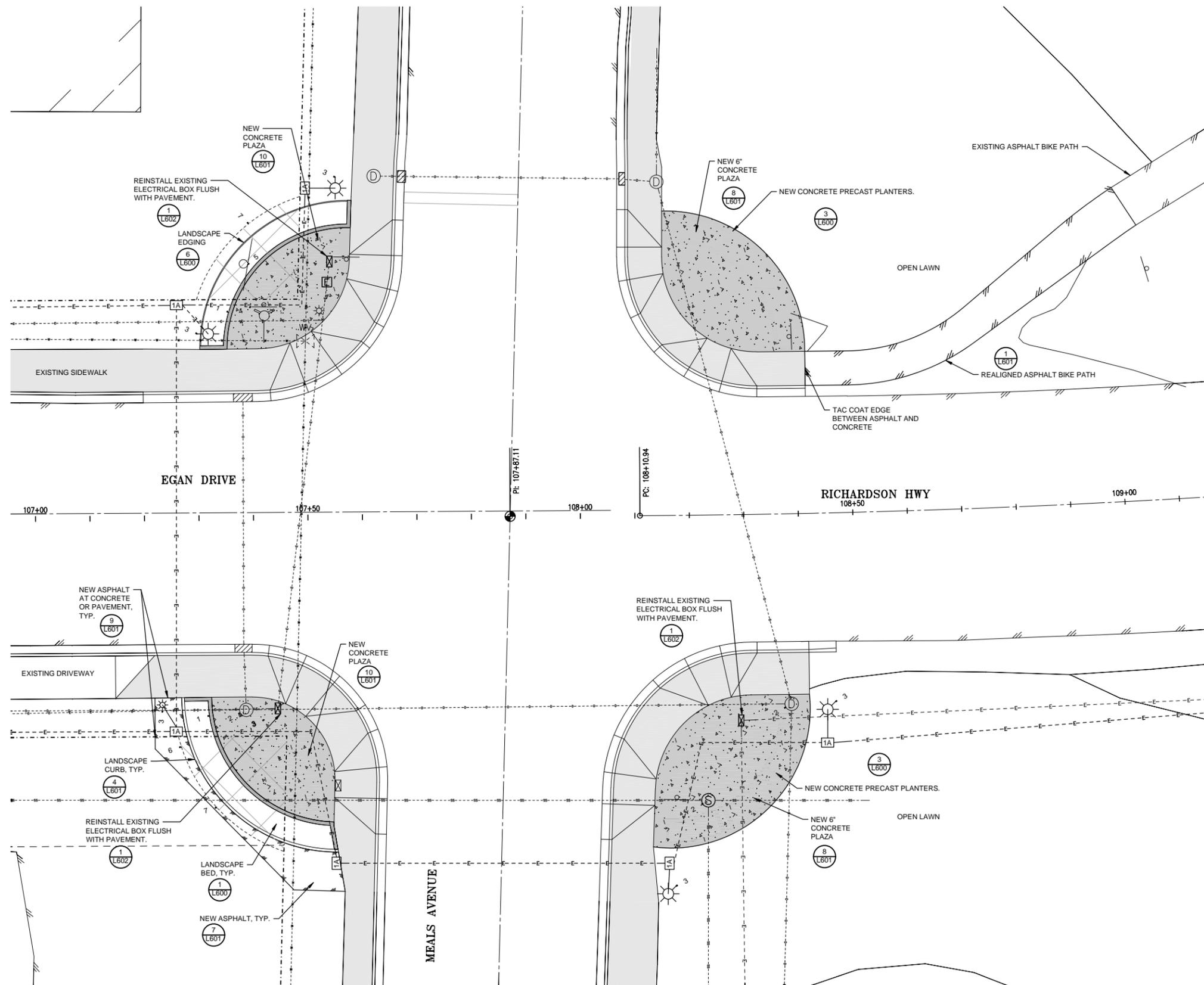
- SEE LANDSCAPE DETAILS FOR CONCRETE PLAZA/SEATING WALL.
- REINSTALL EXISTING MANHOLE FRAME AND LID FLUSH WITH NEW SURFACE. SEE 2/L602.
- NEW LIGHT POLE. SEE L410.
- REINSTALL EXISTING SIGN. SEE 5/L602.
- PROTECT EXISTING SIGN.
- EDGE OF EASEMENT TO BE 2' AWAY FROM CURB.
- EDGE OF EASEMENT TO BE 7' AWAY FROM BACK OF PLAZA/SEATING WALL.

VALDEZ EGAN DRIVE ENHANCEMENT PROJECT - CIP # 310-1150-58000

ISSUE DATE 22 JUL 2015
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SCALE 0" = 1"

EGAN DRIVE AND MEALS AVENUE LANDSCAPE PLAN

L205



1 EGAN DRIVE AND MEALS AVENUE LANDSCAPE PLAN
L205 SCALE: 1" = 10'



LEGEND

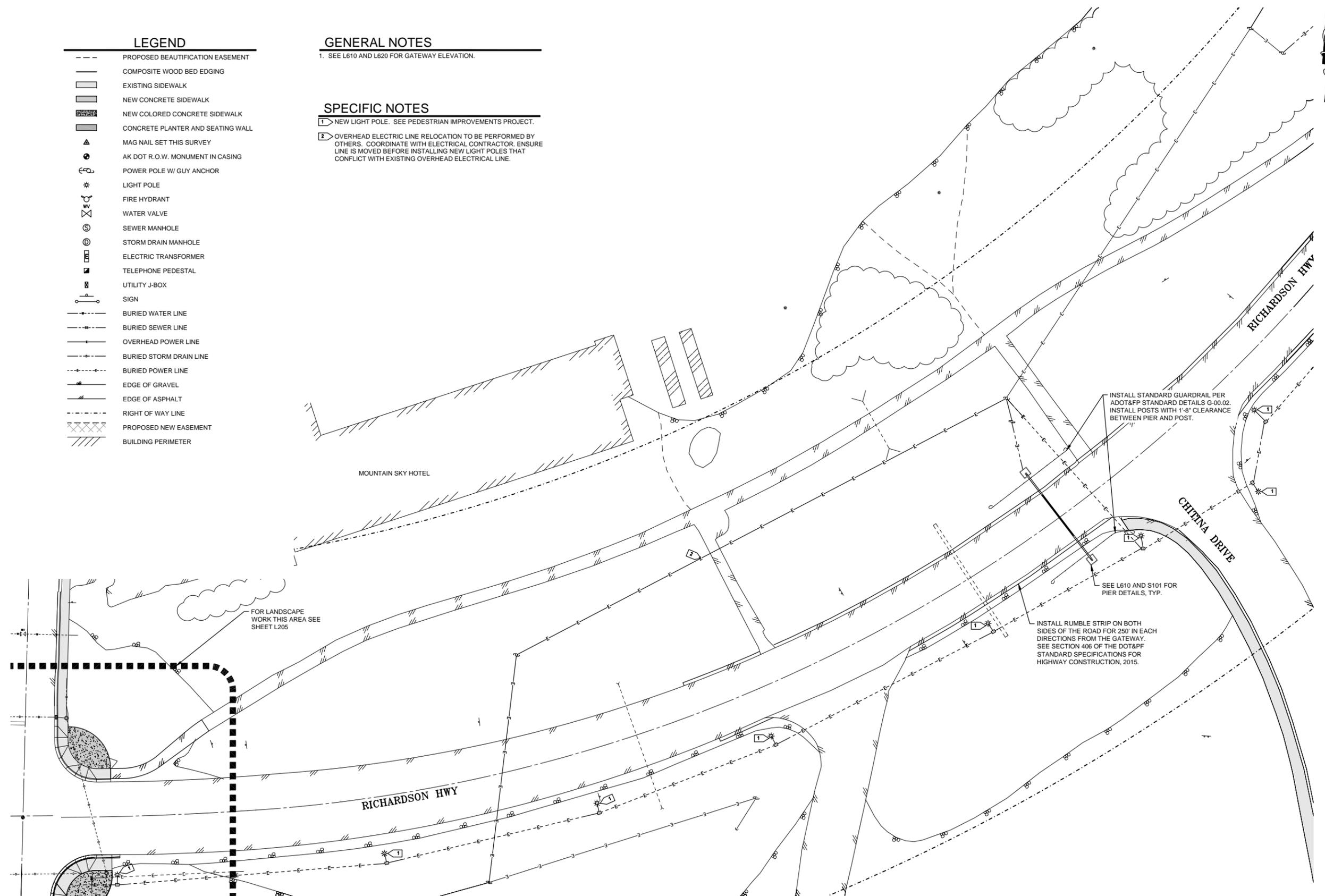
- PROPOSED BEAUTIFICATION EASEMENT
- COMPOSITE WOOD BED EDGING
- ▭ EXISTING SIDEWALK
- ▭ NEW CONCRETE SIDEWALK
- ▭ NEW COLORED CONCRETE SIDEWALK
- ▭ CONCRETE PLANTER AND SEATING WALL
- ▲ MAG NAIL SET THIS SURVEY
- AK DOT R.O.W. MONUMENT IN CASING
- ⊕ POWER POLE W/ GUY ANCHOR
- * LIGHT POLE
- ⊕ FIRE HYDRANT
- ⊕ WATER VALVE
- ⊕ SEWER MANHOLE
- ⊕ STORM DRAIN MANHOLE
- ⊕ ELECTRIC TRANSFORMER
- ⊕ TELEPHONE PEDESTAL
- ⊕ UTILITY J-BOX
- ⊕ SIGN
- BURIED WATER LINE
- BURIED SEWER LINE
- OVERHEAD POWER LINE
- BURIED STORM DRAIN LINE
- BURIED POWER LINE
- EDGE OF GRAVEL
- EDGE OF ASPHALT
- RIGHT OF WAY LINE
- ▨ PROPOSED NEW EASEMENT
- ▨ BUILDING PERIMETER

GENERAL NOTES

1. SEE L610 AND L620 FOR GATEWAY ELEVATION.

SPECIFIC NOTES

1. NEW LIGHT POLE. SEE PEDESTRIAN IMPROVEMENTS PROJECT.
2. OVERHEAD ELECTRIC LINE RELOCATION TO BE PERFORMED BY OTHERS. COORDINATE WITH ELECTRICAL CONTRACTOR. ENSURE LINE IS MOVED BEFORE INSTALLING NEW LIGHT POLES THAT CONFLICT WITH EXISTING OVERHEAD ELECTRICAL LINE.



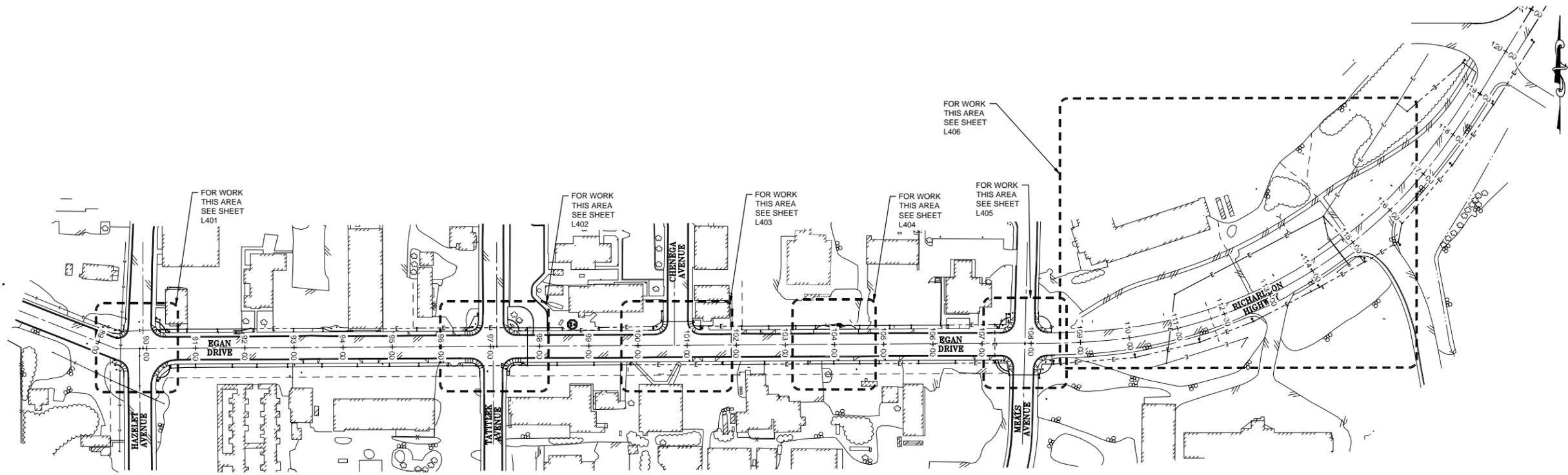
1 RICHARDSON HIGHWAY PROPOSED SITE PLAN
L206 SCALE: 1" = 30'

VALDEZ
EGAN DRIVE
ENHANCEMENT
PROJECT -
CIP
310-1150-58000

ISSUE DATE 22 JUL 2015
COMM. NUMBER 001419
DESIGNED BY NJD
DRAWN BY JAR
SCALE 0" = 1"

RICHARDSON
HIGHWAY PROPOSED
SITE PLAN

L206



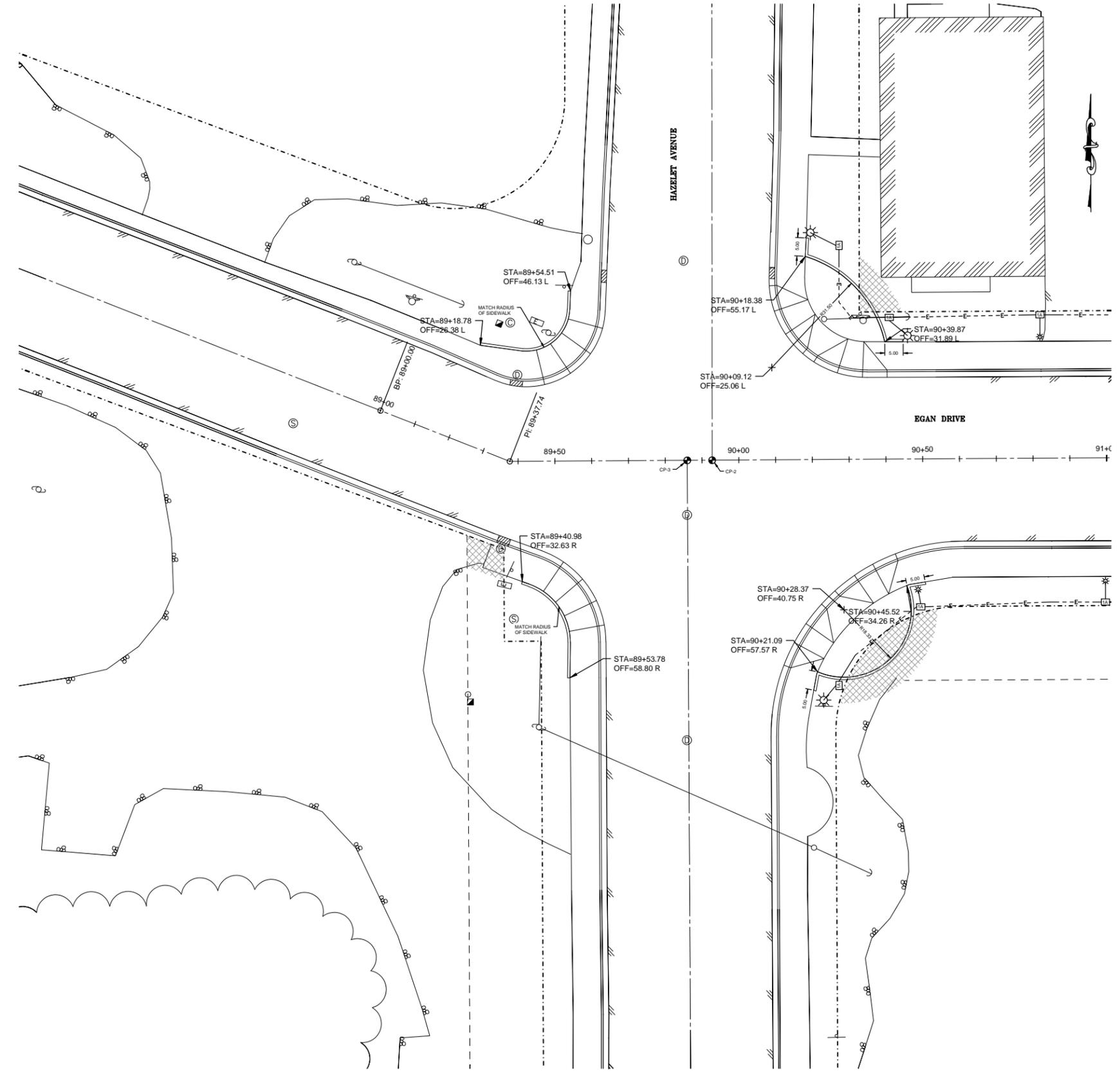
1 PROPOSED SITE STAKING KEY PLAN
L400 SCALE: 1" = 120'

VALDEZ
EGAN DRIVE
ENHANCEMENT
PROJECT -
CIP
310-1150-58000

ISSUE DATE 22 JUL 2015
COMM. NUMBER 001419
DESIGNED BY NJD
DRAWN BY JAR
SCALE 0" = 1"

PROPOSED SITE
STAKING KEY PLAN

L400



1 EGAN DRIVE AND HAZELET AVENUE PROPOSED SITE STAKING PLAN
L401 SCALE: 1" = 10'

GENERAL NOTES

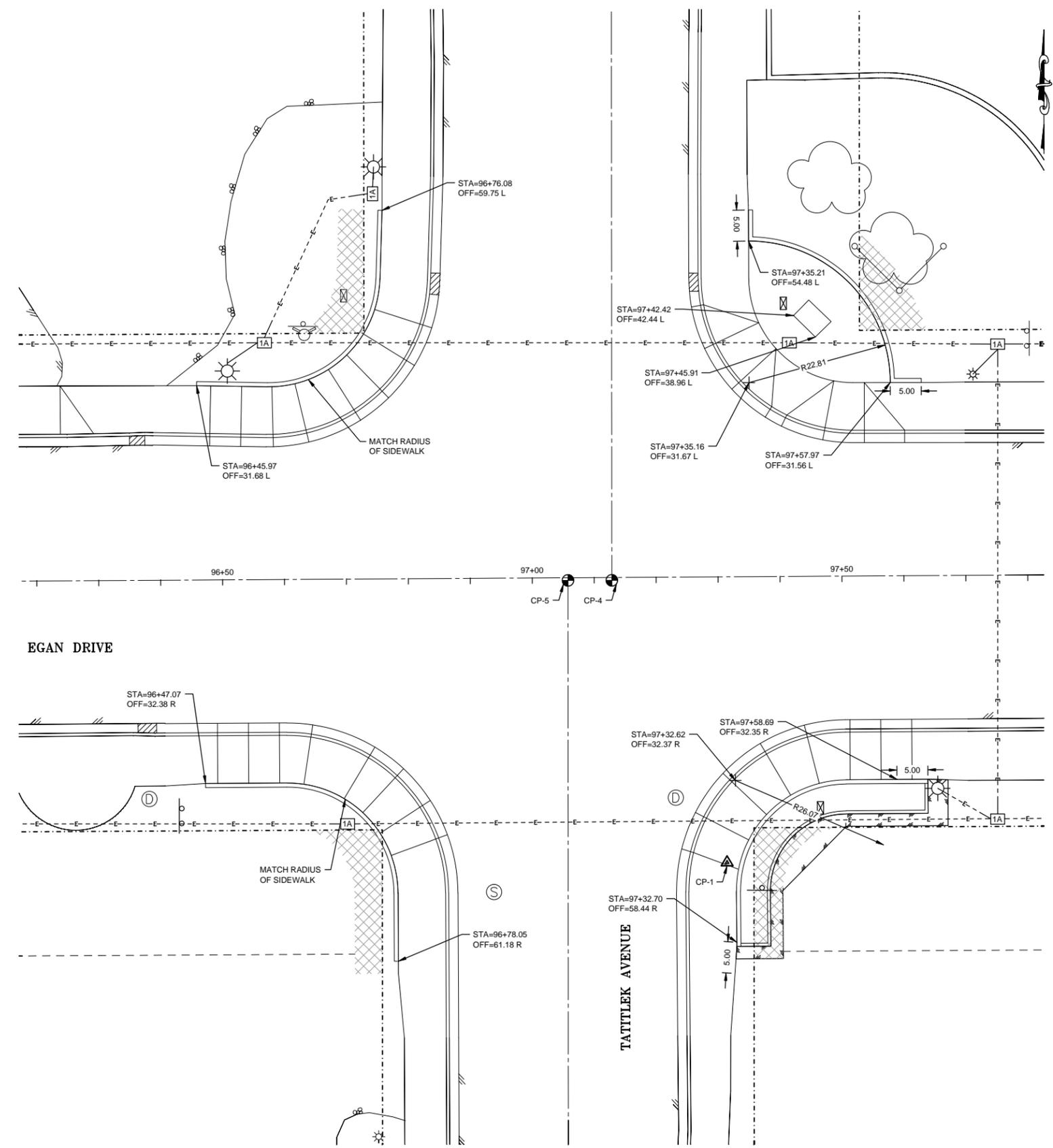
1. MAINTAIN A MINIMUM SEPARATION OF 38" BETWEEN CURB RAMP AND SEATING WALL. PM TO APPROVE LOCATION PRIOR TO CONSTRUCTION.
2. CONSTRUCT WALL TO FOLLOW EDGE OF SIDEWALK OR PLAZA, AS APPLICABLE.
3. WINGWALL OF SEATWALL TO FOLLOW SIDEWALK OR BE PERPENDICULAR, AS SHOWN.

