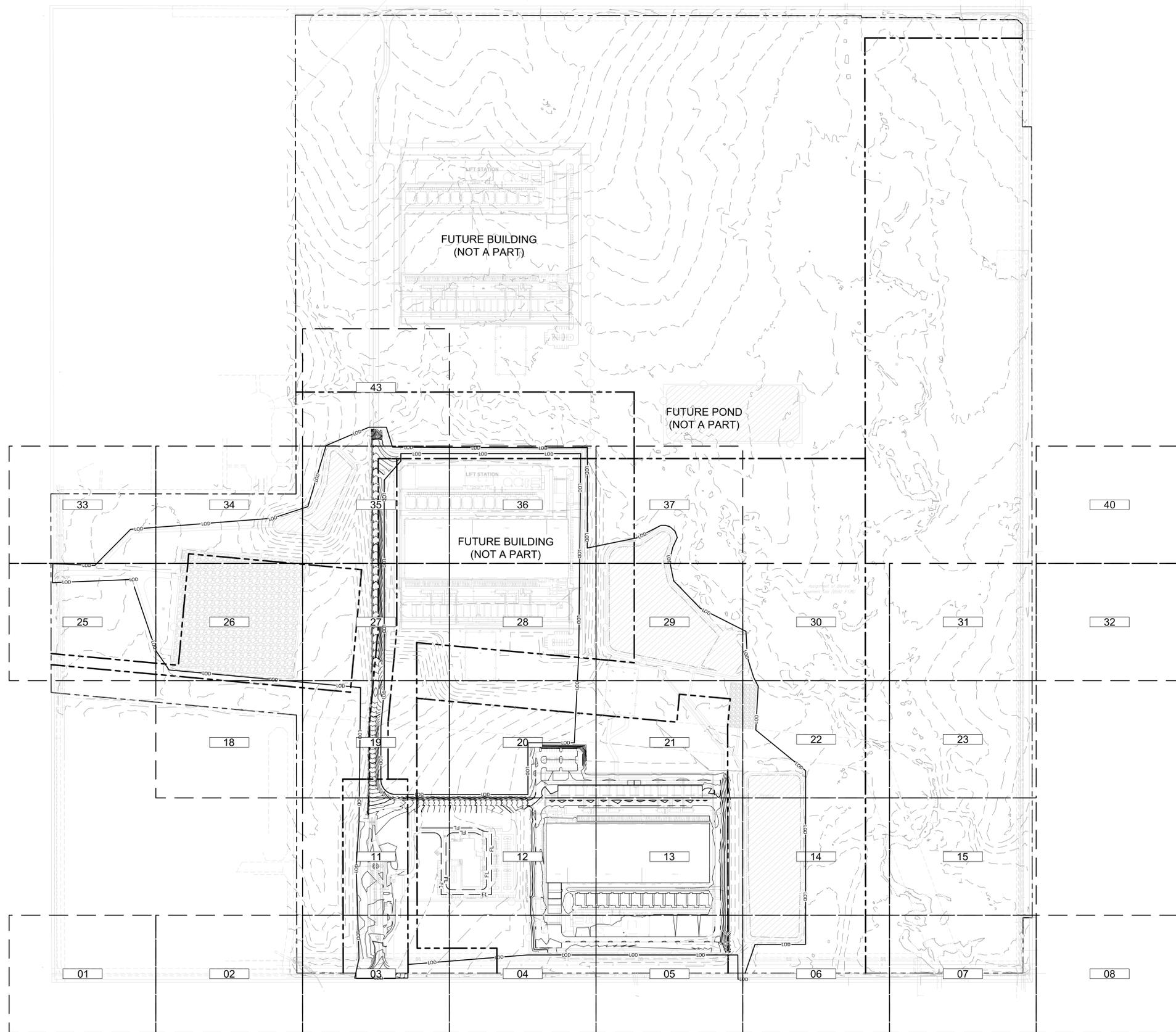
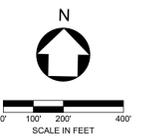


C:\ACC\ACC\docs\kimley-horn\060057900_CYL1\Project Files\00_Civil\SPS\03_Production\DWGS\CYL1A-C-3000 GRADING AND DRAINAGE PLAN - OVERALL 6/20/2025 7:37 AM



THESE DRAWINGS ARE A 65% PROGRESS SET FOR AN OVER-THE-SHOULDER REVIEW AND ARE NOT INTENDED FOR CONSTRUCTION, PERMITTING, OR REGULATORY REVIEW. THEY ARE PROVIDED SOLELY FOR REVIEW AND COORDINATION PURPOSES. THESE DRAWINGS ARE PRELIMINARY AND DO NOT INCLUDE ALL NECESSARY INFORMATION REQUIRED FOR A FINAL DESIGN. DIMENSIONS, MATERIALS, AND DESIGNS ARE SUBJECT TO CHANGE WITHOUT NOTICE AS ADDITIONAL DETAILS ARE DEVELOPED AND DESIGN DECISIONS ARE REFINED. USERS SHOULD INDEPENDENTLY VERIFY ALL DETAILS AND EXERCISE THEIR OWN PROFESSIONAL JUDGMENT BEFORE MAKING DECISIONS BASED ON THESE DRAWINGS. THESE DRAWINGS SHALL NOT BE USED FOR OBTAINING CONSTRUCTION PERMITS, COMPLETING DETAILED DESIGN, OR STARTING CONSTRUCTION ACTIVITIES.



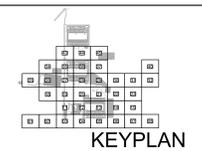
ARCHITECTURE:
HDR Architecture, Inc.
1601 UTICA AVE. SOUTH
SUITE 600
ST. LOUIS PARK, MN
55416
Ph. (763) 591-5400

STRUCTURE:
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TULSA, OK 74119
Ph. (918) 380-8868