VALDEZ EGAN DRIVE ENHANCEMENT PROJECT - CIP # 310-1150-58000

ISSUE DATE 22 JUL 2015
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SCALE 0" = 1"

EGAN DRIVE AND HAZELET AVENUE PROPOSED SITE STAKING PLAN

L401



EGAN DRIVE

TATITLEK AVENUE

1 EGAN DRIVE AND TATITLEK AVENUE PROPOSED SITE STAKING PLAN
L402 SCALE: 1" = 10'

GENERAL NOTES

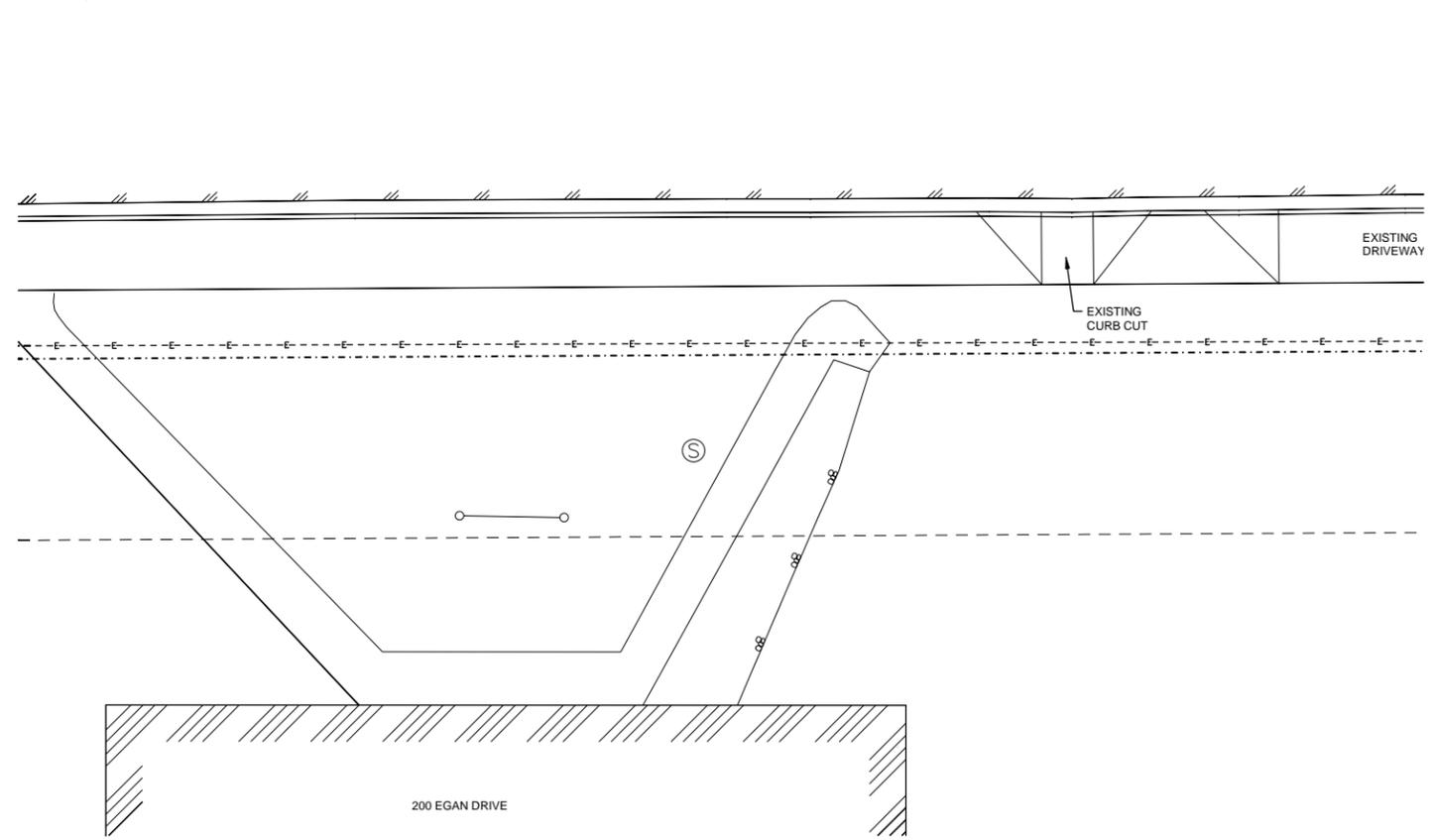
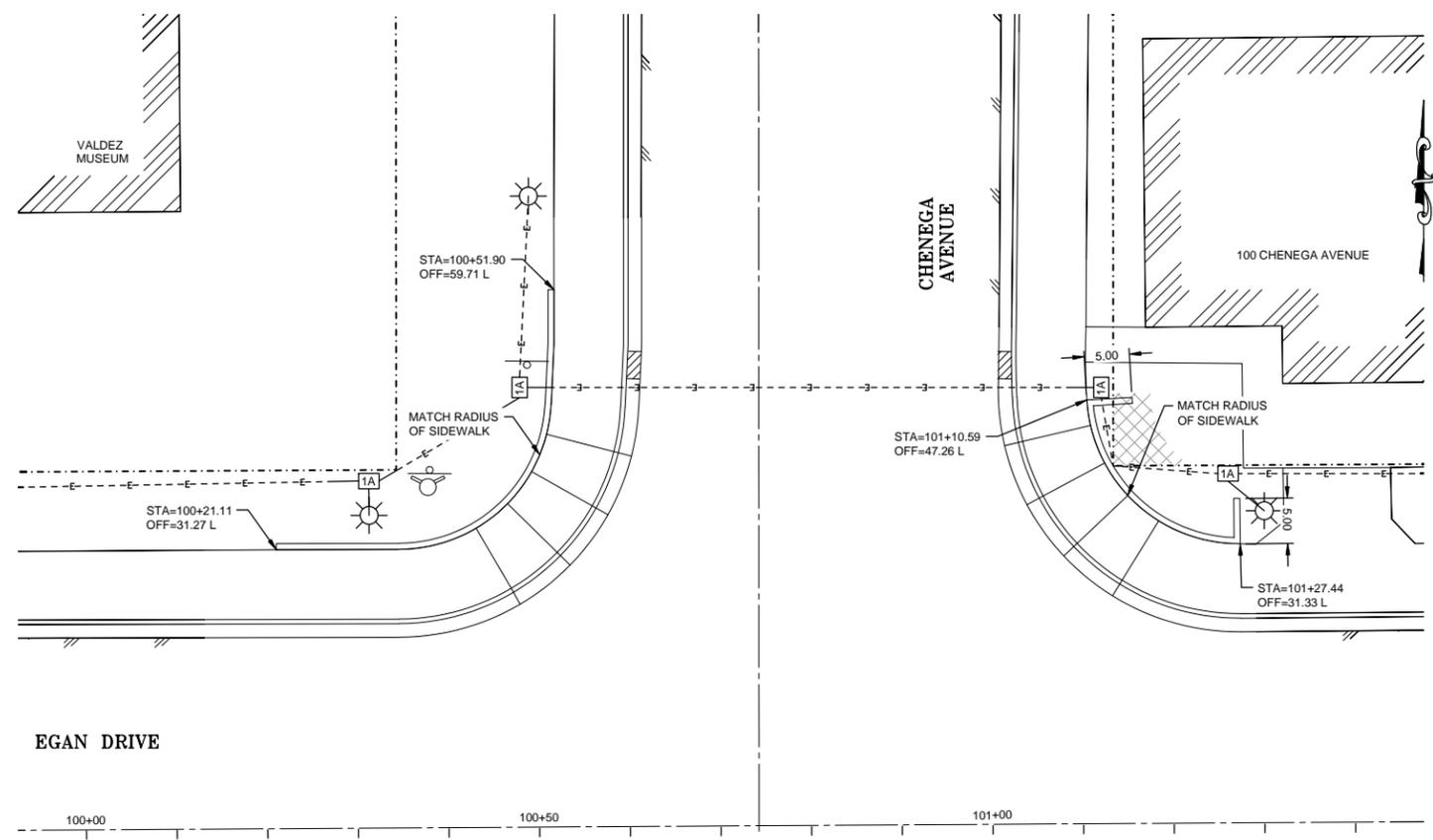
1. MAINTAIN A MINIMUM SEPARATION OF 38" BETWEEN CURB RAMP AND SEATING WALL. PM TO APPROVE LOCATION PRIOR TO CONSTRUCTION.
2. CONSTRUCT WALL TO FOLLOW EDGE OF SIDEWALK OR PLAZA, AS APPLICABLE.
3. WINGWALL OF SEATWALL TO FOLLOW SIDEWALK OR BE PERPENDICULAR, AS SHOWN.

**VALDEZ
EGAN DRIVE
ENHANCEMENT
PROJECT -
CIP
310-1150-58000**

ISSUE DATE 22 JUL 2015
COMM. NUMBER 001419
DESIGNED BY NJD
DRAWN BY JAR
SCALE 0" = 1"

**EGAN DRIVE AND
TATITLEK AVENUE
PROPOSED SITE
STAKING PLAN**

L402



1 EGAN DRIVE AND CHENEGA AVENUE PROPOSED SITE STAKING PLAN
L403 SCALE: 1" = 10'

GENERAL NOTES

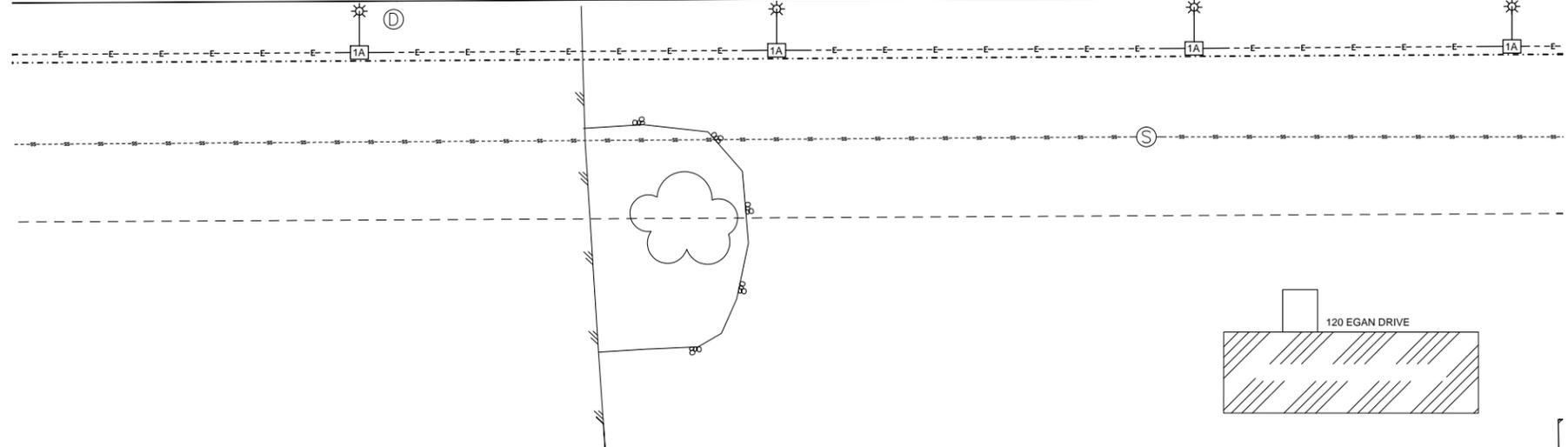
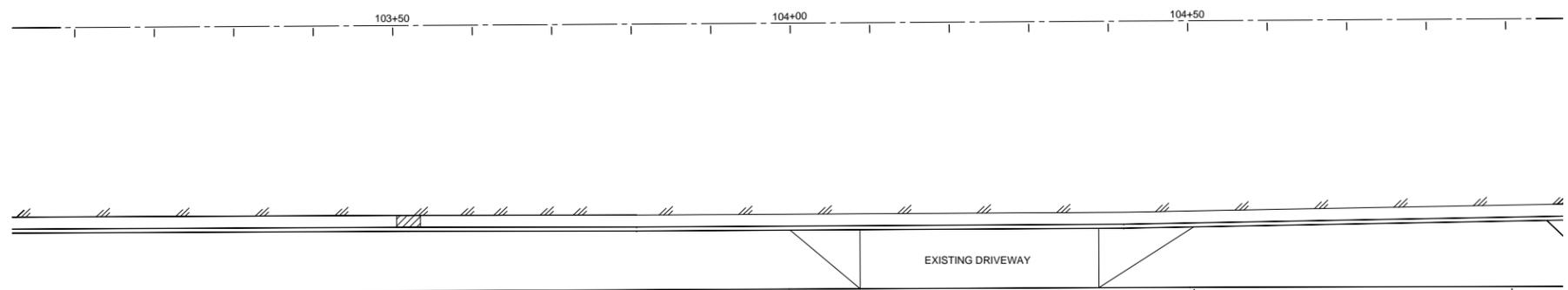
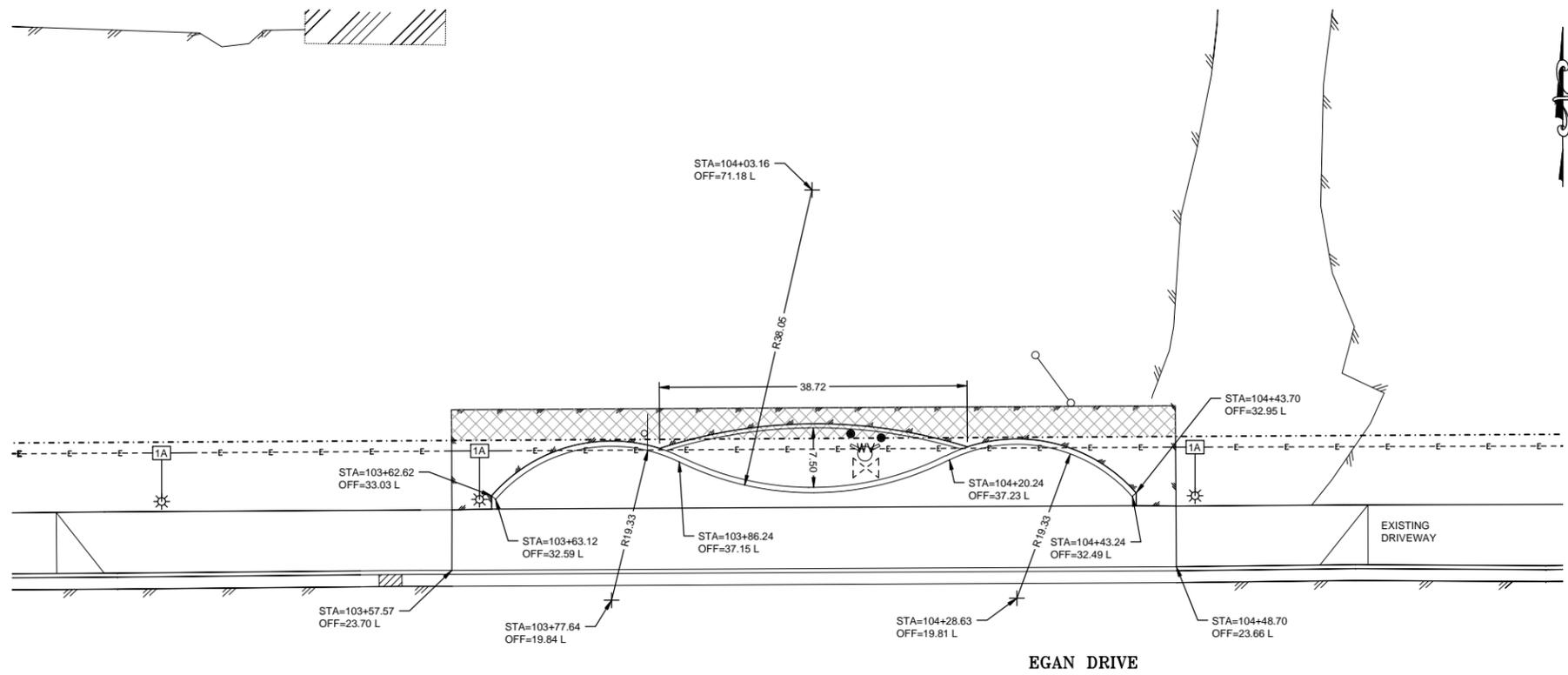
1. MAINTAIN A MINIMUM SEPARATION OF 38" BETWEEN CURB RAMP AND SEATING WALL. PM TO APPROVE LOCATION PRIOR TO CONSTRUCTION.
2. CONSTRUCT WALL TO FOLLOW EDGE OF SIDEWALK OR PLAZA, AS APPLICABLE.
3. WINGWALL OF SEATWALL TO FOLLOW SIDEWALK OR BE PERPENDICULAR, AS SHOWN.

**VALDEZ
EGAN DRIVE
ENHANCEMENT
PROJECT -
CIP
310-1150-58000**

ISSUE DATE 22 JUL 2015
COMM. NUMBER 001419
DESIGNED BY NJD
DRAWN BY JAR
SCALE 0" = 1"

**EGAN DRIVE AND
CHENEGA AVENUE
PROPOSED SITE
STAKING PLAN**

L403



1 EGAN DRIVE BETWEEN CHENEGA AVENUE AND MEALS AVENUE PROPOSED SITE STAKING PLAN
L404 SCALE: 1" = 10'

GENERAL NOTES

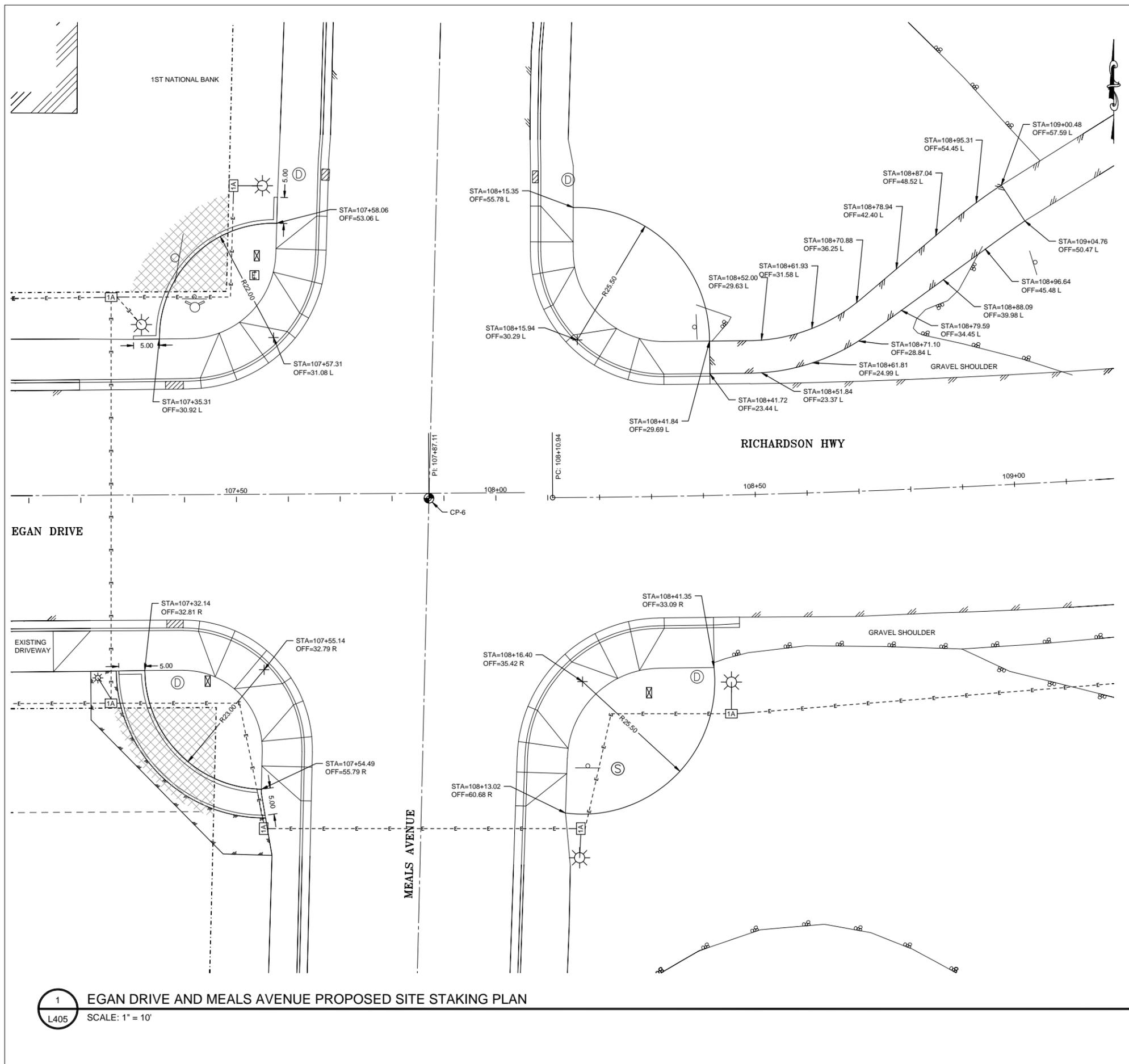
1. MAINTAIN A MINIMUM SEPARATION OF 36" BETWEEN CURB RAMP AND SEATING WALL. PM TO APPROVE LOCATION PRIOR TO CONSTRUCTION.
2. CONSTRUCT WALL TO FOLLOW EDGE OF PLAZA, AS APPLICABLE.

**VALDEZ
EGAN DRIVE
ENHANCEMENT
PROJECT -
CIP
310-1150-58000**

ISSUE DATE 22 JUL 2015
COMM. NUMBER 001419
DESIGNED BY NJD
DRAWN BY JAR
SCALE 0" = 1"

**EGAN DRIVE
BETWEEN CHENEGA
AVENUE AND MEALS
AVENUE PROPOSED
SITE STAKING PLAN**

L404



GENERAL NOTES

1. MAINTAIN A MINIMUM SEPARATION OF 38" BETWEEN CURB RAMP AND SEATING WALL. PM TO APPROVE LOCATION PRIOR TO CONSTRUCTION.
2. EDGE OF PLAZAS AND WALLS ARE MEASURED FROM THE INSIDE TOP OF RAMP.
3. CONSTRUCT WALL TO FOLLOW EDGE OF SIDEWALK OR PLAZA, AS APPLICABLE.
4. WINGWALL OF SEATWALL TO BE PERPENDICULAR OR PARALLEL TO SIDEWALK, AS APPLICABLE.

1 EGAN DRIVE AND MEALS AVENUE PROPOSED SITE STAKING PLAN
L405 SCALE: 1" = 10'

VALDEZ
EGAN DRIVE
ENHANCEMENT
PROJECT -
CIP
310-1150-58000

ISSUE DATE 22 JUL 2015
COMM. NUMBER 001419
DESIGNED BY NJD
DRAWN BY JAR
SCALE 0" = 1"

EGAN DRIVE AND
MEALS AVENUE
PROPOSED SITE
STAKING PLAN

L405



LEGEND

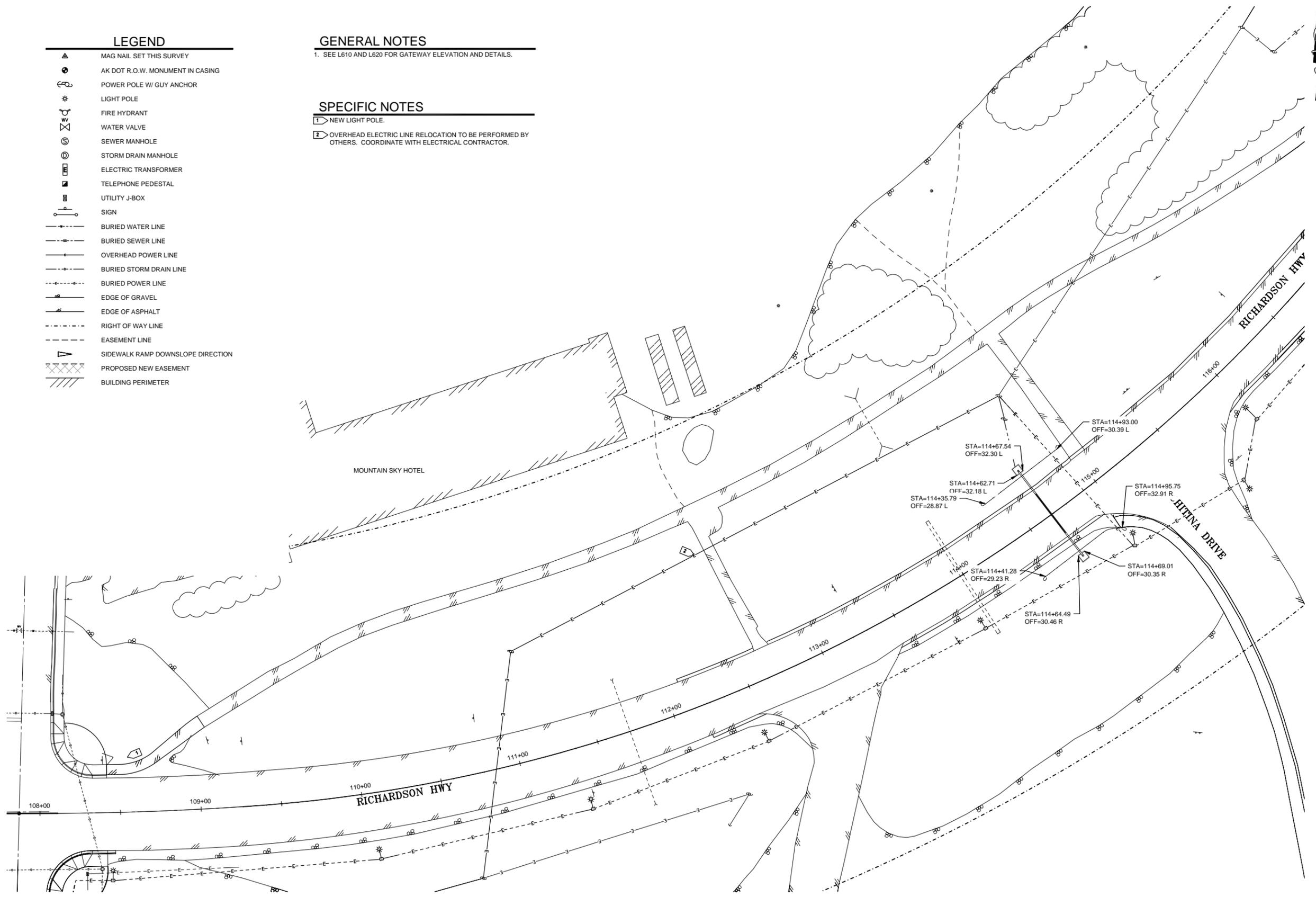
- ▲ MAG NAIL SET THIS SURVEY
- AK DOT R.O.W. MONUMENT IN CASING
- ⊕ POWER POLE W/ GUY ANCHOR
- * LIGHT POLE
- ⊕ FIRE HYDRANT
- ⊕ WATER VALVE
- ⊕ SEWER MANHOLE
- ⊕ STORM DRAIN MANHOLE
- ⊕ ELECTRIC TRANSFORMER
- ⊕ TELEPHONE PEDESTAL
- ⊕ UTILITY J-BOX
- ⊕ SIGN
- BURIED WATER LINE
- BURIED SEWER LINE
- OVERHEAD POWER LINE
- BURIED STORM DRAIN LINE
- BURIED POWER LINE
- EDGE OF GRAVEL
- EDGE OF ASPHALT
- RIGHT OF WAY LINE
- EASEMENT LINE
- ▽ SIDEWALK RAMP DOWNSLOPE DIRECTION
- ▨ PROPOSED NEW EASEMENT
- ▨ BUILDING PERIMETER

GENERAL NOTES

1. SEE L610 AND L620 FOR GATEWAY ELEVATION AND DETAILS.

SPECIFIC NOTES

1. NEW LIGHT POLE.
2. OVERHEAD ELECTRIC LINE RELOCATION TO BE PERFORMED BY OTHERS. COORDINATE WITH ELECTRICAL CONTRACTOR.



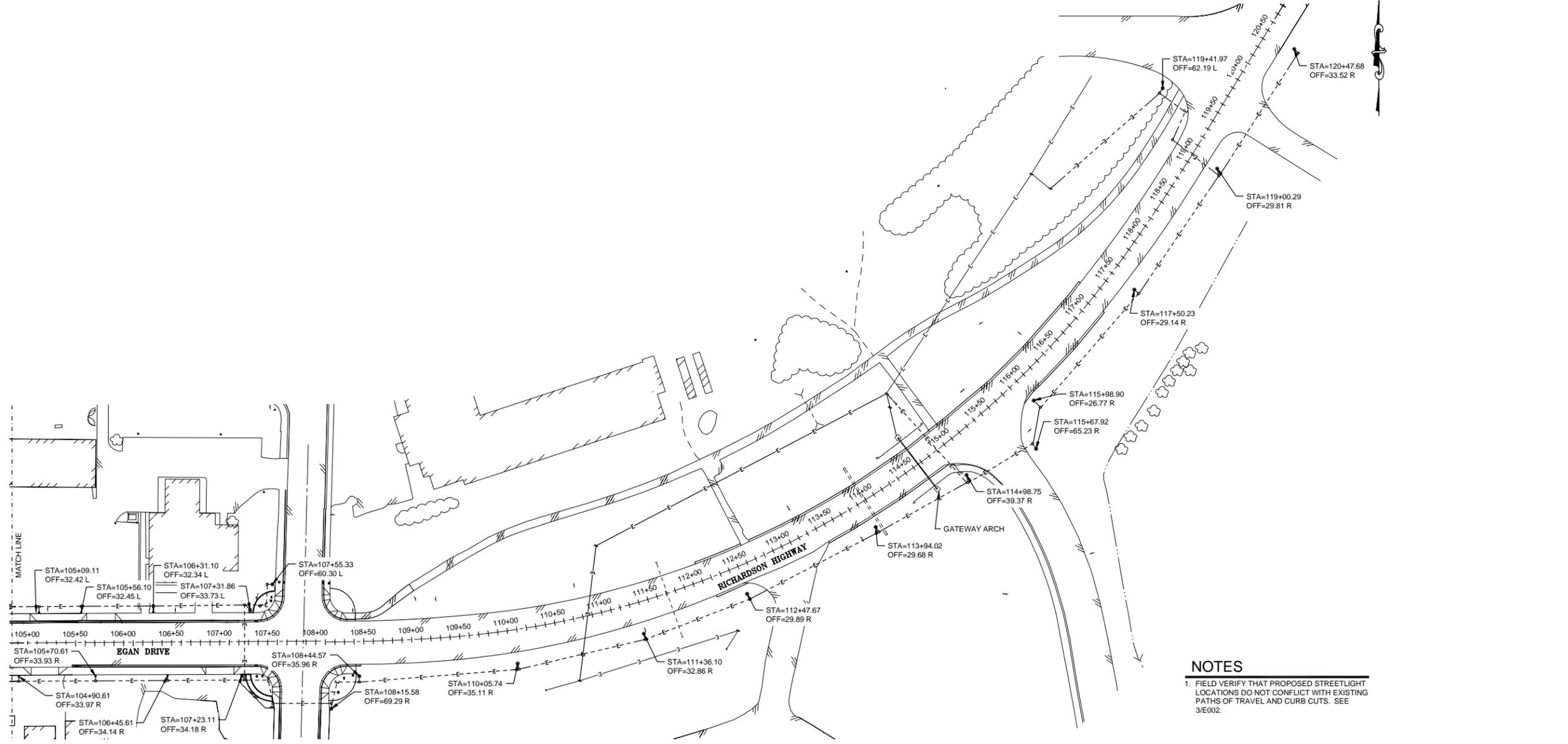
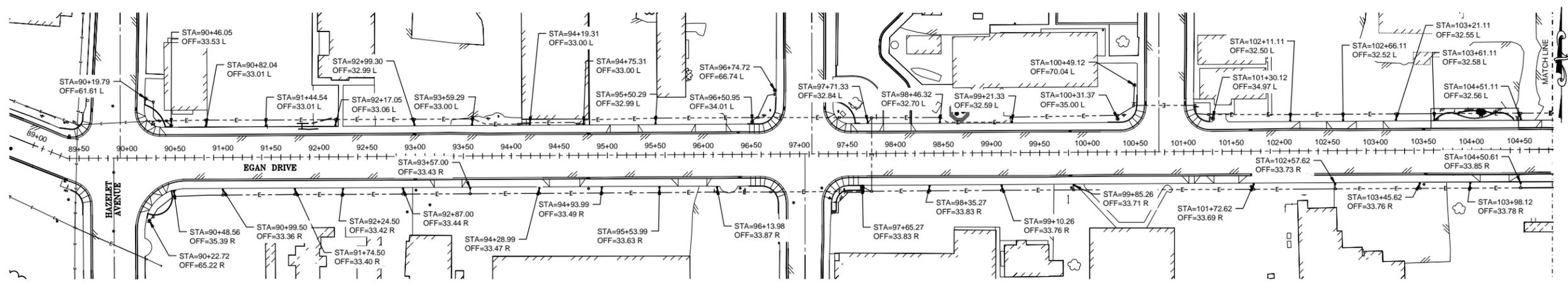
**VALDEZ
EGAN DRIVE
ENHANCEMENT
PROJECT -
CIP
310-1150-58000**

ISSUE DATE 22 JUL 2015
COMM. NUMBER 001419
DESIGNED BY NJD
DRAWN BY JAR
SCALE 0" = 1"

**RICHARDSON
HIGHWAY PROPOSED
SITE PLAN**

1 RICHARDSON HIGHWAY PROPOSED SITE PLAN
L406 SCALE: 1" = 30'

L406



NOTES

1. FIELD VERIFY THAT PROPOSED STREETLIGHT LOCATIONS DO NOT CONFLICT WITH EXISTING PATHS OF TRAVEL AND CURB CUTS. SEE 3/E002.

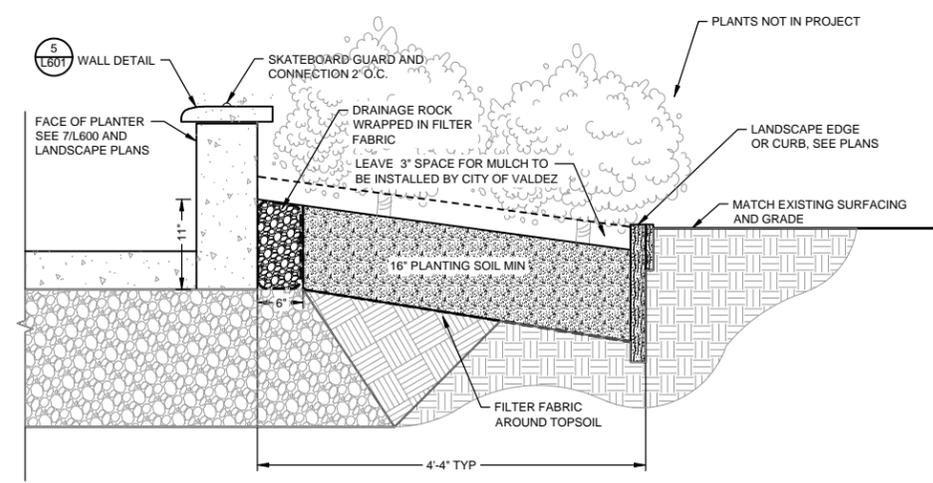
1 STREETLIGHT LAYOUT PLAN
 L410 1" = 60'

**VALDEZ
 EGAN DRIVE
 ENHANCEMENT
 PROJECT -
 CIP
 # 310-1150-58000**

ISSUE DATE 22 JUL 2015
 COMM. NUMBER 001419
 DESIGNED BY ETJ
 DRAWN BY EBC
 SCALE 0" = 1"

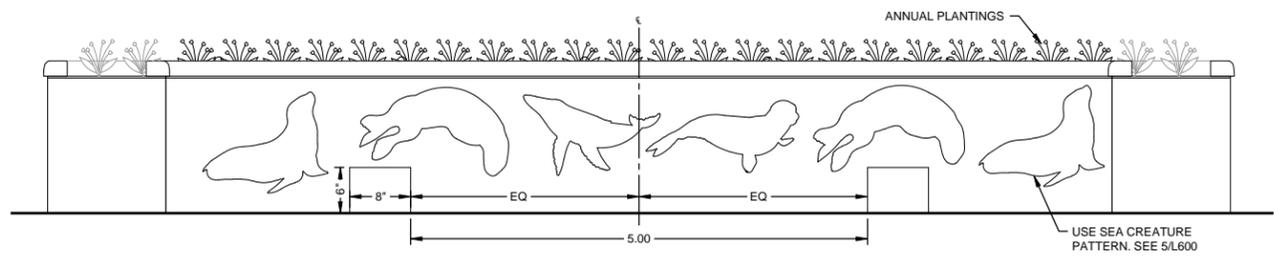
**STREETLIGHT
 STAKING PLAN**

L410

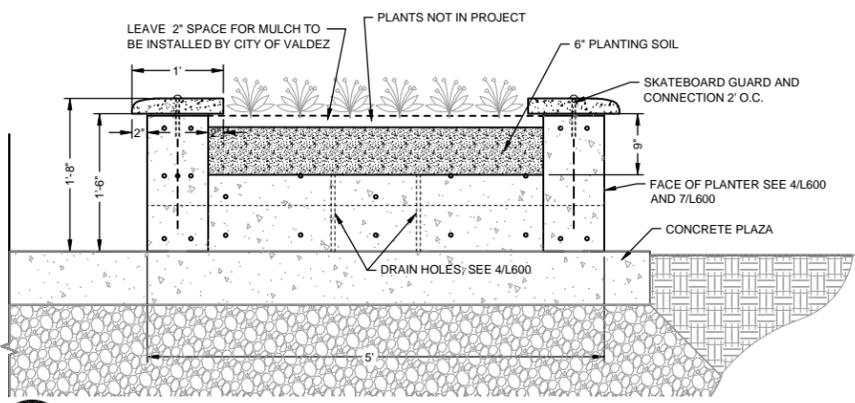


NOTE: CONTRACTOR TO FURNISH ALL MULCH AND COORDINATE STORAGE WITH CITY OF VALDEZ.