**CYL1 - 65% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-07-24**



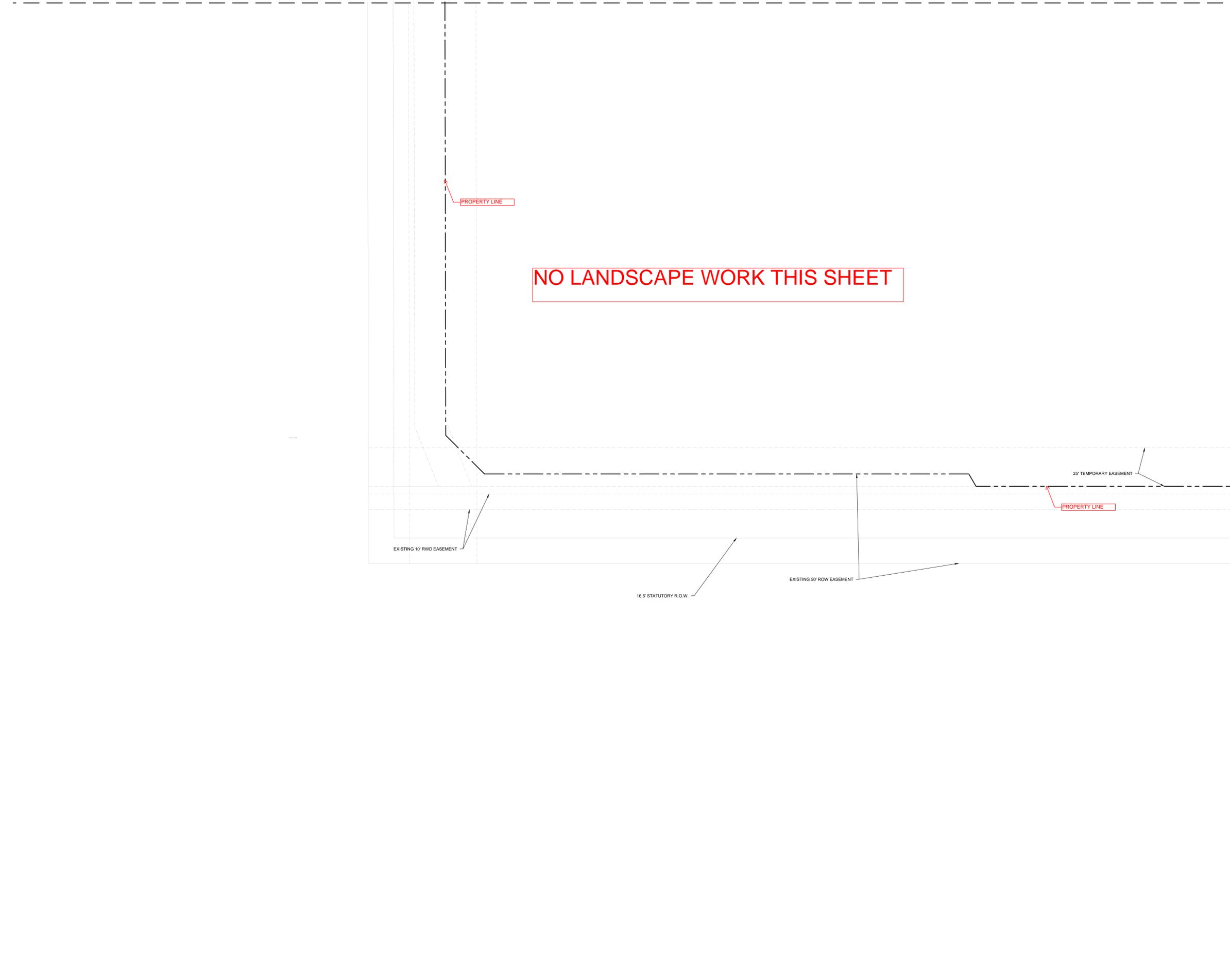
REVISIONS		
NO.	DATE	DESCRIPTION
1	2025/07/07	35% DESIGN

DRAWN: CYL1
APPRVD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN - OVERALL
SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3000
PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN

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LEGEND

	PROPERTY LINE
	EXISTING MAJOR CONTOUR (1' INTERVAL)
	EXISTING MINOR CONTOUR (1' INTERVAL)
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	GRADE BREAK
	LIMIT OF DISTURBANCE
	EXISTING EASEMENT
	EXISTING GAS LINE
	EXISTING OVERHEAD ELECTRIC
	DETENTION POND BOTTOM
	BUILDING PAD
	POND EXTENTS
	MATCHLINE
	SPOT ELEVATION
	HIGH POINT
	LOW POINT
	TOP FACE OF CURB
	BOTTOM OF CURB / GUTTER LINE
	TOP OF GRADE AT WALL
	BOTTOM OF GRADE @ EXPOSED WALL
	INVERT
	TOP OF GRATE / COVER

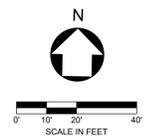
- NOTES**
- CONTRACTOR TO INSTALL ALL REQUIRED INITIAL EPSC MEASURES PER PLANS PRIOR TO ANY DEMOLITION OR CLEARING AND GRUBBING
 - NO IMPACTS TO ANY IDENTIFIED JURISDICTIONAL ENVIRONMENTAL FEATURES OF ANY KIND IS PERMITTED UNTIL APPROVAL BY ODEQ AND USACE. FOLLOWING APPROVAL, ONLY IMPACTS TO FEATURES PERMITTED BY BOTH ADEQ AND USACE IS PERMITTED AND MUST COMPLY WITH PHASING AS IDENTIFIED IN PLANS.
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 - ANY EXISTING STRUCTURE, IMPROVEMENT, OR APPURTENANCE TO REMAIN THAT IS DAMAGED DURING DEMOLITION OR CONSTRUCTION SHALL BE IMMEDIATELY REPAIRED OR REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
 - CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS AND GUIDELINES OF THE EROSION CONTROL PLAN AND SITE SWEEP.
 - WHERE EXISTING GRADE IS AT A SLOPE STEEPER THAN ONE UNIT VERTICAL IN FIVE UNITS HORIZONTAL (20-PERCENT SLOPE) AND THE DEPTH OF THE FILL EXCEEDS 5 FEET, BENCHING SHALL BE PROVIDED.
 - CONTRACTOR TO SEE ABBREVIATIONS LIST (SEE SHEET C-001), FOR CLARIFICATION.
 - CONTRACTOR TO ENSURE POSITIVE DRAINAGE. IF A CONFLICT OCCURS BETWEEN THESE PLANS AND FIELD CONDITIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
 - TC, DEFINED ON GRADING SHEETS ONLY, AS TOP FACE OF CURB.
 - CONTRACTOR SHALL CONSTRUCT ALL SIDEWALKS AND CROSSWALKS WITH A 2.0% MAXIMUM CROSS SLOPE AND A 5.0% MAXIMUM RUNNING SLOPE, UNLESS NOTED AS A RAMP. GRADES WITHIN ADA HANDICAP PARKING AREAS NOT TO EXCEED A 2.0% MAXIMUM SLOPE IN ANY DIRECTION.
 - ALL GRADING AND EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE FINAL GEOTECHNICAL ENGINEERING REPORT.

MATCHLINE SEE SHEET 1A-C-3102

LEGEND

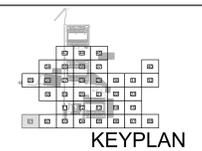
	SOD
	SEED
	SHRUBS/GROUND COVER
	AGGREGATE/GRAVEL (BY LANDSCAPE AND/OR CIVIL)

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ARCHITECTURE: HDR Architecture, Inc. 1601 UTICA AVE. SOUTH SUITE 600 ST. LOUIS PARK, MN 55416 Ph. (763) 591-5400	STRUCTURE: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	MEP: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	CIVIL: Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868
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**CYL1 - 65% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-07-24**



REVISIONS		
NO.	DATE	DESCRIPTION
1	2025/07/07	35% DESIGN

DRAWN: CYL1
APPR'VD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN
SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3101
PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN

C:\ACC\ACC\docs\kimley-horn\060057900_CYL1\Project Files\00_Civil\SPS\03_Production\DWGS\CYL1A-C-3101 GRADING AND DRAINAGE PLAN 6/19/2025 10:18 AM

MATCHLINE SEE SHEET 1A-C-3101

LEGEND

- PROPERTY LINE
- - - - - EXISTING MAJOR CONTOUR (1' INTERVAL)
- - - - - EXISTING MINOR CONTOUR (1' INTERVAL)
- - - - - PROPOSED MAJOR CONTOUR
- - - - - PROPOSED MINOR CONTOUR
- - - - - GRADE BREAK
- LOD — LIMIT OF DISTURBANCE
- - - - - EXISTING EASEMENT
- - - - - EXISTING GAS LINE
- - - - - EXISTING OVERHEAD ELECTRIC
- - - - - DETENTION POND BOTTOM
- - - - - BUILDING PAD
- - - - - POND EXTENTS
- - - - - MATCHLINE
- (2813) — SPOT ELEVATION
- HP — HIGH POINT
- LP — LOW POINT
- TC — TOP FACE OF CURB
- BC — BOTTOM OF CURB / GUTTER LINE
- TW — TOP OF GRADE AT WALL
- BW — BOTTOM OF GRADE @ EXPOSED WALL
- INV — INVERT
- RIM — TOP OF GRATE / COVER

NO LANDSCAPE WORK THIS SHEET

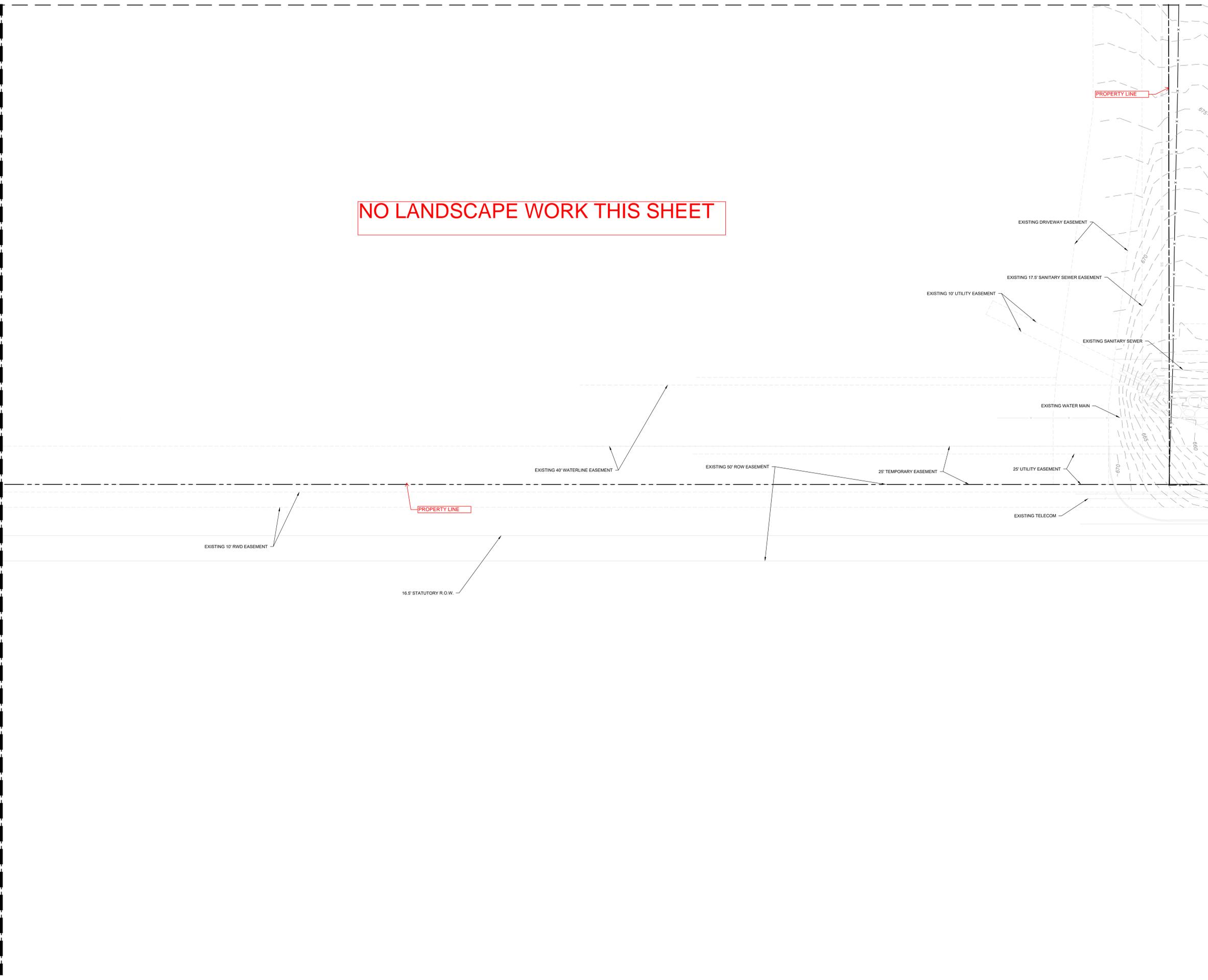
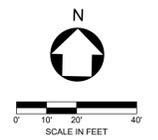
NOTES

1. CONTRACTOR TO INSTALL ALL REQUIRED INITIAL EPSC MEASURES PER PLANS PRIOR TO ANY DEMOLITION OR CLEARING AND GRUBBING
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7. WHERE EXISTING GRADE IS AT A SLOPE STEEPER THAN ONE UNIT VERTICAL IN FIVE UNITS HORIZONTAL (20-PERCENT SLOPE) AND THE DEPTH OF THE FILL EXCEEDS 5 FEET, BENCHING SHALL BE PROVIDED.
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12. ALL GRADING AND EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE FINAL GEOTECHNICAL ENGINEERING REPORT.

LEGEND

- SOD
- SEED
- SHRUBS/GROUND COVER
- AGGREGATE (GRAVEL (BY LANDSCAPE AND/OR CIVIL))

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MATCHLINE SEE SHEET 1A-C-3103

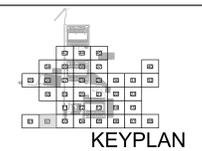
ARCHITECTURE:
HDR Architecture, Inc.
1601 UTICA AVE. SOUTH
SUITE 600
ST. LOUIS PARK, MN
55416
Ph. (763) 591-5400

STRUCTURE:
HDR Engineering, Inc.
1670 BROADWAY
DENVER, CO 80202
Ph. (763) 591-5400

MEP:
HDR Engineering, Inc.
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Ph. (763) 591-5400

CIVIL:
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1437 S BOULDER AVE.
TULSA, OK 74119
Ph. (918) 380-8868

**CYL1 - 65% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-07-24**



REVISIONS		
NO.	DATE	DESCRIPTION
1	2025/07/07	35% DESIGN

DRAWN: CYL1
APPR'VD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN
SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3102
PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN

MATCHLINE SEE SHEET 1A-C-3111

LEGEND

- PROPERTY LINE
- - - - - EXISTING MAJOR CONTOUR (1' INTERVAL)
- - - - - EXISTING MINOR CONTOUR (1' INTERVAL)
- - - - - PROPOSED MAJOR CONTOUR (1' INTERVAL)
- - - - - PROPOSED MINOR CONTOUR
- - - - - GRADE BREAK
- - - - - LIMIT OF DISTURBANCE
- - - - - EXISTING EASEMENT
- - - - - EXISTING GAS LINE
- - - - - EXISTING OVERHEAD ELECTRIC
- - - - - DETENTION POND BOTTOM
- - - - - BUILDING PAD
- - - - - POND EXTENTS
- - - - - MATCHLINE
- (ELEV.) SPOT ELEVATION
- HP HIGH POINT
- LP LOW POINT
- TC TOP FACE OF CURB
- BC BOTTOM OF CURB / GUTTER LINE
- TW TOP OF GRADE AT WALL
- BW BOTTOM OF GRADE @ EXPOSED WALL
- INV INVERT
- RIM TOP OF GRATE / COVER

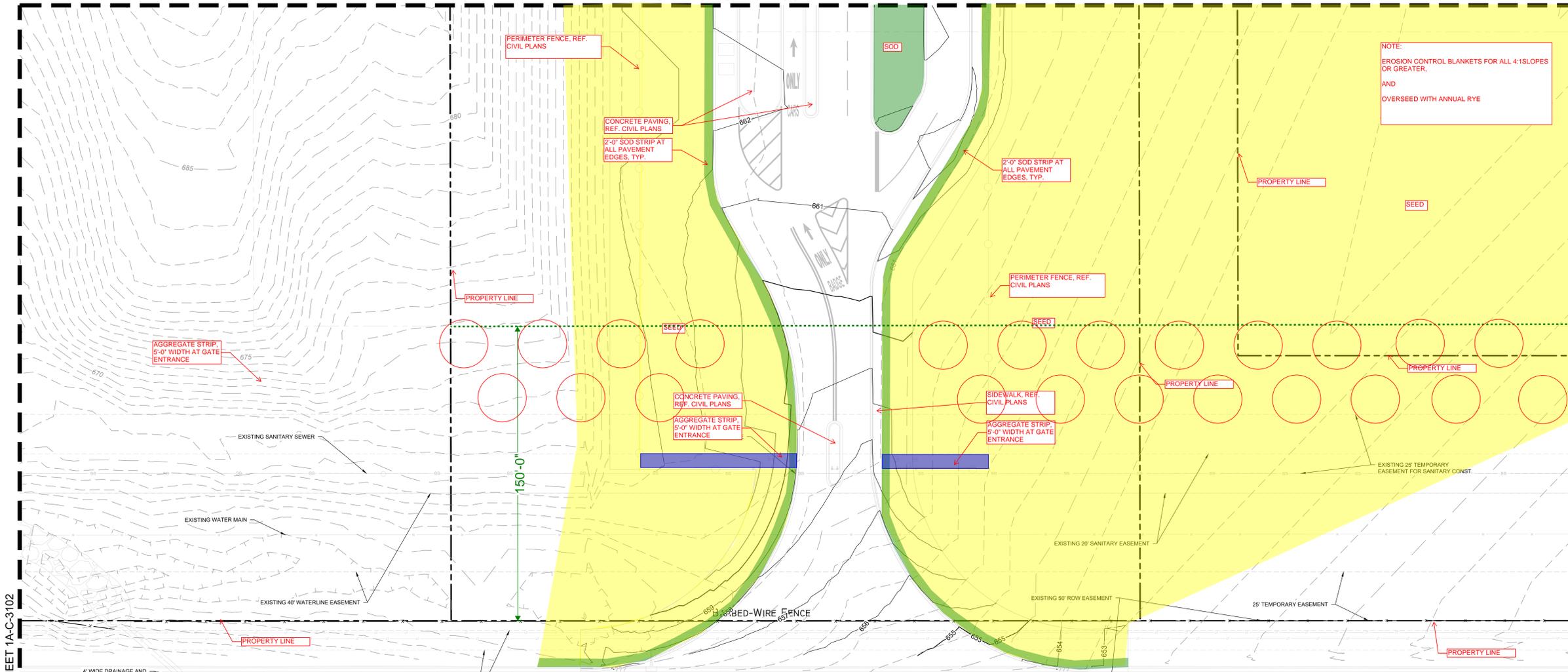
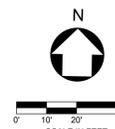
NOTES

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LEGEND

- SOD
- SEED
- SHRUBS/GROUND COVER
- AGGREGATE/GRAVEL (BY LANDSCAPE AND/OR CIVIL)

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MATCHLINE SEE SHEET 1A-C-3102

MATCHLINE SEE SHEET 1A-C-3104

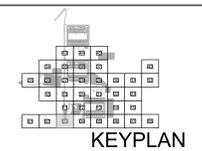
ARCHITECTURE:
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**CYL1 - 65% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-07-24**



REVISIONS		
NO.	DATE	DESCRIPTION
1	2025/07/07	35% DESIGN

DRAWN: CYL1
APPR'VD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN
SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3103
PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN

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MATCHLINE SEE SHEET 1A-C-3112

LEGEND

NOTE:
EROSION CONTROL BLANKETS FOR ALL 4:1 SLOPES OR GREATER,
AND
OVERSEED WITH ANNUAL RYE

2'-0" SOD STRIP AT ALL PAVEMENT EDGES, TYP.
GRAVEL SECURITY ACCESS PATH, REF. CIVIL PLANS
PERIMETER FENCE, REF. CIVIL PLANS
there may be a security access path in this location - ref. civil dwgs

SHADE TREE
SOD
RETAINING WALL, REF. CIVIL DWGS
SIDEWALK, REF. CIVIL DWGS
SCREENING SHRUBS
DUMPSTER PAD, REF. CIVIL DWGS

2'-0" SOD STRIP AT ALL PAVEMENT EDGES, TYP.

NOTE FOR TEAM:
SOD BETWEEN GRAVEL AND FENCE, CONFIRM EDGE RESTRAINT WITH CIVIL

PERIMETER FENCE, REF. CIVIL PLANS
GRAVEL SECURITY ACCESS PATH, REF. CIVIL PLANS

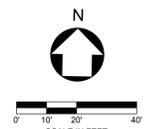
- PROPERTY LINE
- EXISTING MAJOR CONTOUR (1' INTERVAL)
- EXISTING MINOR CONTOUR (1' INTERVAL)
- PROPOSED MAJOR CONTOUR (1' INTERVAL)
- PROPOSED MINOR CONTOUR (1' INTERVAL)
- GRADE BREAK
- LIMIT OF DISTURBANCE
- EXISTING EASEMENT
- EXISTING GAS LINE
- EXISTING OVERHEAD ELECTRIC
- DETECTION POND BOTTOM
- BUILDING PAD
- POND EXTENTS
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- SPOT ELEVATION
- HP HIGH POINT
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- TC TOP FACE OF CURB
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- TW TOP OF GRADE AT WALL
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LEGEND