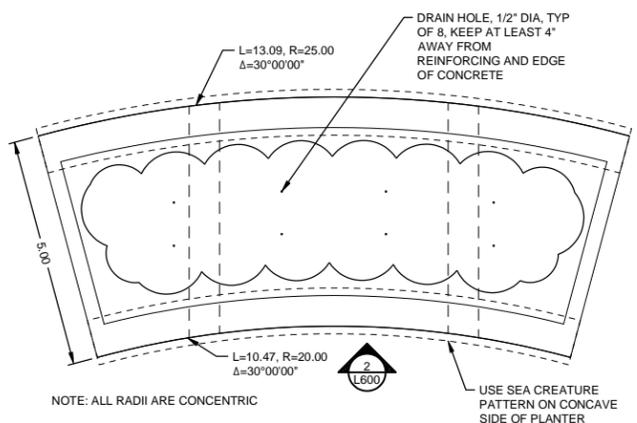
1 LANDSCAPE BED
L600 SCALE: 1" = 1'



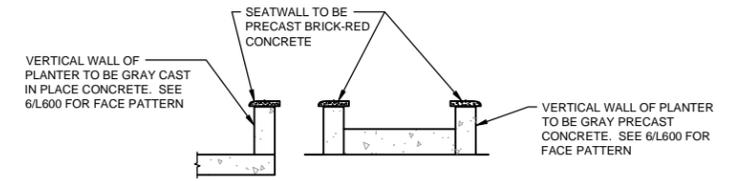
2 PRECAST PLANTER AND SEATING WALL ELEVATION
L600 SCALE: 1" = 1'



3 PRECAST PLANTER AND SEATING WALL DETAIL
L600 SCALE: 1" = 1'

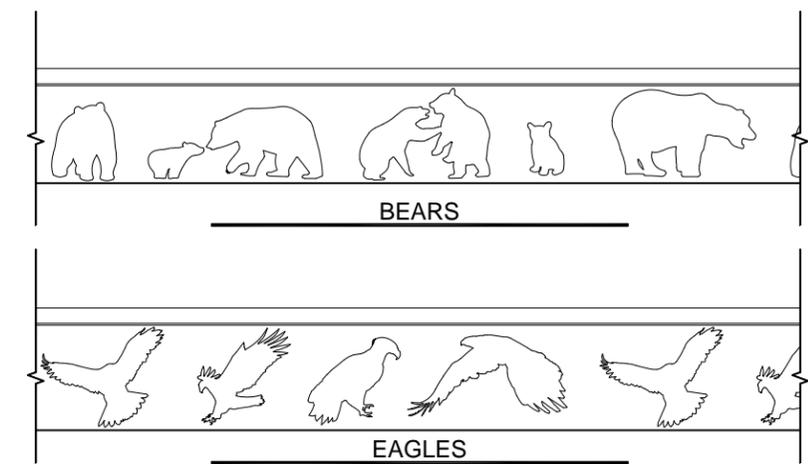


4 PRECAST PLANTER AND SEATING WALL PLAN
L600 NO SCALE

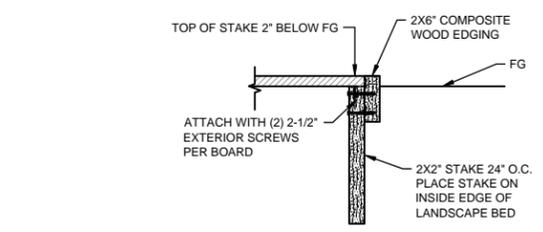
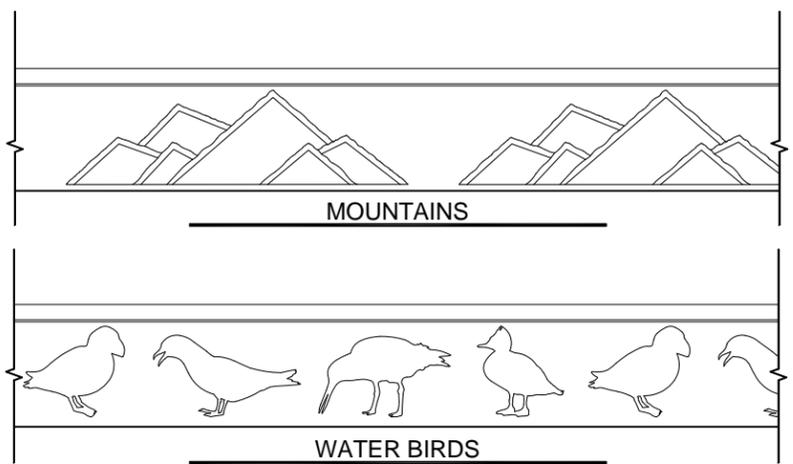


5 SEATING WALL COLORS SECTION
L600 NO SCALE

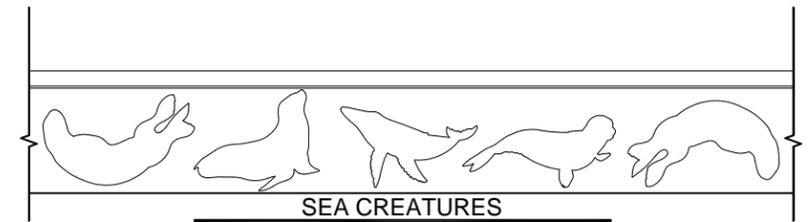
NOTE: ALL NEW PLAZAS TO BE CAST IN BRICK-RED CONCRETE



7 PLANTER ELEVATIONS
L600 SCALE: 1" = 1'



6 LANDSCAPE EDGING
L600 NO SCALE

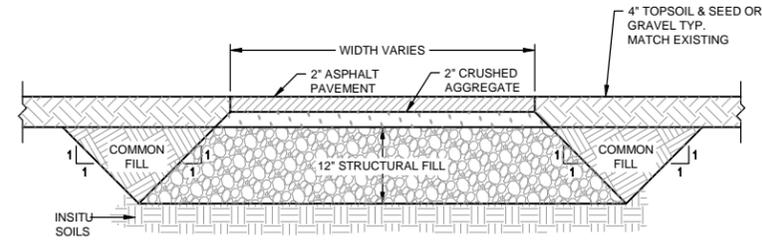


VALDEZ EGAN DRIVE ENHANCEMENT PROJECT - CIP
310-1150-58000

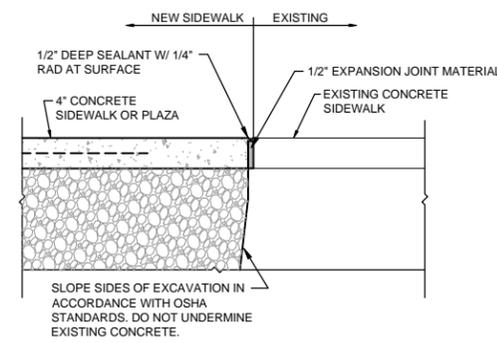
ISSUE DATE 22 JUL 2015
COMM. NUMBER 001419
DESIGNED BY JRR
DRAWN BY EBC
SCALE 0" = 1"

DETAILS

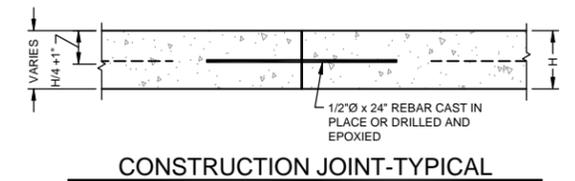
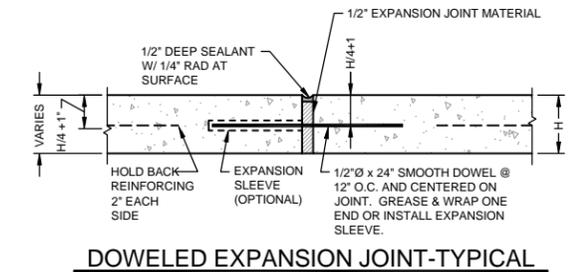
L600



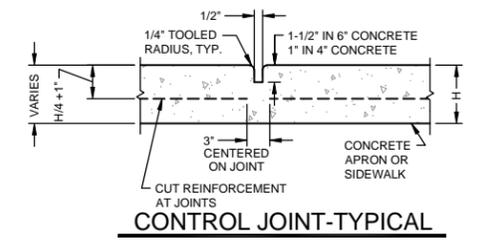
1 ASPHALT BIKE PATH
L601 NO SCALE



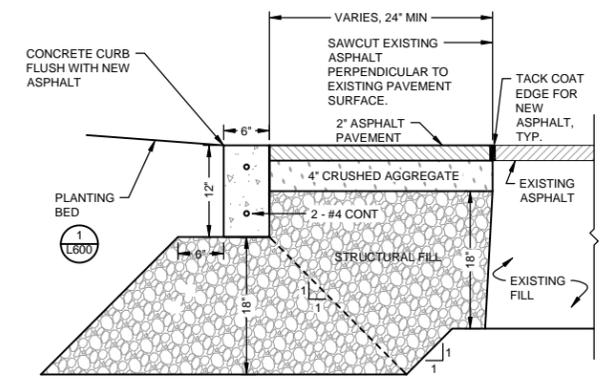
2 NEW TO EXISTING CONCRETE JOINT
L601 NO SCALE



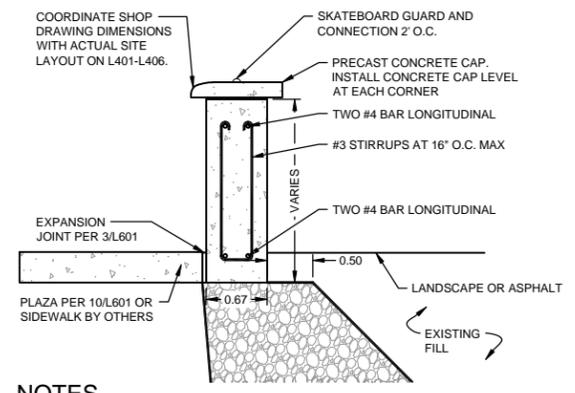
3 CONCRETE JOINTS
L601 NO SCALE



- NOTES**
1. PROVIDE 1/2" EXPANSION JOINTS EVERY 24' AND AT ANY CORNERS UNLESS OTHERWISE NOTED.
 2. PROVIDE CONTROL JOINTS TO MATCH CONCRETE WIDTH. MAINTAIN APPROXIMATELY SQUARE SECTIONS, MAX DIMENSIONS TO BE 10', OR AS DIRECTED.

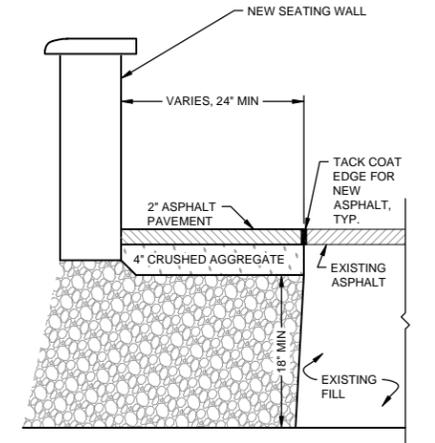


4 CURB BETWEEN PLANTER AND EXISTING ASPHALT
L601 NO SCALE

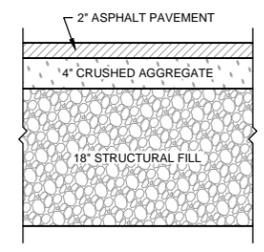


- NOTES**
1. TOP OF PRECAST CONCRETE CAP TO BE 16" AWAY FROM TOP OF ADJOINING SIDEWALK OR PLAZA. BOTTOM OF SEATING WALL TO MATCH BOTTOM OF ADJOINING SIDEWALK OR PLAZA. PRECAST CONCRETE CAP CAN BE UP TO 22" AWAY FROM BOTTOM OF RAMP.

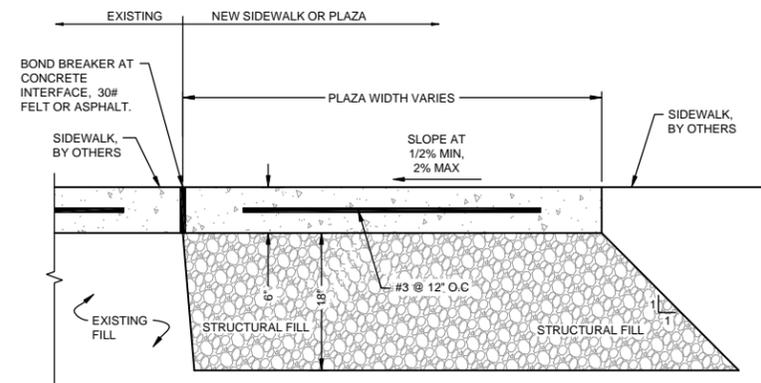
5 SEATING WALL DETAIL
L601 NO SCALE



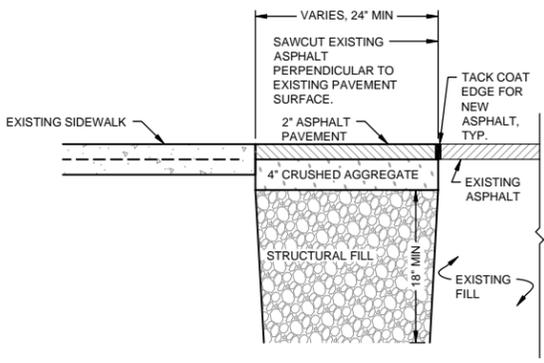
6 ASPHALT AT NEW SEATING WALL
L601 NO SCALE



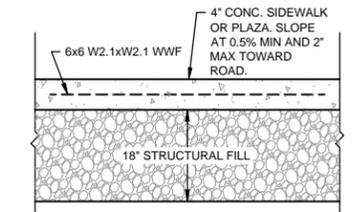
7 TYPICAL PAVEMENT SECTION
L601 NO SCALE



8 6" PLAZA
L601 NO SCALE



9 NEW ASPHALT AT EXISTING CONCRETE OR PAVEMENT
L601 NO SCALE



- NOTES**
1. PROVIDE 1/2" EXPANSION JOINTS EVERY 24' AND AT ANY CORNERS UNLESS OTHERWISE NOTED.
 2. PROVIDE CONTROL JOINTS AND MAINTAIN APPROXIMATELY SQUARE SECTIONS, MAX DIMENSIONS TO BE 10', OR AS DIRECTED.

10 TYPICAL CONCRETE SIDEWALK AND PLAZA
L601 NO SCALE

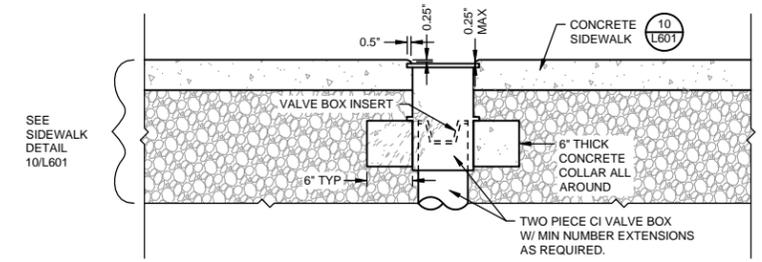
- GENERAL SHEET NOTES**
1. NEW ASPHALT TO MATCH SLOPE AND GRADE OF EXISTING ASPHALT.
 2. PROVIDE 1/2" EXPANSION JOINTS EVERY 24' OF CONCRETE AND AT ANY CORNERS UNLESS OTHERWISE NOTED.
 3. PROVIDE CONTROL JOINTS TO MATCH CONCRETE WIDTH. MAINTAIN APPROXIMATELY SQUARE SECTIONS, MAX DIMENSIONS TO BE 10', OR AS DIRECTED.
 4. SEE LANDSCAPE LAYOUT PLANS AND DETAILS FOR CONCRETE COLORATION AND FINISHES.

VALDEZ EGAN DRIVE ENHANCEMENT PROJECT - CIP #310-1150-58000

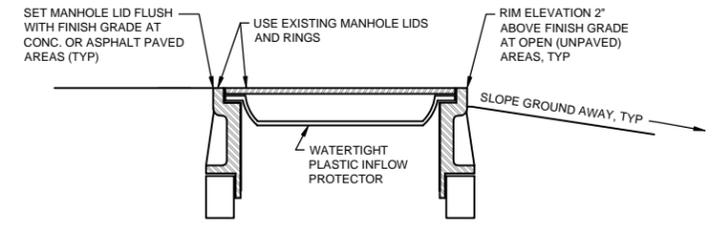
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CONCRETE AND ASPHALT DETAILS

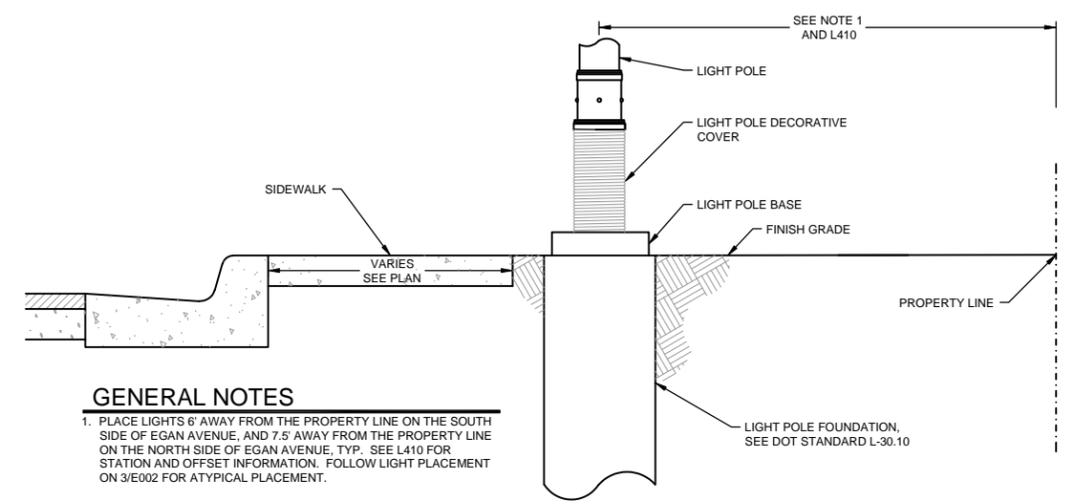
L601



1 VALVE BOX INSTALLATION
L602 NO SCALE



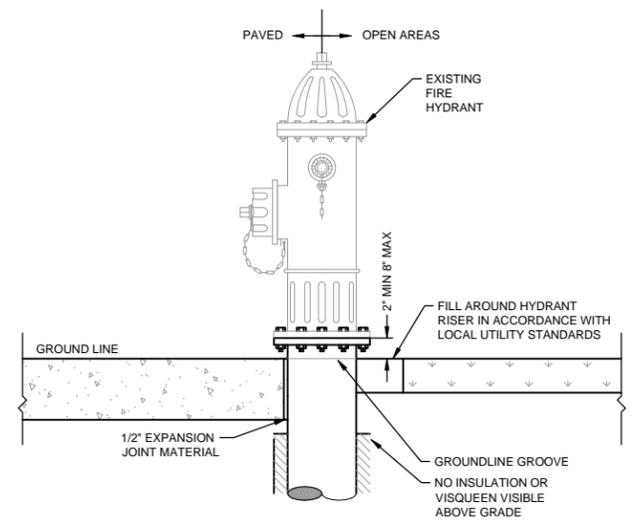
2 MANHOLE INSTALLATION
L602 NO SCALE



GENERAL NOTES

1. PLACE LIGHTS 6' AWAY FROM THE PROPERTY LINE ON THE SOUTH SIDE OF EGAN AVENUE, AND 7.5' AWAY FROM THE PROPERTY LINE ON THE NORTH SIDE OF EGAN AVENUE, TYP. SEE L410 FOR STATION AND OFFSET INFORMATION. FOLLOW LIGHT PLACEMENT ON 3/E002 FOR ATYPICAL PLACEMENT.

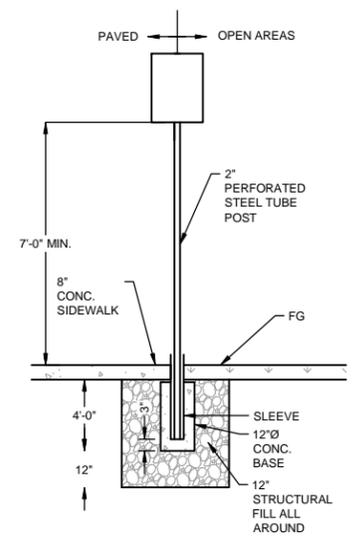
3 LIGHT PLACEMENT DETAIL
L602 NO SCALE



GENERAL NOTES

1. USE EXISTING BASE AND FLANGE.
2. EXCAVATION SHALL CONFORM TO OSHA STANDARDS.
3. ALL FIRE HYDRANTS SHALL BE PLUMB.
4. ALL FIRE HYDRANTS SHALL RECEIVE 3 LAYERS 6 MIL POLYETHYLENE SHEETING ALL AROUND BURIED BARREL PORTION.