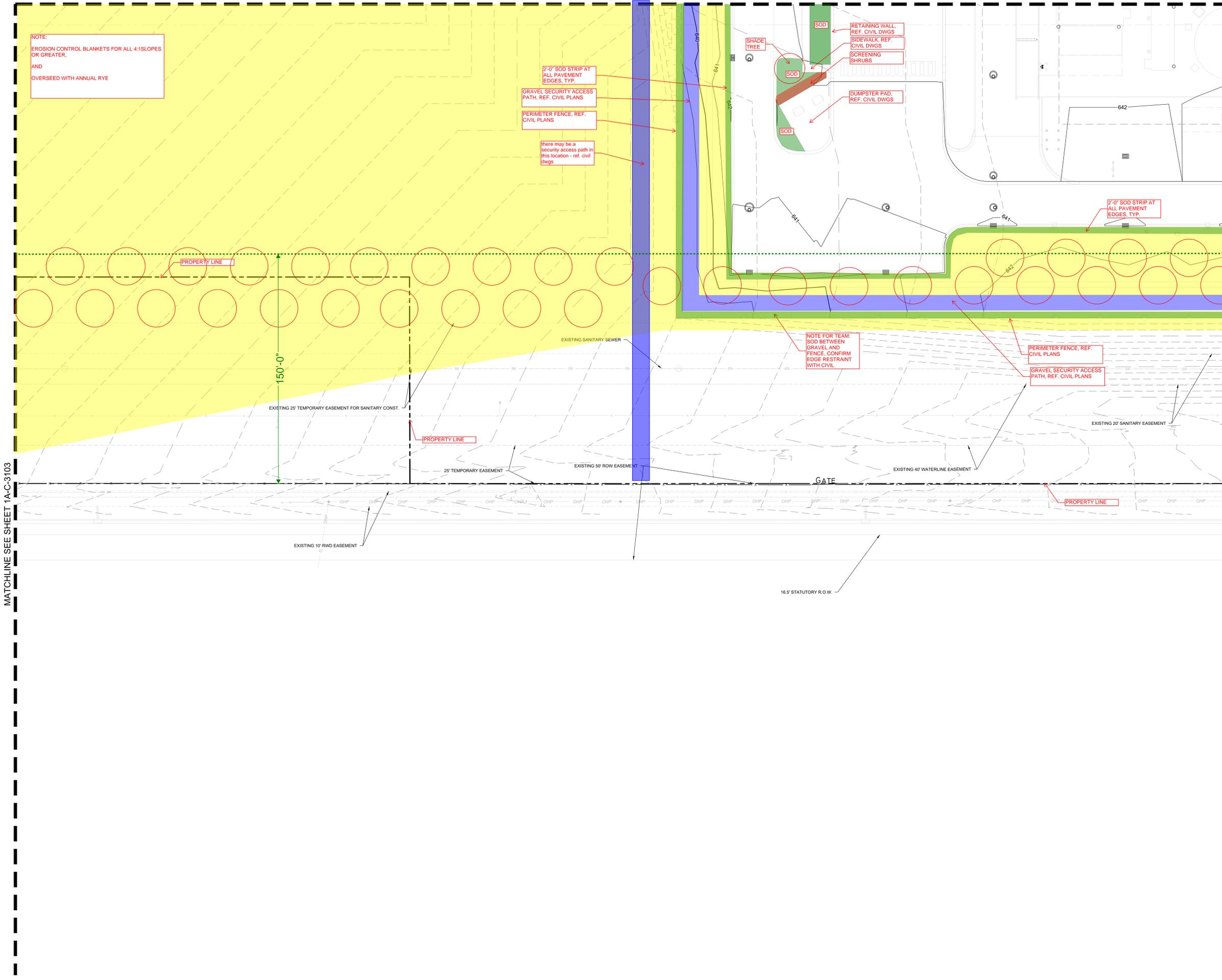
- SOD
- SEED
- SHRUBS/GROUNDCOVER
- AGGREGATE/GRAVEL (BY LANDSCAPE AND/OR CIVIL)

THESE DRAWINGS ARE A 65% PROGRESS SET FOR AN OVER-THE-SHOULDER REVIEW AND ARE NOT INTENDED FOR CONSTRUCTION, PERMITTING, OR REGULATORY REVIEW. THEY ARE PROVIDED SOLELY FOR REVIEW AND COORDINATION PURPOSES. THESE DRAWINGS ARE PRELIMINARY AND DO NOT INCLUDE ALL NECESSARY INFORMATION REQUIRED FOR A FINAL DESIGN. DIMENSIONS, MATERIALS, AND DESIGNS ARE SUBJECT TO CHANGE WITHOUT NOTICE AS ADDITIONAL DETAILS ARE DEVELOPED AND DESIGN DECISIONS ARE REFINED. USERS SHOULD INDEPENDENTLY VERIFY ALL DETAILS AND EXERCISE THEIR OWN PROFESSIONAL JUDGMENT BEFORE MAKING DECISIONS BASED ON THESE DRAWINGS. THESE DRAWINGS SHALL NOT BE USED FOR OBTAINING CONSTRUCTION PERMITS, COMPLETING DETAILED DESIGN, OR STARTING CONSTRUCTION ACTIVITIES.



MATCHLINE SEE SHEET 1A-C-3103

MATCHLINE SEE SHEET 1A-C-3105



C:\ACC\ACCDocs\Kimley-Horn\060057900_CYL1\Project Files\00_Civil\SPS\03_Production-DWG\CYL1A-C-3101 GRADING AND DRAINAGE PLAN 6/19/2025 10:18 AM

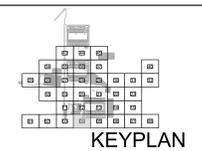
ARCHITECTURE: HDR Architecture, Inc. 1601 UTICA AVE. SOUTH SUITE 600 ST. LOUIS PARK, MN 55416 Ph. (763) 591-5400

STRUCTURE: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400

MEP: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400

CIVIL: Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868

**CYL1 - 65% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-07-24**



REVISIONS	
NO.	DATE
1	2025/07/07
	DESCRIPTION:
	35% DESIGN

DRAWN: CYL1
APPR'VD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN
SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3104
PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN

MATCHLINE SEE SHEET 1A-C-3113

LEGEND

- PROPERTY LINE
- - - - - EXISTING MAJOR CONTOUR (1' INTERVAL)
- - - - - EXISTING MINOR CONTOUR (1' INTERVAL)
- - - - - PROPOSED MAJOR CONTOUR
- - - - - PROPOSED MINOR CONTOUR
- GRADE BREAK
- - - - - LIMIT OF DISTURBANCE
- - - - - EXISTING EASEMENT
- - - - - EXISTING GAS LINE
- - - - - EXISTING OVERHEAD ELECTRIC
- - - - - DETENTION POND BOTTOM
- - - - - BUILDING PAD
- - - - - POND EXTENTS
- - - - - MATCHLINE
- (8193) SPOT ELEVATION
- HP HIGH POINT
- LP LOW POINT
- TC TOP FACE OF CURB
- BC BOTTOM OF CURB / GUTTER LINE
- TW TOP OF GRADE AT WALL
- BW BOTTOM OF GRADE @ EXPOSED WALL
- INV INVERT
- RIM TOP OF GRATE / COVER