4 HYDRANT DETAIL
L602 NO SCALE



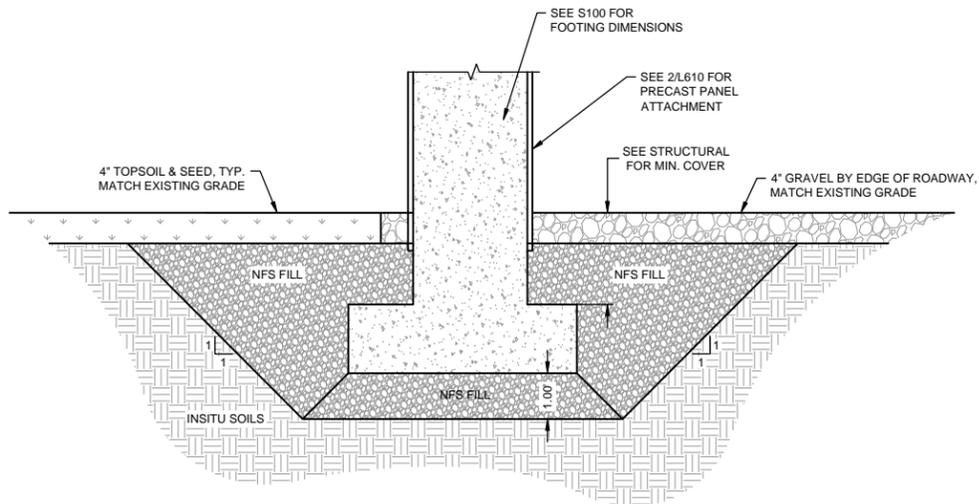
5 SIGN INSTALLATION DETAIL
L602 NO SCALE

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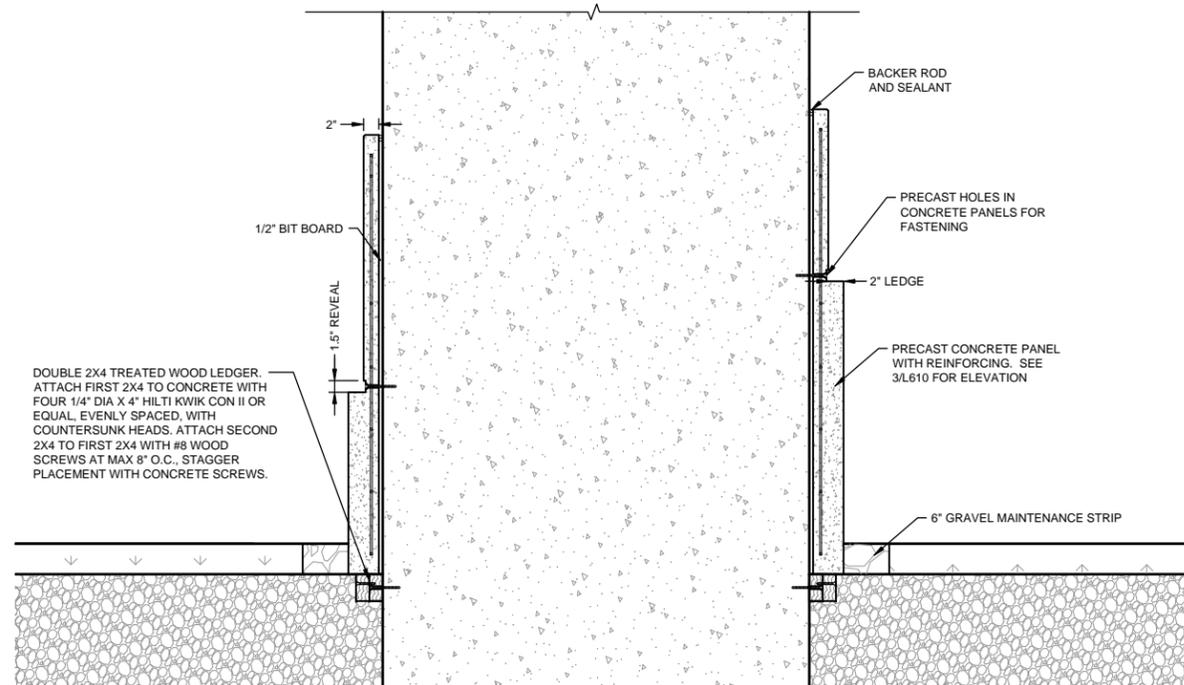
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DETAILS

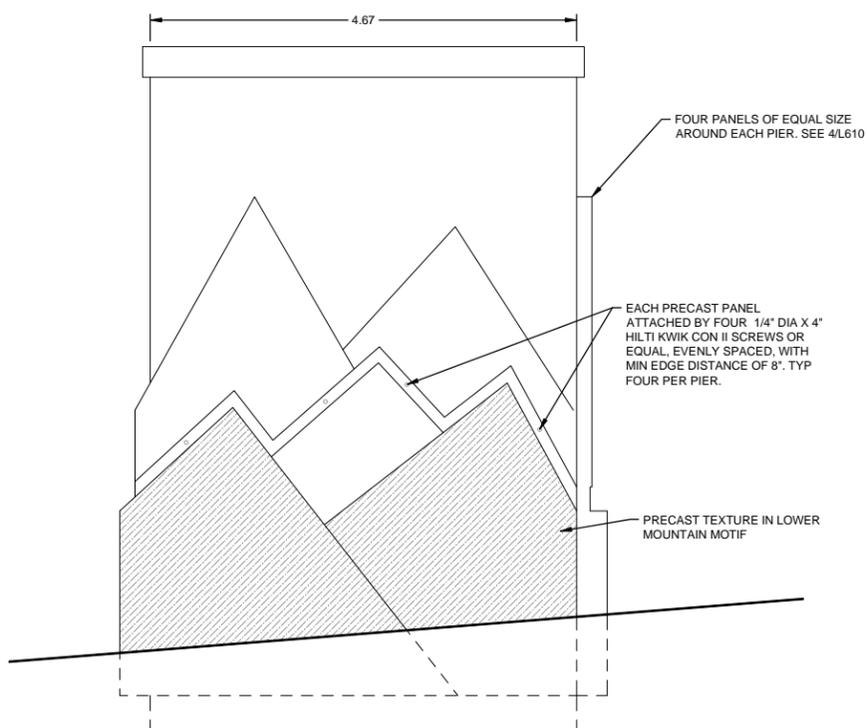
L602



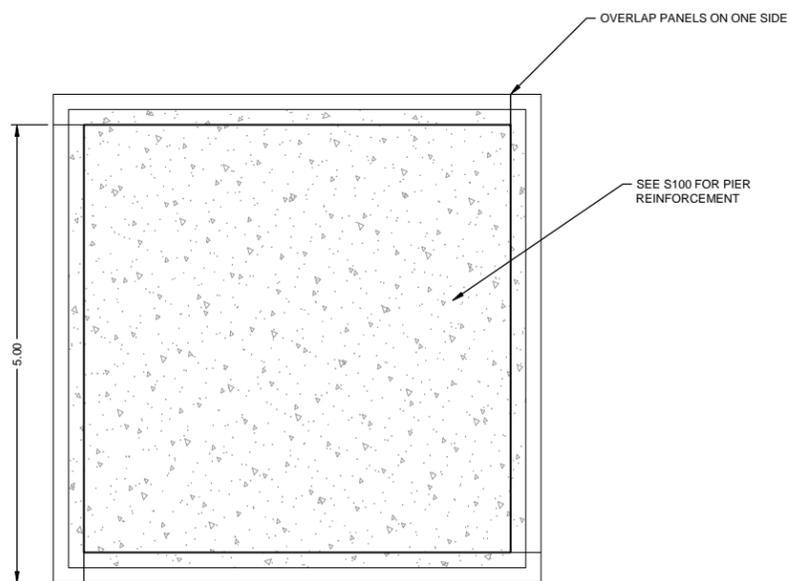
1 EXCAVATION SECTION
L610 NO SCALE



2 PRECAST PANEL
L610 NO SCALE



3 PRECAST PANEL ELEVATION
L610 NO SCALE



4 PRECAST PANEL PLAN
L610 NO SCALE

PRECAST CONCRETE NOTES

- A. ARCHITECTURAL PRECAST CONCRETE.
 1. ANY MANUFACTURER HOLDING A PCI GROUP A PLANT CERTIFICATION FOR THE PANELS INDICATED.
- B. PRECAST ARCHITECTURAL CONCRETE UNITS: COMPLY WITH PCI MNL-120, PCI MNL-122, PCI MNL-123, PCI MNL-135, AND ACI 318.
 1. ACCOMMODATE CONSTRUCTION TOLERANCES.
 2. PROVIDE CONNECTIONS THAT ACCOMMODATE THERMAL MOVEMENT AND ADJUST TO MISALIGNMENT OF STRUCTURE WITHOUT UNIT DISTORTION OR DAMAGE.
 3. FINISH TYPE A: UNIFORM IN COLOR AND APPEARANCE.
- C. REINFORCEMENT:
 1. 6X6 W1.4XW1.4 WELDED WIRE MESH AT PANEL MID-DEPTH.
 2. COMPLY WITH SPECIFICATION SECTION 03 30 00.
- D. CONCRETE MATERIALS:
 1. CEMENT: ASTM C150, TYPE I - NORMAL PORTLAND TYPE.
 2. SURFACE FINISH AGGREGATE: AS SELECTED BY LANDSCAPE ARCHITECT.
 3. COLOR ADDITIVES: AS SELECTED BY LANDSCAPE ARCHITECT
 - 3.1. PURE CONCENTRATED MINERAL PIGMENTS SPECIFICALLY INTENDED FOR MIXING INTO CONCRETE AND COMPLYING WITH ASTM C979/C979M.
 4. WATER: CLEAN AND NOT DETRIMENTAL TO CONCRETE
- E. FORM LINERS:
 1. USE FORMLINERS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
 2. MANUFACTURERS:
 - 2.1. FITZGERALD FORMLINERS
 - 2.2. GREENSTREAK
 - 2.3. SCOTT SYSTEM.
- F. DIMENSIONS SHOWN ARE IN FEET U.N.O.

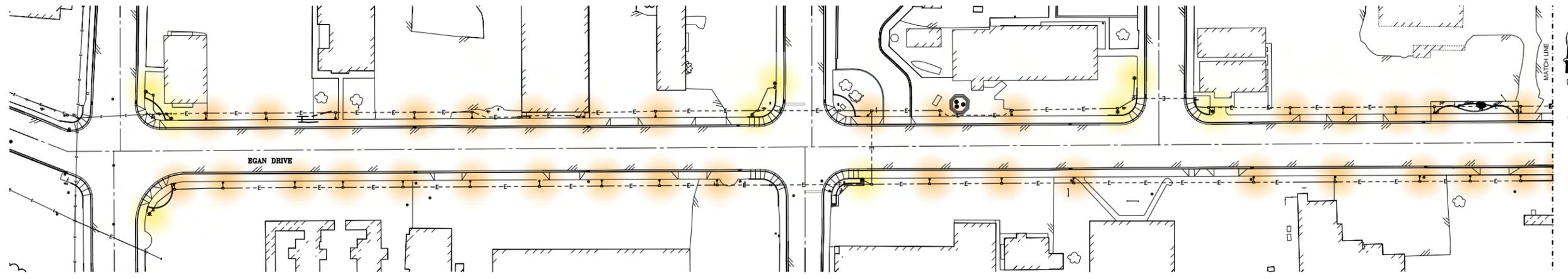


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**FOUNDATION
DETAILS**

L610



- LEGEND**
- PEDESTRIAN FIXTURE
 - CORNER LIGHT
 - STREETLIGHT

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**PROPOSED STREET
 LIGHTING LAYOUT**

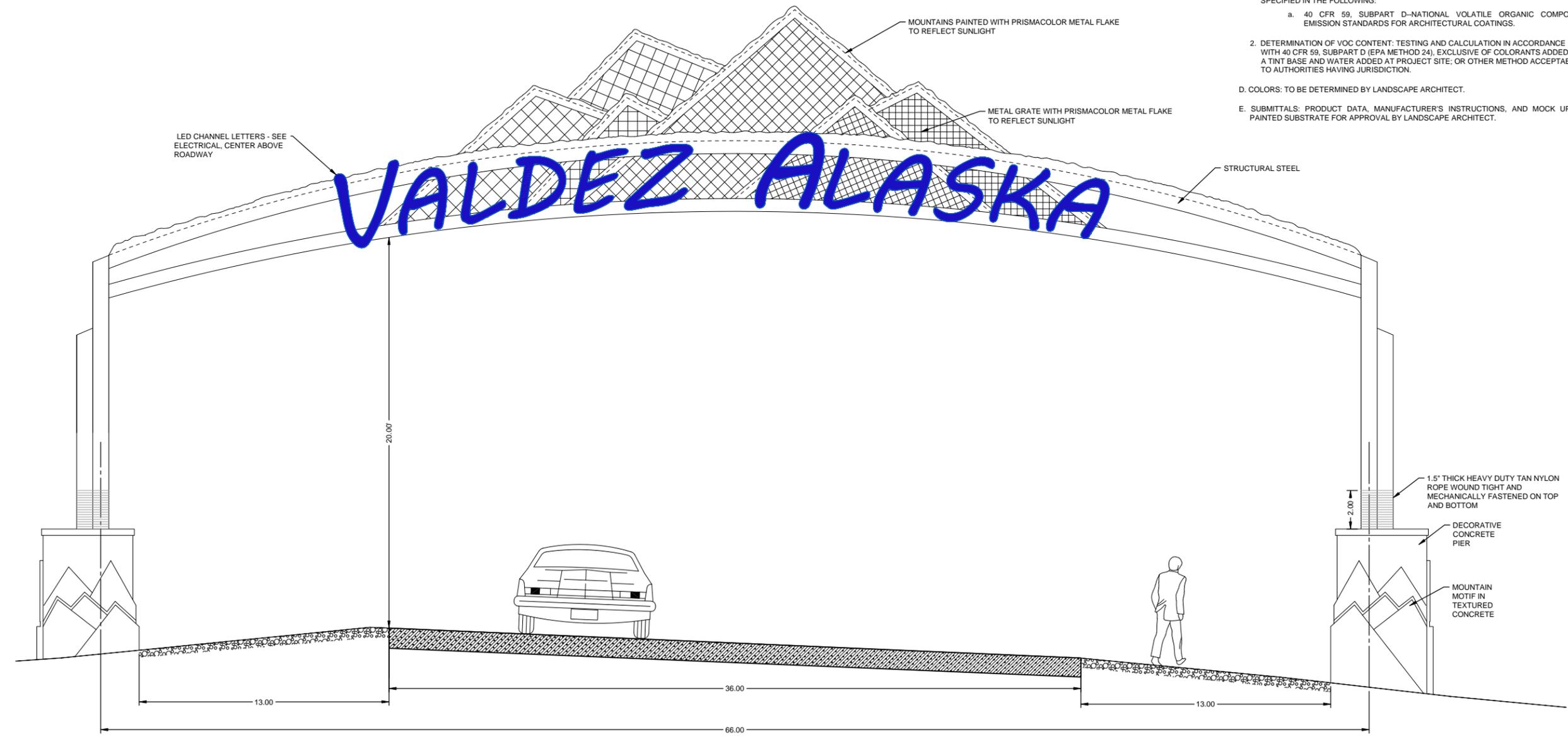
1 PROPOSED STREET LIGHTING LAYOUT
 L611 1" = 50'

L611



PAINTING NOTES

- PAINT SYSTEM: EXTERIOR PAINT FOR STEEL STRUCTURE AND METAL GRATE:
1. CLEAN, SAND, AND PREPARE SURFACE PER MANUFACTURER'S RECOMMENDATION TO RECEIVE FINISH.
 2. ONE COAT OF PRIMER: DPLF EPOXY OR PRIMER AS RECOMMENDED BY PRISMACOLOR FINISH MANUFACTURER.
 3. BASE COAT; BASIS OF DESIGN IS GLOBAL BC.
 4. SPRAY APPLIED PRISMACOLOR OR PEARL FINISH; BASIS OF DESIGN IS PPG PRIZMATIQUE DX78 OR EQUAL.
 5. CLEAR TOP COAT.
- A. PAINTS AND COATINGS: READY MIXED, UNLESS INTENDED TO BE A FIELD-CATALYZED COATING.
1. PROVIDE PAINTS AND COATINGS OF A SOFT PASTE CONSISTENCY, CAPABLE OF BEING READILY AND UNIFORMLY DISPERSED TO A HOMOGENEOUS COATING, WITH GOOD FLOW AND BRUSHING PROPERTIES, AND CAPABLE OF DRYING OR CURING FREE OF STREAKS OR SAGS.
 2. SUPPLY EACH COATING MATERIAL IN QUANTITY REQUIRED TO COMPLETE ENTIRE PROJECT'S WORK FROM A SINGLE PRODUCTION RUN.
 3. DO NOT REDUCE, THIN, OR DILUTE COATINGS OR ADD MATERIALS TO COATINGS UNLESS SUCH PROCEDURE IS SPECIFICALLY DESCRIBED IN MANUFACTURER'S PRODUCT INSTRUCTIONS.
- B. PRIMERS: WHERE THE MANUFACTURER OFFERS OPTIONS ON PRIMERS FOR A PARTICULAR SUBSTRATE, USE PRIMER CATEGORIZED AS "BEST" BY THE MANUFACTURER.
- C. VOLATILE ORGANIC COMPOUND (VOC) CONTENT:
1. PROVIDE COATINGS THAT COMPLY WITH THE MOST STRINGENT REQUIREMENTS SPECIFIED IN THE FOLLOWING:
 - a. 40 CFR 59, SUBPART D-NATIONAL VOLATILE ORGANIC COMPOUND EMISSION STANDARDS FOR ARCHITECTURAL COATINGS.
 2. DETERMINATION OF VOC CONTENT: TESTING AND CALCULATION IN ACCORDANCE WITH 40 CFR 59, SUBPART D (EPA METHOD 24), EXCLUSIVE OF COLORANTS ADDED TO A TINT BASE AND WATER ADDED AT PROJECT SITE; OR OTHER METHOD ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
- D. COLORS: TO BE DETERMINED BY LANDSCAPE ARCHITECT.
- E. SUBMITTALS: PRODUCT DATA, MANUFACTURER'S INSTRUCTIONS, AND MOCK UP OF PAINTED SUBSTRATE FOR APPROVAL BY LANDSCAPE ARCHITECT.



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**GATEWAY
ELEVATION**

1 GATEWAY ELEVATION
L620 SCALE: 1" = 3'

L620

GENERAL STRUCTURAL NOTES

A. DESIGN CRITERIA

1. BUILDING CODE.....	2009 IBC (INTERNATIONAL BUILDING CODE)
GOVERNING JURISDICTION.....	STATE OF ALASKA FIRE MARSHAL
2. SNOW LOADS:	
GROUND SNOW LOAD P.....	160 PSF
SNOW EXPOSURE FACTOR C _s	0.9
SNOW LOAD IMPORTANCE FACTOR I.....	1.0
THERMAL FACTOR C _t	1.0
3. WIND LOADS:	
BASIC WIND SPEED.....	130 MPH (3 SECOND GUST)
BUILDING OCCUPANCY CATEGORY.....	II
IMPORTANCE FACTOR.....	1.0
EXPOSURE.....	C
EXPOSURE.....	C
EXPOSURE.....	C
4. SEISMIC LOADS:	
S _{DS}	0.91
S _{D1}	0.93
S _S	1.513
S ₁	0.583
C _p	0.26
R.....	3.5
SOIL SITE CLASS.....	D
SEISMIC DESIGN CATEGORY.....	D
IMPORTANCE FACTOR.....	1.0
BASIC SEISMIC FORCE RESISTING SYSTEM.....	FREE STANDING SIGN OR BILLBOARD
DESIGN BASE SHEAR.....	0.26W
ANALYSIS PROCEDURE.....	EQUIVALENT LATERAL FORCE METHOD

B. FOUNDATION

- FOUNDATION DESIGN IS BASED ON A GEOTECHNICAL INVESTIGATION PREPARED BY SHANNON AND WILSON DATED OCTOBER 2013.
- ALLOWABLE SOIL BEARING PRESSURE: 1500 PSF
- ALL ORGANIC AND/ OR OTHER UNSUITABLE MATERIAL SHALL BE REMOVED FROM SUB-GRADE AND BACKFILLED WITH STRUCTURAL FILL.
- STRUCTURAL FILL IS TO BE SELECT MATERIAL, TYPE A: NON-FROST SUSCEPTIBLE, CLEAN, FREE-DRAINING, WELL- GRADED BROKEN STONE, SAND GRAVEL OR OTHER INORGANIC SOIL MATERIALS MEETING THE FOLLOWING GRADATION VALUES:

SIZE	%PASSING
3 INCH	100
2 INCH (51mm)	-
1 INCH (25mm)	-
NO. 4	30-80
NO. 40	6-40
NO. 200	0-5 MAX.

C. CONCRETE

- ALL CAST-IN-PLACE CONCRETE SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH (f_c) OF 4000 PSI.
- REINFORCING BARS SHALL CONFORM TO ASTM A615 GRADE 60, UNLESS OTHERWISE NOTED, EXCEPT #3 BARS WHICH MAY BE GRADE 40. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.
- DETAIL REINFORCING BARS IN ACCORDANCE WITH THE ACI DETAILING MANUAL AND THE ACI BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, LATEST EDITIONS.
- CONCRETE SHALL MEET ALL REQUIREMENTS OF ACI 301 SPECIFICATION FOR STRUCTURAL CONCRETE BUILDINGS.
- LAP ALL REINFORCING THE LARGER OF 24 INCHES OR 36 BAR DIAMETERS.
- PROVIDE ALL ACCESSORIES NECESSARY TO SUPPORT REINFORCING AT POSITIONS SHOWN ON THE DRAWINGS. PROVIDE SUFFICIENT TIE BARS TO SUPPORT ALL REINFORCING.
- PROVIDE REINFORCEMENT COVER AS FOLLOWS (ACI 7.7), UNLESS NOTED OTHERWISE ON DRAWINGS:
CONCRETE CAST AGAINST EARTH 3"
CONCRETE EXPOSED TO EARTH OR WEATHER ... 2"
CONCRETE SLABS ON GRADE PLACE REINFORCING AT SLAB MID-DEPTH
- ANCHOR BOLTS FOR STEEL COLUMNS SHALL BE ASTM F1554 GRADE 36 UNLESS NOTED OTHERWISE. ANCHOR BOLTS ARE TO BE ACCURATELY PLACED WITH SETTING TEMPLATES.
- WHERE ANCHOR BOLT PROJECTION IS NOT SPECIFIED, BOLTS SHALL EXTEND PAST FACE OF NUT BY AT LEAST ONE FULL THREAD.
- PROVIDE SLEEVES FOR ALL UTILITY OPENINGS.
- DO NOT CUT ANY REINFORCEMENT AT OPENINGS.

D. STRUCTURAL STEEL

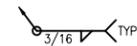
- ALL STRUCTURAL STEEL WIDE FLANGE MEMBERS AND CHANNELS SHALL BE ASTM A572 - GRADE 50 (F_y = 50 KSI) OR A992.
- SQUARE/ RECTANGULAR HOLLOW STRUCTURAL SECTIONS (HSS) SHALL CONFORM TO ASTM A500 GRADE B (F_y = 46 KSI).
- ROUND PIPES SHALL CONFORM TO ASTM A53 GRADE B (F_y = 35 KSI).
- ANGLES AND PLATES SHALL BE ASTM A36 (F_y = 36 KSI).
- ALL STRUCTURAL STEEL SHALL BE DETAILED AND FABRICATED IN ACCORDANCE WITH THE LATEST EDITION OF THE AISC STEEL CONSTRUCTION MANUAL.
- WELDING SHALL BE PERFORMED WITH E70XX ELECTRODES. WELDING SHALL BE DONE BY QUALIFIED WELDERS AND SHALL CONFORM TO THE AWS D1.1 STRUCTURAL WELDING CODE-STEEL, LATEST EDITION. ALL WELDS ARE INTENDED TO BE CONTINUOUS UNLESS NOTED OTHERWISE.
- FIELD WELDS NOTED THROUGHOUT THE CONTRACT DOCUMENTS ARE ACCEPTABLE LOCATIONS FOR FIELD WELDING. AT THE CONTRACTOR'S OPTION, FIELD WELDS MAY BE PERFORMED IN THE SHOP.
- BOLTED CONNECTIONS SHALL BE ACCOMPLISHED WITH ASTM A325, A490, F1852 OR F2280 HIGH-STRENGTH BOLTS IN STANDARD HOLES UNLESS NOTED OTHERWISE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF ALL ERECTION PROCEDURES AND SEQUENCES WITH REGARD TO TEMPERATURE DIFFERENTIALS.

STATEMENT OF SPECIAL INSPECTIONS

THE FOLLOWING STRUCTURAL ITEMS REQUIRE SPECIAL INSPECTION PER IBC SECTION 1704. THESE INSPECTIONS SHALL BE PERFORMED BY A SPECIAL INSPECTOR APPROVED BY THE CONTRACTING OFFICER TO PERFORM THE TYPES OF INSPECTIONS SPECIFIED. SEE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS FOR INSPECTION AND TESTING THAT ARE NOT PART OF SPECIAL INSPECTIONS.

CONCRETE	VISUAL INSPECTION OF PLACEMENT OF CONCRETE FOR FOOTINGS, GRADE BEAMS, WALLS, AND SLABS (FIRST 20% CONTINUOUS, 25% BALANCE)
BOLTS INSTALLED IN CONCRETE	VISUAL INSPECTION OF ANCHOR BOLTS PRIOR TO CONCRETE PLACEMENT (100% OF ALL BOLTS)
REINFORCING STEEL	VISUAL INSPECTION OF PLACEMENT OF REINFORCING STEEL (100% BEFORE CONCRETE PLACEMENT)
WELDING	WEEKLY VISUAL INSPECTION OF FIELD WELDS AND ASSOCIATED NON- DESTRUCTIVE TESTING
	100% CONTINUOUS VISUAL INSPECTION OF NON-DESTRUCTIVE TESTING OF FIELD FULL PENETRATION WELDS
SPECIAL GRADING, EXCAVATION, AND FILLING	WEEKLY VISUAL INSPECTION OF STRUCTURAL EXCAVATION, BACK FILL, AND COMPACTION

STRUCTURAL LEGEND



WELD SYMBOL SEE PARTICULAR USAGE FOR DETAILS

&	AND	GA	GUAGE	SPEC	SPECIFICATION
@	AT	GALV	GALVANIZED	SQ	SQUARE
AB	ANCHOR BOLT	GLB	GLUE LAMINATED BEAM	SSH	SHORT SLOTTED HOLE
ABV	ABOVE	GR	GRADE	SST	STAINLESS STEEL
ADJ	ADJUSTABLE, ADJUST	GSN	GENERAL STRUCTURAL NOTES	STD	STANDARD
AFF	ABOVE FINISH FLOOR	GWB	GYPSUM WALLBOARD	STFNR	STIFFENER
ALT	ALTERNATE	HLDN	HOLD-DOWN	STL	STEEL
AHR	ANCHOR, ANCHORAGE	HGALV	HOT-DIP GALVANIZED	STOR	STORAGE
APPROX	APPROXIMATE	HDR	HEADER	STRUCT	STRUCTURE, STRUCTURAL
ARCH	ARCHITECTURE, ARCHITECTURAL	HORIZ	HORIZONTAL	SYMM	SYMMETRICAL
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS	HGT	HEIGHT	T	TOP
BC	BOLT CIRCLE	HSL	HORIZONTAL LONG SLOTTED HOLES	TEMP	TEMPORARY
BLDG	BUILDING	IAW	IN ACCORDANCE WITH	T&B	TOP AND BOTTOM
BLK	BLOCK	IBC	INTERNATIONAL BUILDING CODE	THK	TONGUE AND GROOVE THICK, THICKNESS
BLKG	BLOCKING	ID	INSIDE DIAMETER	THRU	THROUGH
BLW	BELOW	IN OR *	INCH	TO	TOP OF
BM	BEAM	INCL	INCLUDE	TOB	TOP OF BEAM
BOT	BOTTOM	INSUL	INSULATION, INSULATE	TOC	TOP OF CONCRETE
BO	BOTTOM OF	INT	INTERIOR	TOD	TOP OF DECK
BP	BASE PLATE	INTMD	INTERMEDIATE	TOS	TOP OF STEEL
BRG	BEARING	JST	JOIST	TOW	TOP OF WALL
BSMT	BASEMENT	JT	JOINT	TOW	TOP OF WALL
BTWN	BETWEEN	K	KIPS	TRANSV	TRANSVERSE
C	CHANNEL SECTION	KSI	KIPS PER SQUARE INCH	TS	TUBE STEEL
CIP	CAST-IN-PLACE	L	ANGLE	TSW	TOP SEAM WELD
CJ	CONTROL JOINT	LG	LONG LENGTH	TYP	TYPICAL
CL	CENTER LINE	LLH	LONG LEG HORIZONTAL	UNO	UNLESS NOTED OTHERWISE
CLG	CEILING	LLV	LONG LEG VERTICAL	VERT	VERTICAL
CLR	CLEAR	LOC	LOCATION	VERIF	VERIFY
CMU	CONCRETE MASONRY UNIT	LONG	LONGITUDINAL	VSL	VERTICAL SLOTTED HOLE
COL	COLUMN	MATL	MATERIAL	W/	WITH
CON JT	CONSTRUCTION JOINT	MAX	MAXIMUM	W/O	WITHOUT
CONC	CONCRETE	MC	MOMENT CONNECTION, MISC.	W	WIDE FLANGE, WIDE, WIDTH
CONN	CONNECTION		CHANNEL	WD	WOOD
CONSTR	CONSTRUCTION	MECH	MECHANICAL	WHS	WELDED HEADED STUD
CONT	CONTINUOUS, CONTINUED	MEMB	MEMBRANE	WJ	WALL JOINT
CONTR	CONTRACTOR	MFR	MANUFACTURER	WP	WORK POINT, WATER PROOFING
COORD	COORDINATE	MH	MANHOLE		WELDED WIRE REINFORCEMENT
CP	COMPLETE PENETRATION	MID	MIDDLE	WWR	
CTR	CENTER	MIN	MINIMUM		
CTSK	COUNTERSUNK	MISC	MISCELLANEOUS		
DB	DIAPHRAGM BOUNDARY	MTD	MOUNTED		
DBL	DOUBLE	MTL	METAL		
DEMO	DEMOLITION	(N)	NEW		
DIA	DIAMETER	NFS	NON-FROST-SUSCEPTIBLE		
DIAG	DIAGONAL	NIC	NOT IN CONTRACT		
DICA	DRILLED-IN-CONCRETE ANCHOR	NO	NUMBER		
DIM	DIMENSION	NOM	NOMINAL		
DIMA	DRILLED-IN-MASONRY ANCHOR	NS	NEAR SIDE		
DL	DEAD LOAD	NTS	NOT TO SCALE		
DN	DOWN	OA	OVERALL		
DO	DITTO	OC	ON CENTER		
DET	DETAIL	OD	OUTSIDE DIAMETER		
DWG	DRAWING	OFOI	OWNER FURNISHED, OWNER INSTALLED		
(E)	EXISTING		OPENING		
EA	EACH	OPNG	OPENING		
EF	EACH FACE	OPP	OPPOSITE		
EJ	EXPANSION JOINT	OSB	ORIENTED STRAND BOARD		
ELEC	ELECTRICAL, ELECTRIC	PRL	PARALLEL		
EL	ELEVATION	PCC	PRE-CAST CONCRETE		
ENGR	ENGINEER	PEJ	PRE-MOLDED EXPANSION JOINT		
EOC	EDGE OF CONCRETE	PERIM	PERIMETER		
EQ	EQUAL, EARTHQUAKE	PERP	PERPENDICULAR		
EQUIP	EQUIPMENT	PL	PLATE		
EXP	EXPANSION	PLF	POUNDS PER LINEAR FOOT		
EXT	EXTERIOR	PLYWD	PLYWOOD		
EW	EACH WAY	PSF	POUNDS PER SQUARE FOOT		
FB	FLAT BAR	PSI	POUNDS PER SQUARE INCH		
FD	FLOOR DRAIN	PT	POINT, PRESSURE TREATED		
FDN	FOUNDATION	QTY	QUANTITY		
FF	FINISHED FLOOR	R	RADIUS, REACTION		
FIN FLR	FINISH FLOOR	REF	REFERENCE, REFER		
FO	FACE OF	REINF	REINFORCED		
FOBM	FACE OF BEAM	REQD	REQUIRED		
FOS	FACE OF CONCRETE	REV	REVISION		
FOS	FACE OF STEEL	RMV	REMOVE		
FRMG	FRAMING	ROOM	ROOM		
FS	FAR SIDE	RO	ROUGH OPENING		
FT OR '	FOOT OR FEET	SCHED	SCHEDULE		
FTG	FOOTING	SECT	SECTION		
FV	FIELD VERIFY	SH PL	SHEAR PLATE		
		SH	SHEET		
		SIM	SIMILAR		
		SL	SNOW LOAD		
		SLO	SLOPE		
		SOG	SLAB-ON-GRADE		
		SPCG	SPACING		

Design Alaska

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GENERAL
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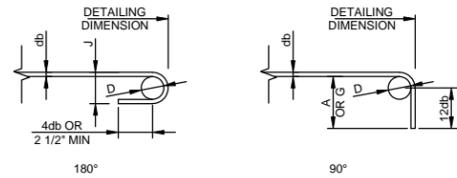
S001



CONCRETE PSI		TENSION SPLICE LENGTHS (INCHES) - CLASS B												COMP. BARS	
		f _c =2,500/3,000 PSI				f _c =4,000 PSI				f _c =5,000 PSI				f _c =ALL	
BAR LOCATION		REGULAR		TOP		REGULAR		TOP		REGULAR		TOP		STANDARD LAP	ENCLOSED W/ SPIRAL TIES
SPACING SIZE		≥ 2db	OTHER	≥ 2db	OTHER	≥ 2db	OTHER	≥ 2db	OTHER	≥ 2db	OTHER	≥ 2db	OTHER		
#3		24	36	31	46	24	28	25	37	24	25	24	33	24	24
#4		32	47	41	61	25	37	33	49	24	34	29	44	24	24
#5		39	59	51	77	13	47	41	61	28	42	36	54	24	24
#6		47	71	61	92	37	56	49	73	34	50	44	65	24	24
#7		69	103	89	134	54	81	71	106	49	73	63	95	27	24
#8		78	117	102	153	62	93	81	121	56	83	72	108	30	24
#9		88	132	115	172	70	105	91	136	63	94	81	122	34	26
#10		100	149	129	194	79	118	102	153	71	106	92	137	39	30
#11		110	165	143	215	87	131	114	170	78	117	102	152	43	33

NOTES:

- TOP BARS ARE ANY HORIZONTAL BARS PLACED SO THAT MORE THAN 12" OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE REINFORCEMENT.
- CONCRETE COVERAGE AROUND REINFORCING SHALL NOT BE LESS THAN THE DIAMETER OF THE BAR.

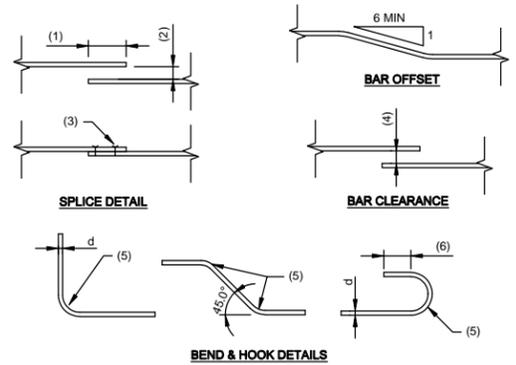


180°

90°

BAR SIZE	END HOOKS (INCHES) - ALL GRADES			
	FINISHED BEND DIAMETER (D)	180° HOOKS		90° HOOKS
		A OR G	J	A OR G
#3	2.25	5	3	6
#4	3	6	4	8
#5	3.75	7	5	10
#6	4.5	8	6	12
#7	5.25	10	7	14
#8	6	11	8	16
#9	9.5	15	11.75	19
#10	10.75	17	13.25	22
#11	12	19	14.75	24
#14	18.25	27	21.75	31
#18	24	36	28.5	41

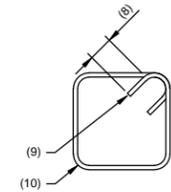
POST INSTALLED ANCHOR AND REINFORCING STEEL SCHEDULE (INCHES)				
ANCHOR DIAMETER	MECHANICAL ANCHOR EMBEDMENT LENGTH	THREADED ROD EMBEDMENT LENGTH	REINFORCING STEEL SIZE	REINFORCING STEEL EMBEDMENT LENGTH
3/8	3	4.5	#3	3
1/2	4	5	#4	6
5/8	5.25	6.75	#5	6
3/4	5.75	6.75	#6	8
7/8	7	7	#7	8
1	8	8	#8	10



SPLICE DETAIL

BAR CLEARANCE

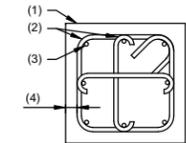
BEND & HOOK DETAILS



COLUMN TIES & BEAM STIRRUPS

NOTES:

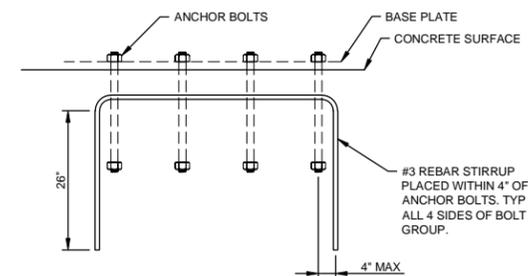
- LAP - SEE TABLE
- MAXIMUM 1/5TH LAP BUT NOT MORE THAN 6"
- WIRE TIES.
- 1d (1" MINIMUM)
- RADIUS = 3d FOR BARS NOT OVER #8, 4d FOR #9 - #11, 5d FOR #14 AND #18 BARS. 5d FOR ALL GRADE 40 BARD WITH 180° HOOKS.
- 4d (4" MINIMUM)
- 12d (4" MINIMUM)
- 6d (4" MINIMUM)
- 135° BEND.
- BEND AROUND 1 1/2" PIN FOR #3 BARS. BEND AROUND 2" PIN FOR #4 BARS. BEND AROUND 2 1/2" PIN FOR #5 BARS.



SQUARE OR RECTANGULAR PEDESTAL

NOTES:

- CONCRETE PEDESTAL
- PEDESTAL TIE REINFORCING
- VERTICAL REINFORCING
- EDGE DISTANCE PER GENERAL NOTES.