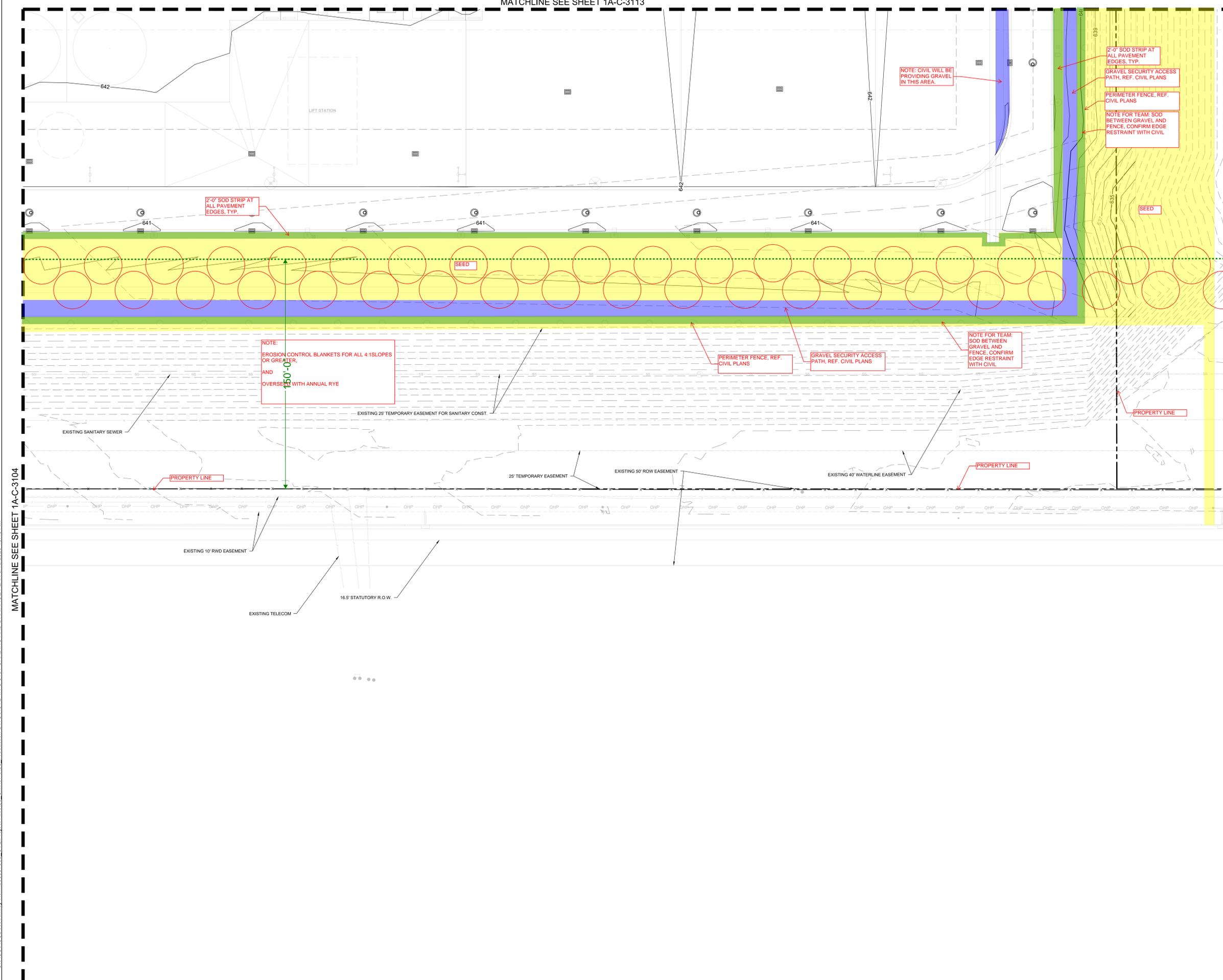
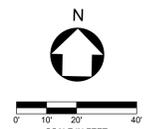
NOTES

1. CONTRACTOR TO INSTALL ALL REQUIRED INITIAL EPSC MEASURES PER PLANS PRIOR TO ANY DEMOLITION OR CLEARING AND GRUBBING
2. NO IMPACTS TO ANY IDENTIFIED JURISDICTIONAL ENVIRONMENTAL FEATURES OF ANY KIND IS PERMITTED UNTIL APPROVAL BY ODEQ AND USACE. FOLLOWING APPROVAL, ONLY IMPACTS TO FEATURES PERMITTED BY BOTH ADEQ AND USACE IS PERMITTED AND MUST COMPLY WITH PHASING AS IDENTIFIED IN PLANS.
3. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS SHOWN ON PLAN AND IMMEDIATELY NOTIFY ENGINEER/OWNER OF ANY DISCREPANCIES.
4. FEATURES BEYOND THE LIMITS OF DISTURBANCE (LOD) AND WITHIN THE LOD, UNLESS IDENTIFIED FOR REMOVAL ON THE PLANS, SHALL BE PROTECTED IN PLACE (PIP) BY THE CONTRACTOR FOR THE DURATION OF THE WORK.
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6. CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS AND GUIDELINES OF THE EROSION CONTROL PLAN AND SITE SWPPP.
7. WHERE EXISTING GRADE IS AT A SLOPE STEEPER THAN ONE UNIT VERTICAL IN FIVE UNITS HORIZONTAL (20-PERCENT SLOPE) AND THE DEPTH OF THE FILL EXCEEDS 5 FEET, BENCHING SHALL BE PROVIDED.
8. CONTRACTOR TO SEE ABBREVIATIONS LIST (SEE SHEET C-001), FOR CLARIFICATION.
9. CONTRACTOR TO ENSURE POSITIVE DRAINAGE. IF A CONFLICT OCCURS BETWEEN THESE PLANS AND FIELD CONDITIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
10. TC, DEFINED ON GRADING SHEETS ONLY, AS TOP FACE OF CURB.
11. CONTRACTOR SHALL CONSTRUCT ALL SIDEWALKS AND CROSSWALKS WITH A 2.0% MAXIMUM CROSS SLOPE AND A 5.0% MAXIMUM RUNNING SLOPE, UNLESS NOTED AS A RAMP. GRADES WITHIN ADA HANDICAP PARKING AREAS NOT TO EXCEED A 2.0% MAXIMUM SLOPE IN ANY DIRECTION.
12. ALL GRADING AND EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE FINAL GEOTECHNICAL ENGINEERING REPORT.