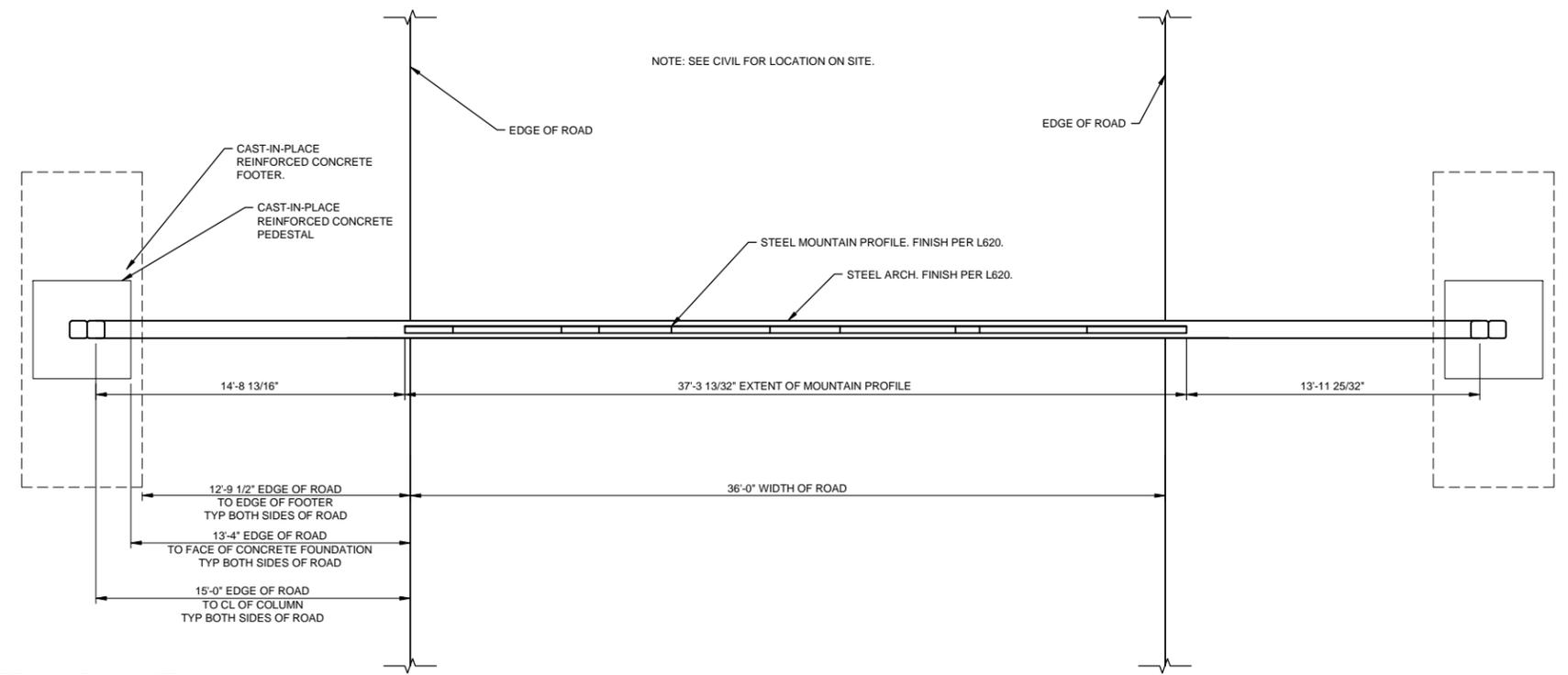
ANCHOR BOLT TENSION REINFORCING

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GENERAL REBAR DETAILS

S002



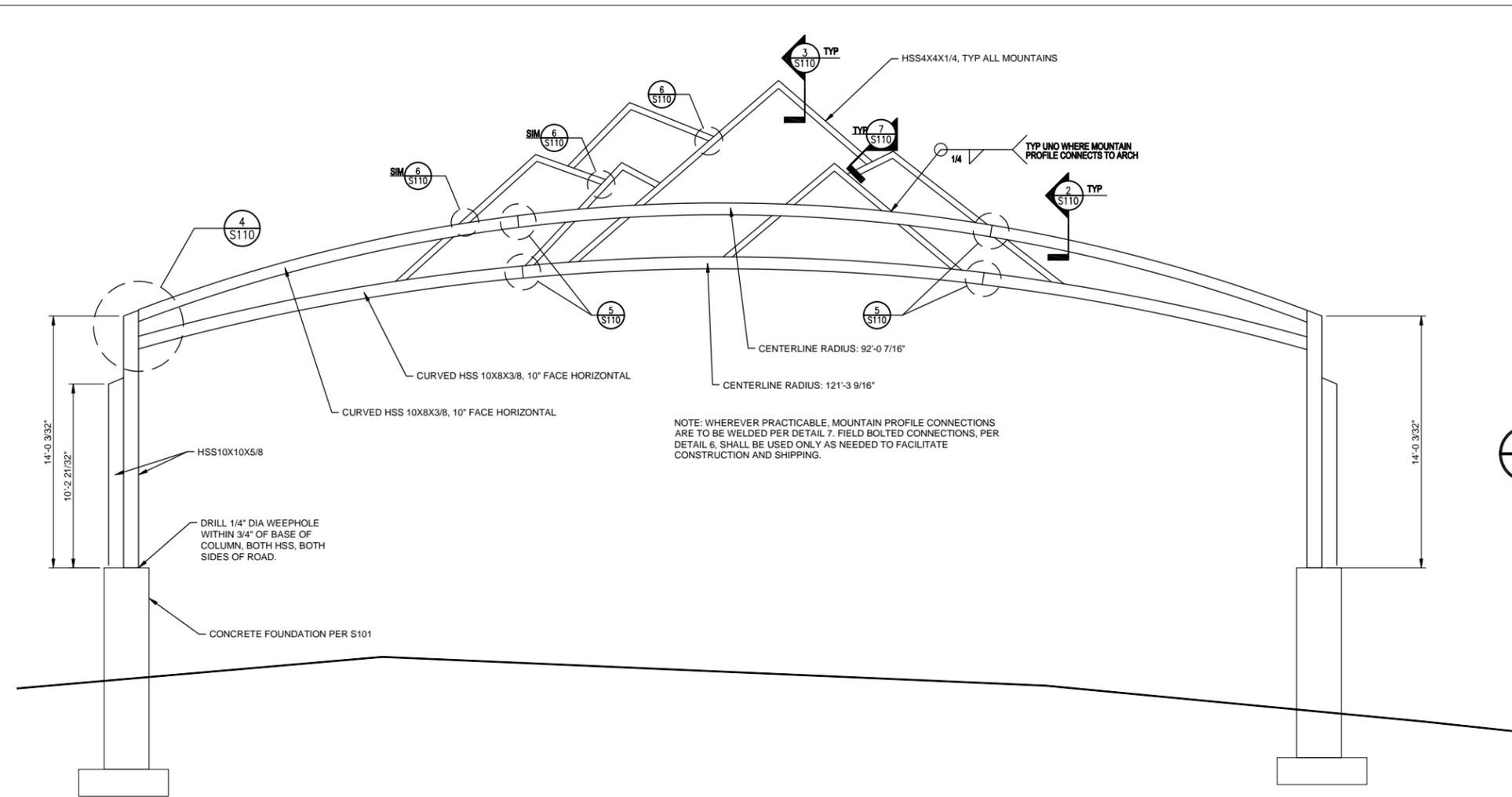
1 GATEWAY PLAN VIEW
 S100 NO SCALE

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 CIP
 # 310-1150-58000**

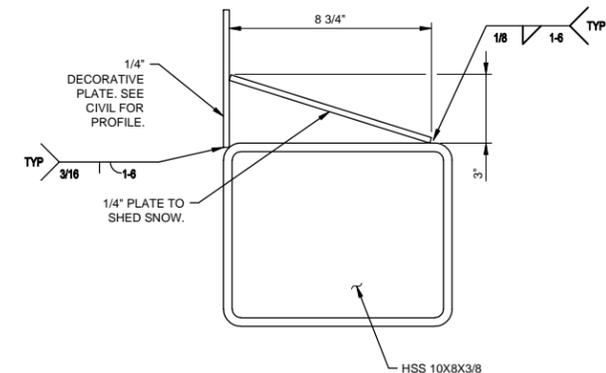
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STRUCTURAL PLAN

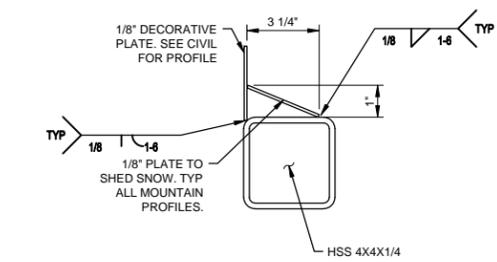
S100



NOTE: WHEREVER PRACTICABLE, MOUNTAIN PROFILE CONNECTIONS ARE TO BE WELDED PER DETAIL 7. FIELD BOLTED CONNECTIONS, PER DETAIL 6, SHALL BE USED ONLY AS NEEDED TO FACILITATE CONSTRUCTION AND SHIPPING.

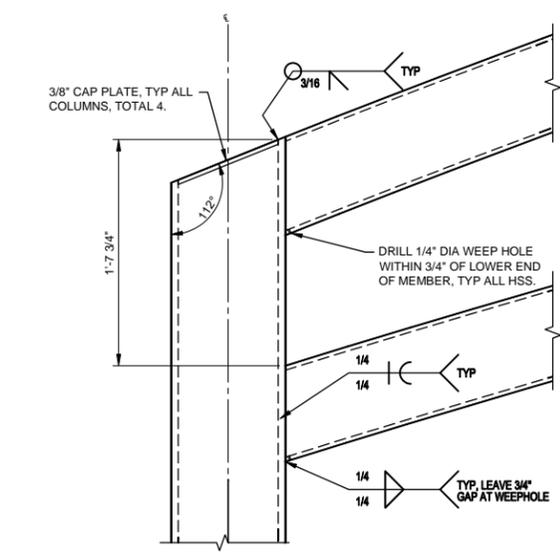


2 MAIN ARCH DECORATIVE PLATE/SNOWGUARD
S110 NO SCALE

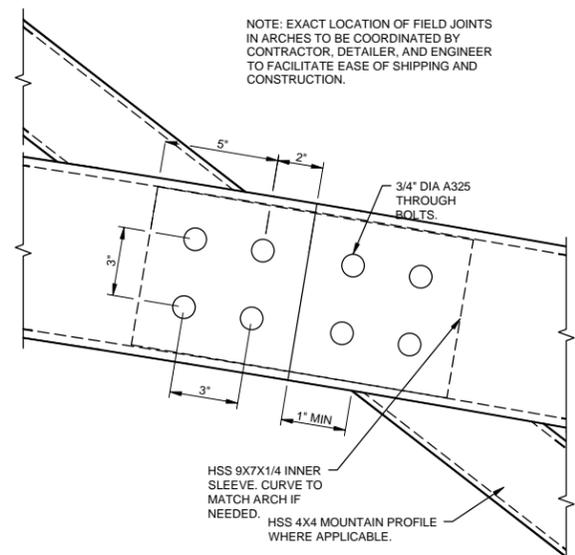


3 MOUNTAIN PROFILE DECORATIVE PLATE
S110 NO SCALE

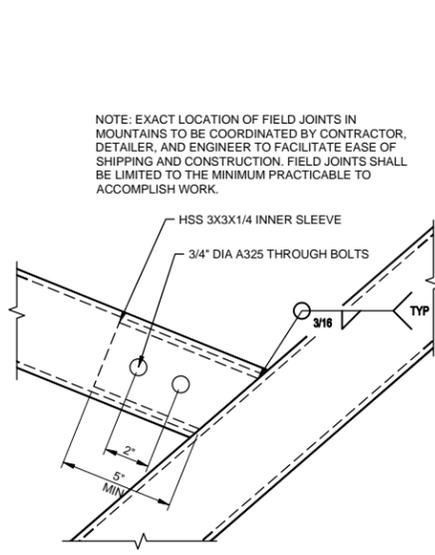
1 GATEWAY STRUCTURAL STEEL
S110 NO SCALE



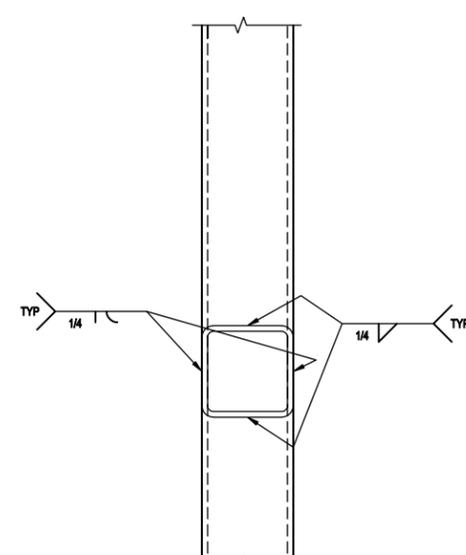
4 ARCH TO COLUMN CONNECTION
S110 NO SCALE



5 ARCH BOLTED JOINT
S110 NO SCALE



6 MOUNTAIN BOLTED JOINT
S110 NO SCALE



7 MOUNTAIN WELDED JOINT
S110 NO SCALE

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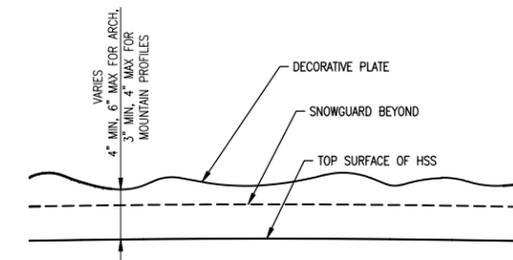
STEEL DETAILS

S110

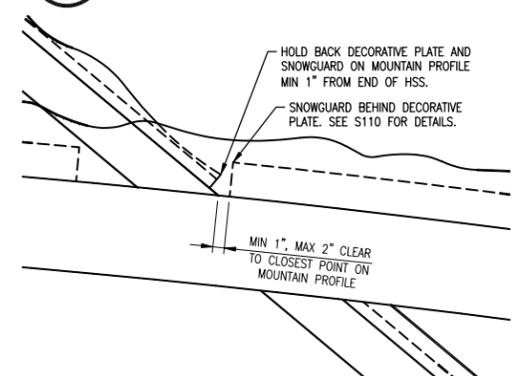


GENERAL NOTES

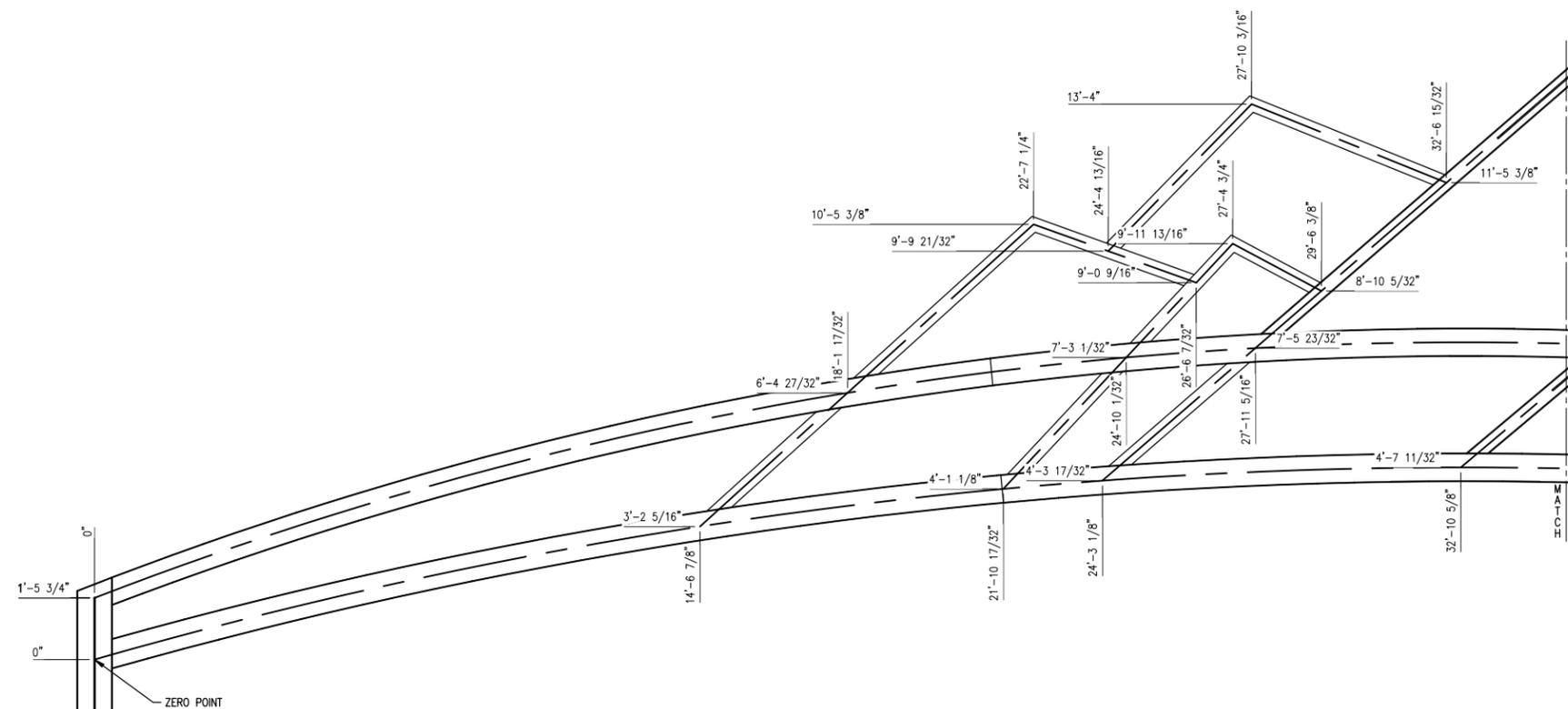
1. IN DETAILS 1 AND 2, ALL COORDINATES ARE TAKEN TO PROJECTED INTERSECTION OF CENTER LINES OF HSS.
2. IN DETAILS 1 AND 2, ALL COORDINATES ARE TAKEN RELATIVE TO THE ZERO POINT, AS LOCATED IN DETAIL 1, AT THE INTERSECTION OF THE LEFT COLUMN CENTERLINE AND THE CENTERLINE OF THE BOTTOM ARCH.



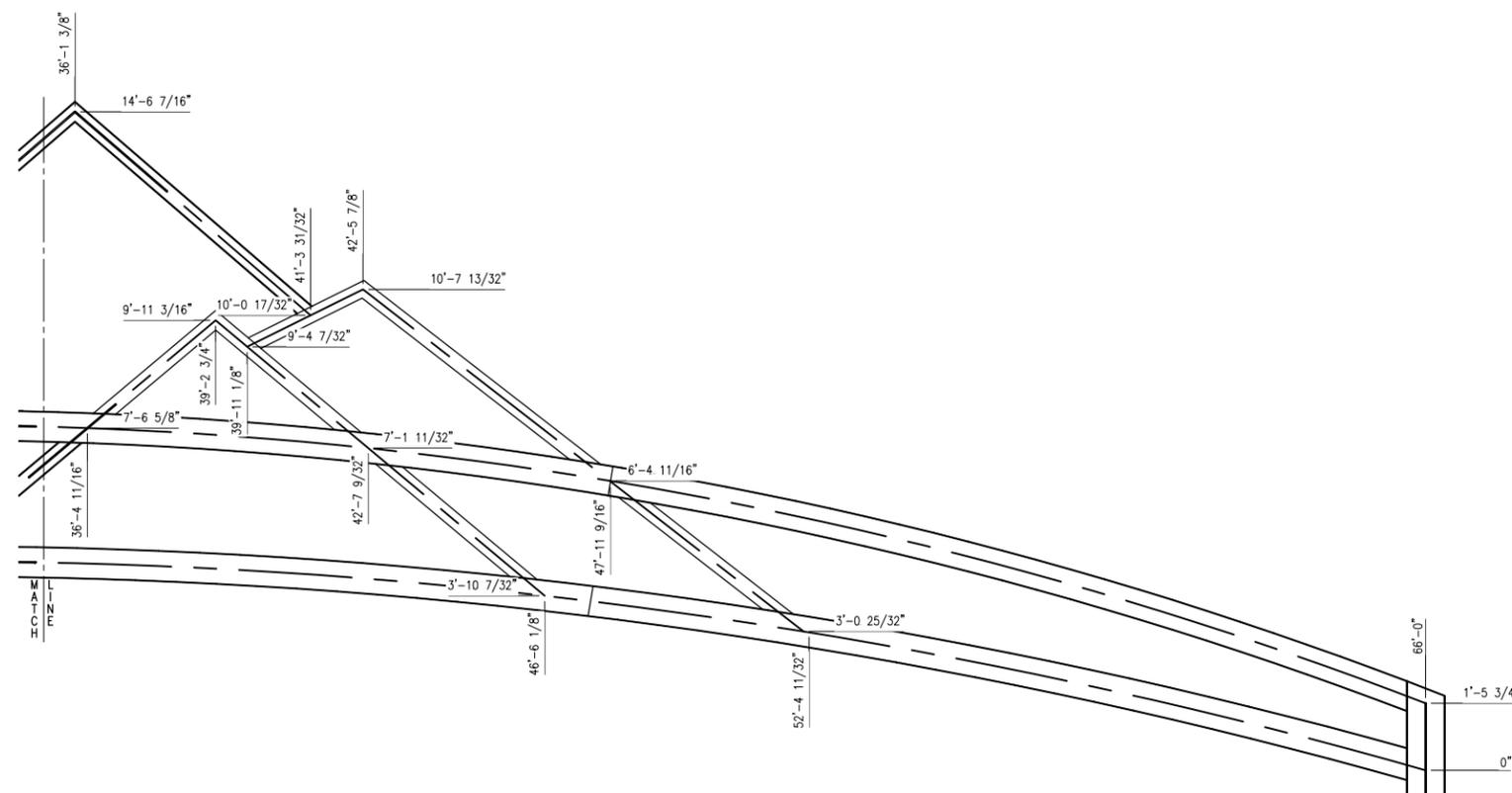
3 DECORATIVE PLATE/SNOWGUARD
S111 NO SCALE



4 DECORATIVE PLATE AT MOUNTAIN PROFILE ELEVATION
S111 NO SCALE



1 MOUNTAIN PROFILE COORDINATES, LEFT SIDE OF ARCH
S111 NO SCALE



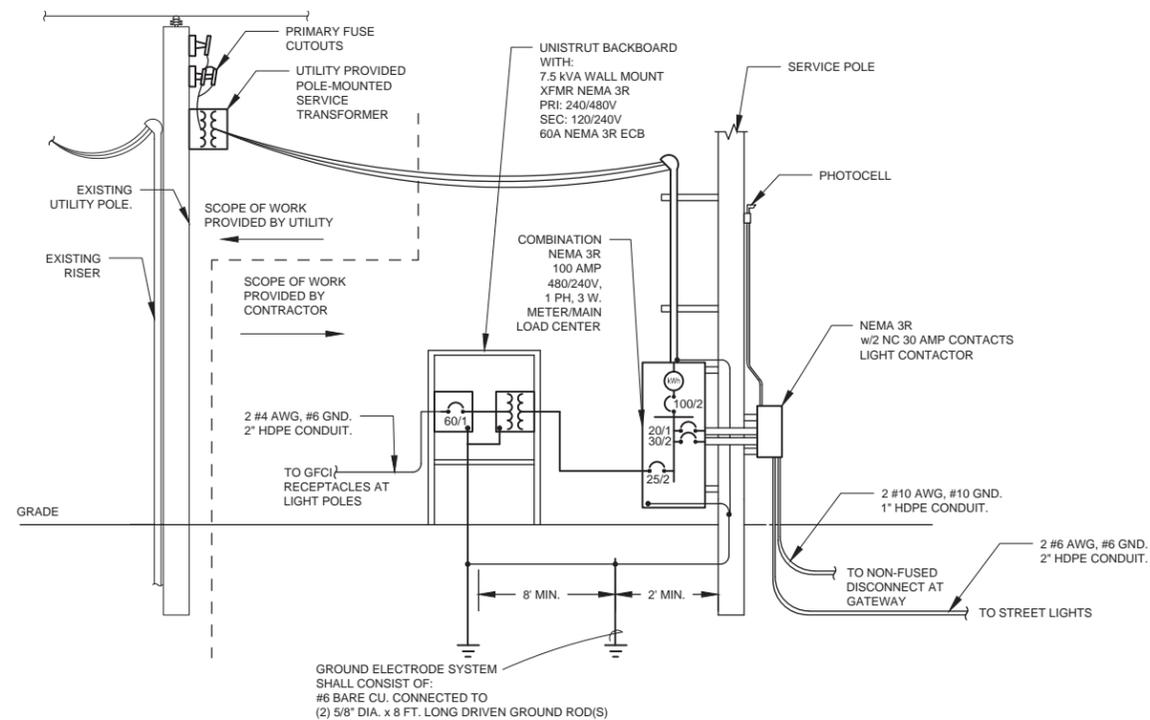
2 MOUNTAIN PROFILE COORDINATES, RIGHT SIDE OF ARCH
S111 NO SCALE

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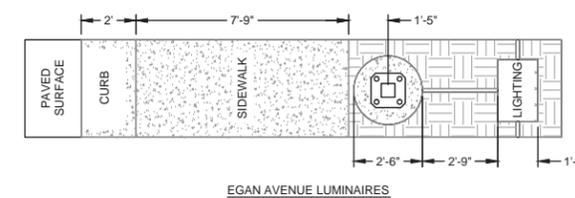
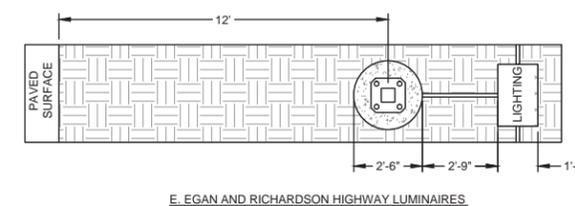
**MOUNTAIN PROFILE
DETAILS**

S111



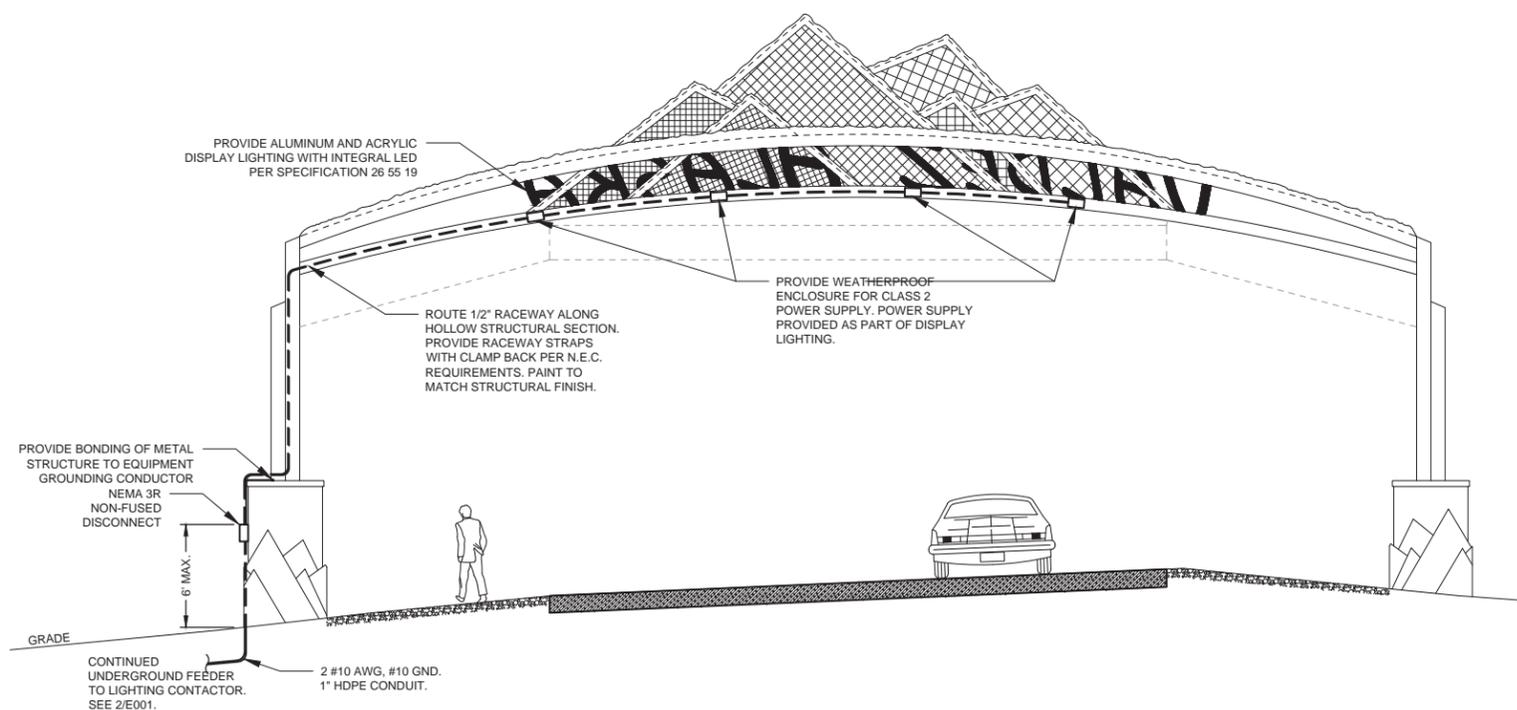
1 ELECTRICAL SERVICE DETAIL

E002 NO SCALE



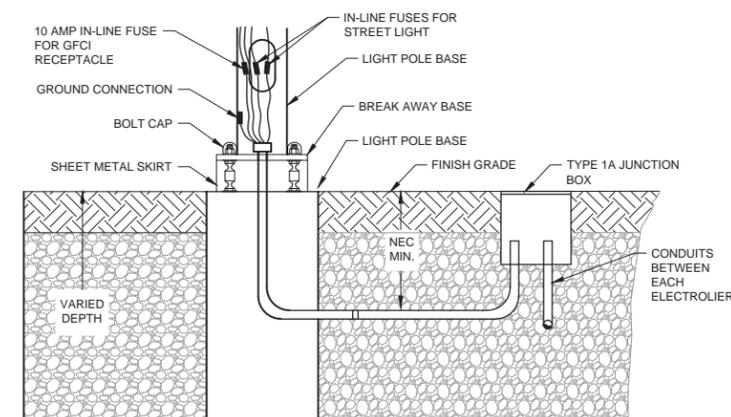
2 TYPICAL POLE BASE AND JUNCTION BOX SETBACK DETAIL

E002 NO SCALE



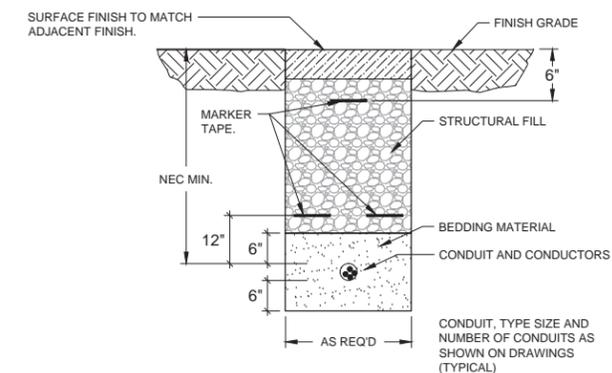
3 GATEWAY ELEVATION AND DETAIL

E002 NO SCALE



4 TYPICAL POLE BASE AND JUNCTION BOX ELEVATION DETAIL

E002 NO SCALE



5 TYPICAL TRENCH DETAIL

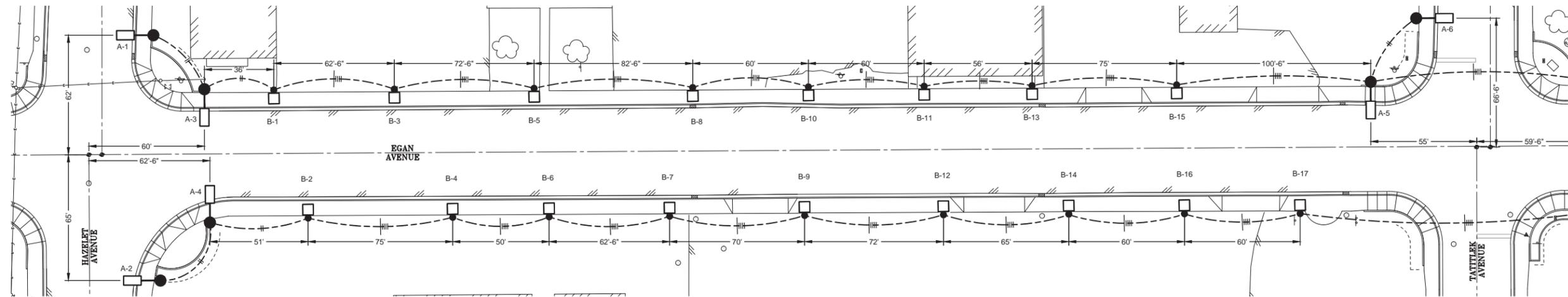
E002 NO SCALE

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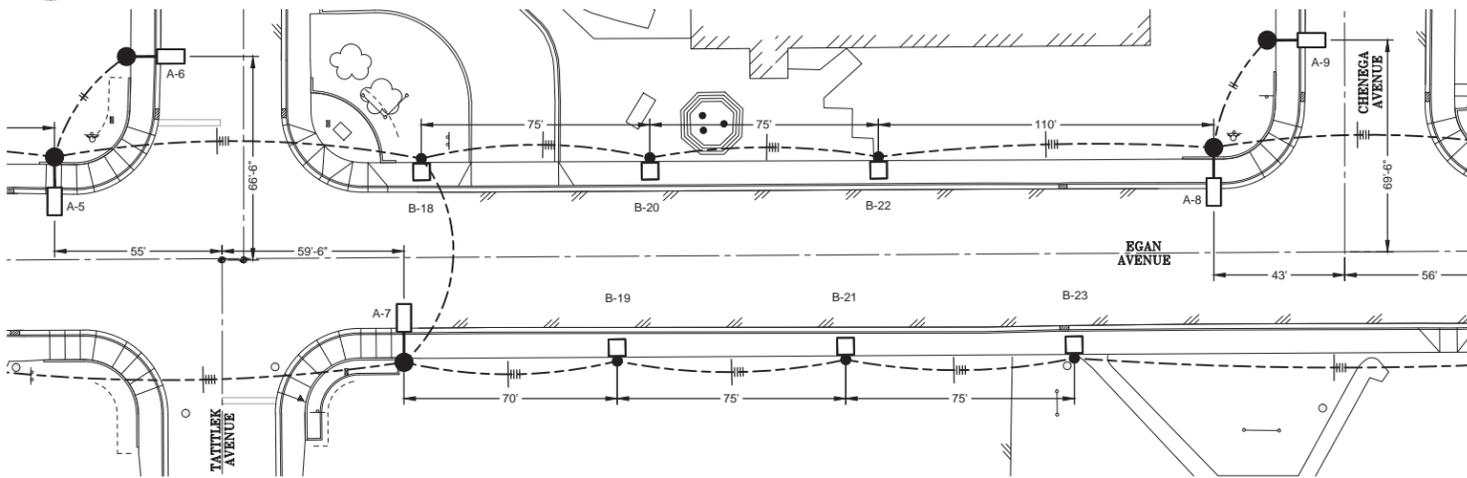
ISSUE DATE 22 JUL 2015
COMM. NUMBER 001419
DESIGNED BY ETJ
DRAWN BY JML
SCALE 0" = 1"

ELECTRICAL
ELEVATIONS AND
DETAILS

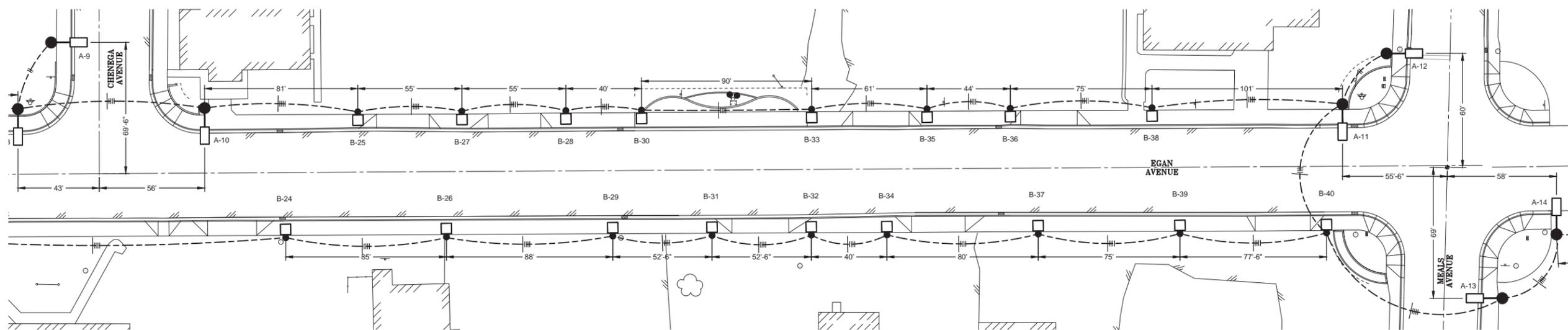
E002



1 STREETLIGHT LAYOUT-PLAN A
E100 1" = 30'



2 STREETLIGHT LAYOUT-PLAN B
E100 1" = 30'



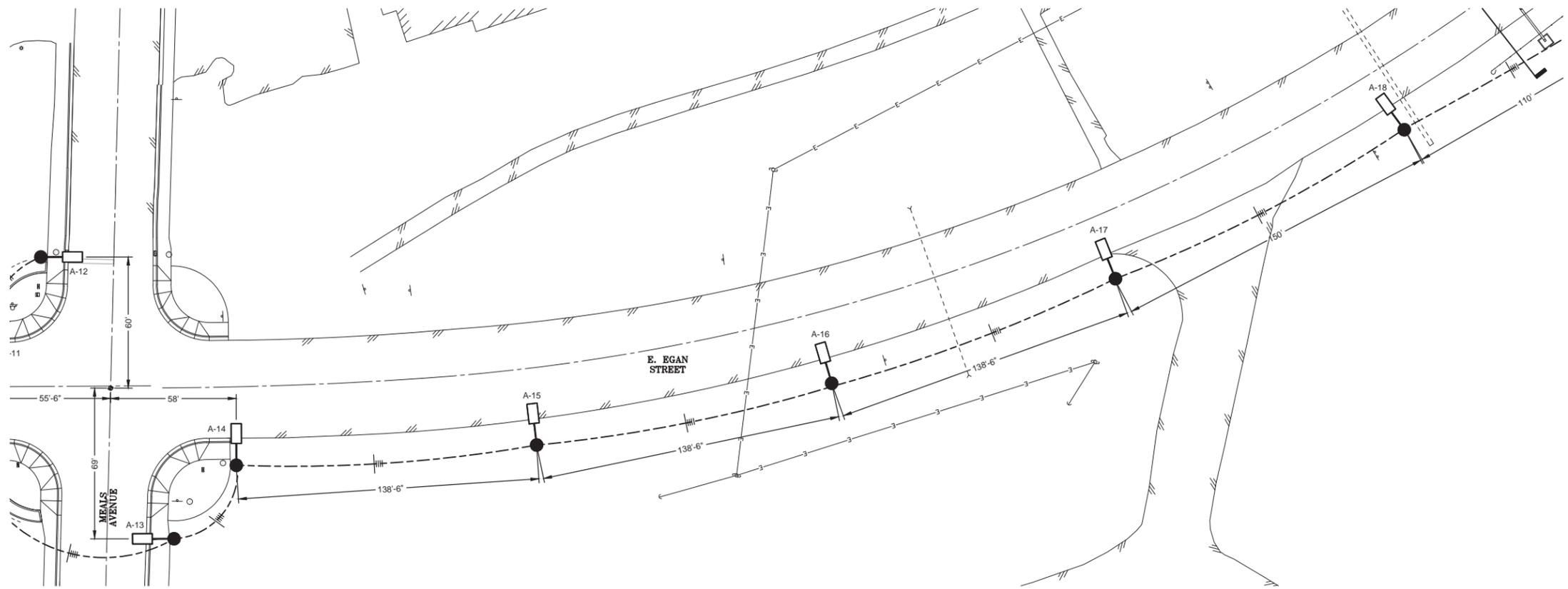
3 STREETLIGHT LAYOUT-PLAN C
E100 1" = 30'

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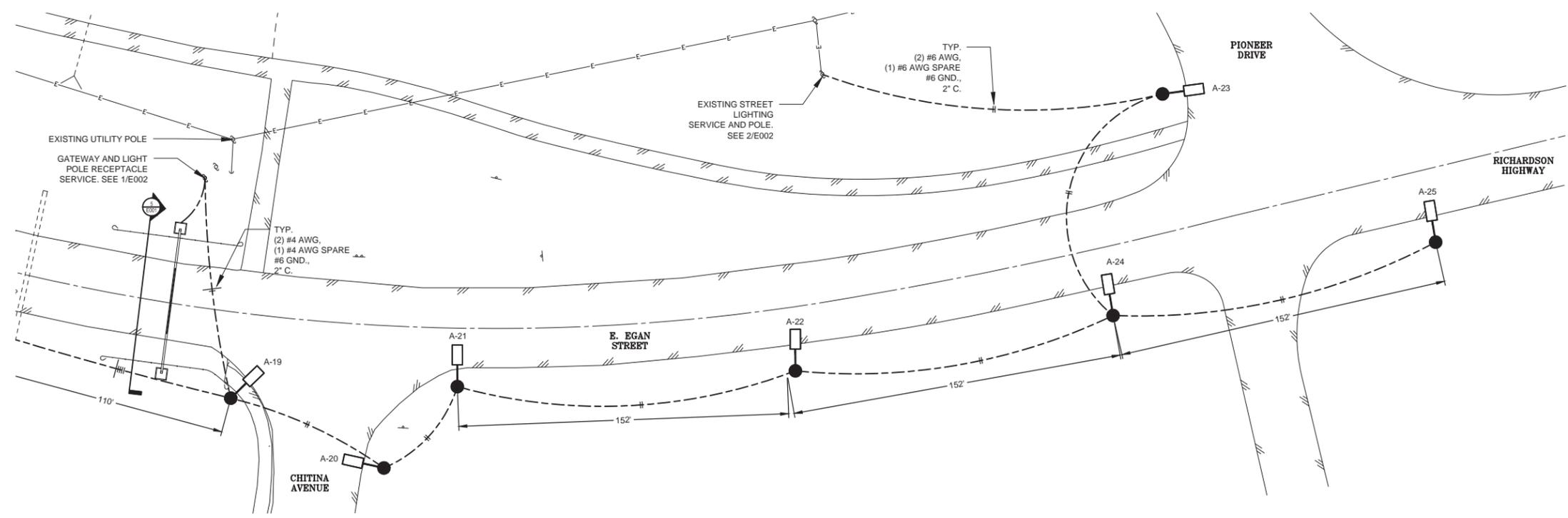
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SCALE 0" = 11"

STREETLIGHT
LAYOUT

E100



1 STREETLIGHT LAYOUT-SECTION D
E101 1" = 30'



2 STREETLIGHT LAYOUT - SECTION E
E101 1" = 30'

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ISSUE DATE 22 JUL 2015
COMM. NUMBER 001419
DESIGNED BY ETJ
DRAWN BY JML
SCALE 0" = 1"

STREETLIGHT
LAYOUT

E101