LEGEND

- SOD
- SEED
- SHRUBS/GROUNDCOVER
- AGGREGATE/GRAVEL (BY LANDSCAPE AND/OR CIVIL)

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MATCHLINE SEE SHEET 1A-C-3104

MATCHLINE SEE SHEET 1A-C-3106

C:\ACC\ACCDocs\Kimley-Horn\060057900_CYL1\Project Files\00_Civil\SPS03_Production\DWGS\CYL1A-C-3101 GRADING AND DRAINAGE PLAN 6/19/2025 10:18 AM

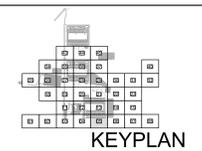
ARCHITECTURE:
HDR Architecture, Inc.
1601 UTICA AVE. SOUTH
SUITE 600
ST. LOUIS PARK, MN
55416
Ph. (763) 591-5400

STRUCTURE:
HDR Engineering, Inc.
1670 BROADWAY
DENVER, CO 80202
Ph. (763) 591-5400

MEP:
HDR Engineering, Inc.
1670 BROADWAY
DENVER, CO 80202
Ph. (763) 591-5400

CIVIL:
Kimley-Horn Associates, Inc.
1437 S BOULDER AVE.
TULSA, OK 74119
Ph. (918) 380-8868

**CYL1 - 65% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-07-24**



REVISIONS	
NO.	DATE
1	2025/07/07
	35% DESIGN

DRAWN: CYL1
APPR'VD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN
SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3105
PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN

MATCHLINE SEE SHEET 1A-C-3114

LEGEND

- PROPERTY LINE
- - - - - EXISTING MAJOR CONTOUR (1' INTERVAL)
- - - - - EXISTING MINOR CONTOUR (1' INTERVAL)
- PROPOSED MAJOR CONTOUR (1' INTERVAL)
- - - - - PROPOSED MINOR CONTOUR
- GRADE BREAK
- LOD LIMIT OF DISTURBANCE
- - - - - EXISTING EASEMENT
- - - - - EXISTING GAS LINE
- - - - - EXISTING OVERHEAD ELECTRIC
- - - - - DETENTION POND BOTTOM
- - - - - BUILDING PAD
- - - - - POND EXTENTS
- - - - - MATCHLINE
- SPOT ELEVATION
- HP HIGH POINT
- LP LOW POINT
- TC TOP FACE OF CURB
- BC BOTTOM OF CURB / GUTTER LINE
- TW TOP OF GRADE AT WALL
- BW BOTTOM OF GRADE @ EXPOSED WALL
- INV INVERT
- RIM TOP OF GRATE / COVER

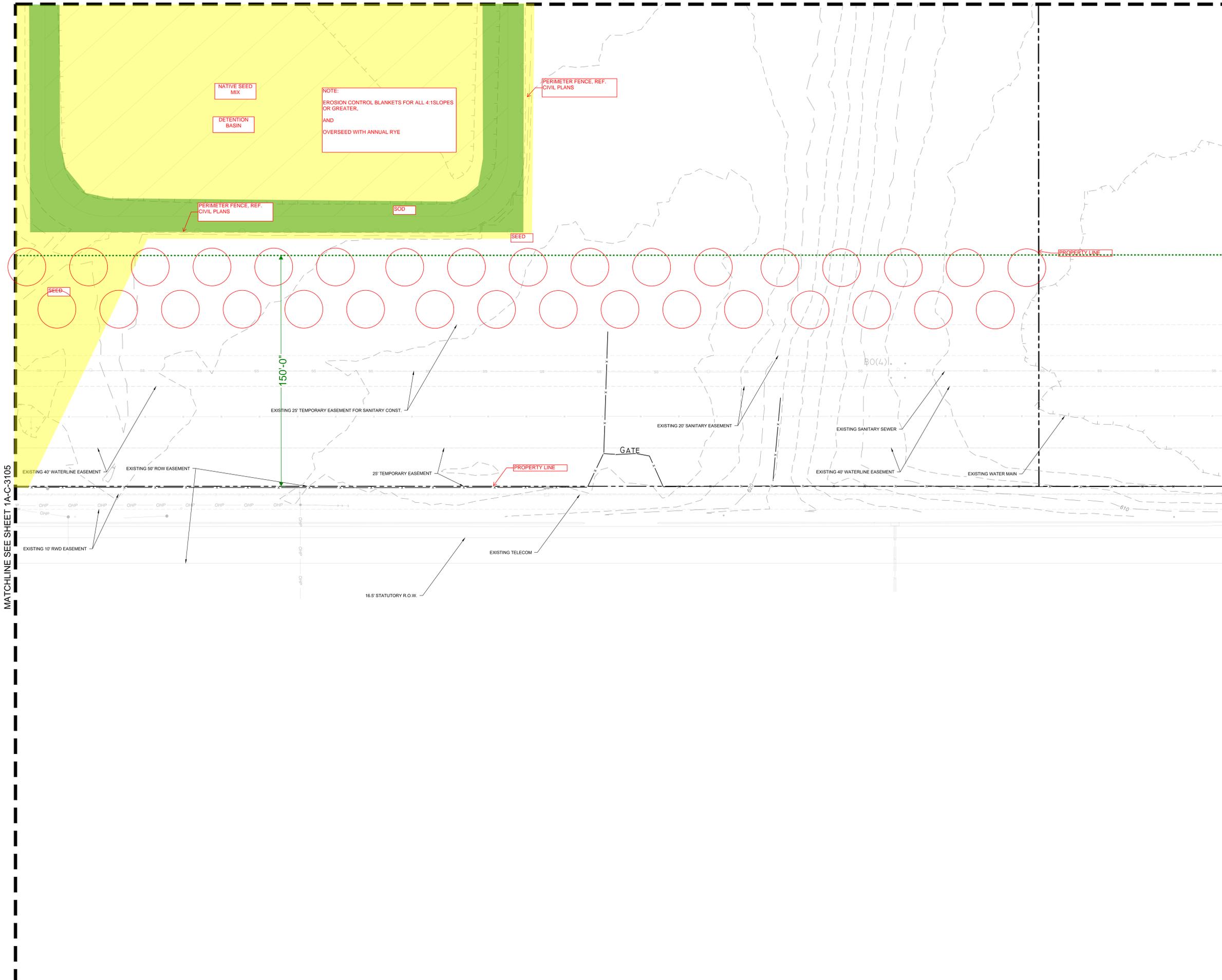
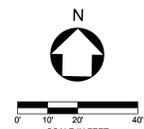
NOTES

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12. ALL GRADING AND EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE FINAL GEOTECHNICAL ENGINEERING REPORT.

LEGEND

- [Green Box] SOD
- [Yellow Box] SEED
- [Red Box] SHRUBS/GROUND COVER
- [Blue Box] AGGREGATE/GRAVEL (BY LANDSCAPE AND/OR CIVIL)

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C:\ACC\ACCDC\Kimley-Horn\060057900_CYL1\Project Files\00_Civil\SPS\03_Production\DWGS\CYL1-1A-C-3106 GRADING AND DRAINAGE PLAN 7/24/2025 8:54 PM

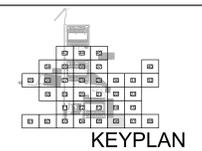
ARCHITECTURE: HDR Architecture, Inc. 1601 UTICA AVE. SOUTH SUITE 600 ST. LOUIS PARK, MN 55416 Ph. (763) 591-5400

STRUCTURE: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400

MEP: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400

CIVIL: Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868

**CYL1 - 65% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-07-24**



REVISIONS		
NO.	DATE	DESCRIPTION
1	2025/07/07	35% DESIGN

DRAWN: CYL1

APPR'VD:

PROJECT ADDRESS: CONFIDENTIAL

PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN

SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3106

PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN

- PROPERTY LINE
- - - - - EXISTING MAJOR CONTOUR (1' INTERVAL)
- - - - - EXISTING MINOR CONTOUR (1' INTERVAL)
- - - - - PROPOSED MAJOR CONTOUR
- - - - - PROPOSED MINOR CONTOUR
- - - - - GRADE BREAK
- - - - - LIMIT OF DISTURBANCE
- - - - - EXISTING EASEMENT
- - - - - EXISTING GAS LINE
- - - - - EXISTING OVERHEAD ELECTRIC
- - - - - DETENTION POND BOTTOM
- - - - - BUILDING PAD
- - - - - POND EXTENTS
- - - - - MATCHLINE
- (ELEV) SPOT ELEVATION
- HP HIGH POINT
- LP LOW POINT
- TC TOP FACE OF CURB
- BC BOTTOM OF CURB / GUTTER LINE
- TW TOP OF GRADE AT WALL
- BW BOTTOM OF GRADE @ EXPOSED WALL
- INV INVERT
- RIM TOP OF GRATE / COVER

NOTES

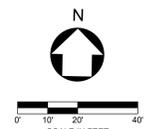
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12. ALL GRADING AND EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE FINAL GEOTECHNICAL ENGINEERING REPORT.

NO LANDSCAPE WORK THIS SHEET

LEGEND

- SOD
- SEED
- SHRUBS/GROUND COVER
- AGGREGATE/GRAVEL (BY LANDSCAPE AND/OR CIVIL)

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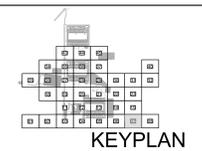
MATCHLINE SEE SHEET 1A-C-3106

MATCHLINE SEE SHEET 1A-C-3108

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ARCHITECTURE: HDR Architecture, Inc. 1601 UTICA AVE. SOUTH SUITE 600 ST. LOUIS PARK, MN 55416 Ph. (763) 591-5400	STRUCTURE: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	MEP: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	CIVIL: Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868
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**CYL1 - 65% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-07-24**



REVISIONS	
NO.	DATE
1	2025/07/07
	35% DESIGN

DRAWN: CYL1
APPR'VD:
PROJECT ADDRESS:
CONFIDENTIAL
PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN
SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3107
PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN

C:\ACC\ACC\docs\Kimley-Horn\060057900_CYL1\Project Files\00_Civil\SPS03_Production-DWG\CYL1-1A-C-3108 GRADING AND DRAINAGE PLAN 7/24/2025 9:54 PM

MATCHLINE SEE SHEET 1A-C-3107

NT FOR SANITARY CONST.

NO LANDSCAPE WORK THIS SHEET

LEGEND

- PROPERTY LINE
- EXISTING MAJOR CONTOUR (1' INTERVAL)
- EXISTING MINOR CONTOUR (1' INTERVAL)
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- GRADE BREAK
- LIMIT OF DISTURBANCE
- EXISTING EASEMENT
- EXISTING GAS LINE
- EXISTING OVERHEAD ELECTRIC
- DETENTION POND BOTTOM
- BUILDING PAD
- POND EXTENTS
- MATCHLINE
- SPOT ELEVATION
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- LOW POINT
- TOP FACE OF CURB
- BOTTOM OF CURB / GUTTER LINE
- TOP OF GRADE AT WALL
- BOTTOM OF GRADE @ EXPOSED WALL
- INVERT
- TOP OF GRATE / COVER

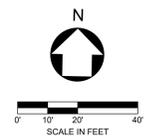
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LEGEND

- SOD
- SEED
- SHRUBS/GROUND COVER
- AGGREGATE/GRAVEL (BY LANDSCAPE AND/OR CIVIL)

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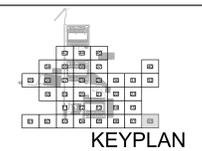
ARCHITECTURE:
HDR Architecture, Inc.
1601 UTICA AVE. SOUTH
SUITE 600
ST. LOUIS PARK, MN
55416
Ph. (763) 591-5400

STRUCTURE:
HDR Engineering, Inc.
1670 BROADWAY
DENVER, CO 80202
Ph. (763) 591-5400

MEP:
HDR Engineering, Inc.
1670 BROADWAY
DENVER, CO 80202
Ph. (763) 591-5400

CIVIL:
Kimley-Horn Associates, Inc.
1437 S BOULDER AVE.
TULSA, OK 74119
Ph. (918) 380-8868

**CYL1 - 65% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-07-24**



REVISIONS		
NO.	DATE	DESCRIPTION
1	2025/07/07	35% DESIGN

DRAWN: CYL1

APPR'VD:

PROJECT ADDRESS:
CONFIDENTIAL

PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN

SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3108

PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN

- PROPERTY LINE
- 200 — EXISTING MAJOR CONTOUR (1' INTERVAL)
- 201 — EXISTING MINOR CONTOUR (1' INTERVAL)
- 200 — PROPOSED MAJOR CONTOUR (1' INTERVAL)
- 201 — PROPOSED MINOR CONTOUR
- LOD — GRADE BREAK
- LIMIT OF DISTURBANCE
- G — EXISTING EASEMENT
- CHE — EXISTING GAS LINE
- EXISTING OVERHEAD ELECTRIC
- DETENTION POND BOTTOM
- BUILDING PAD
- POND EXTENTS
- MATCHLINE
- SPOT ELEVATION
- HP — HIGH POINT
- LP — LOW POINT
- TC — TOP FACE OF CURB
- BC — BOTTOM OF CURB / GUTTER LINE
- TW — TOP OF GRADE AT WALL
- BW — BOTTOM OF GRADE @ EXPOSED WALL
- INV — INVERT
- RIM — TOP OF GRATE / COVER

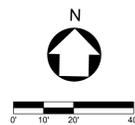
NOTES

1. CONTRACTOR TO INSTALL ALL REQUIRED INITIAL EPSC MEASURES PER PLANS PRIOR TO ANY DEMOLITION OR CLEARING AND GRUBBING
2. NO IMPACTS TO ANY IDENTIFIED JURISDICTIONAL ENVIRONMENTAL FEATURES OF ANY KIND IS PERMITTED UNTIL APPROVAL BY ODEQ AND USACE. FOLLOWING APPROVAL, ONLY IMPACTS TO FEATURES PERMITTED BY BOTH ADEQ AND USACE IS PERMITTED AND MUST COMPLY WITH PHASING AS IDENTIFIED IN PLANS.
3. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS SHOWN ON PLAN AND IMMEDIATELY NOTIFY ENGINEER/OWNER OF ANY DISCREPANCIES.
4. FEATURES BEYOND THE LIMITS OF DISTURBANCE (LOD) AND WITHIN THE LOD, UNLESS IDENTIFIED FOR REMOVAL ON THE PLANS, SHALL BE PROTECTED IN PLACE (PIP) BY THE CONTRACTOR FOR THE DURATION OF THE WORK.
5. ANY EXISTING STRUCTURE, IMPROVEMENT, OR APPURTENANCE TO REMAIN THAT IS DAMAGED DURING DEMOLITION OR CONSTRUCTION SHALL BE IMMEDIATELY REPAIRED OR REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
6. CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS AND GUIDELINES OF THE EROSION CONTROL PLAN AND SITE SWPPP.
7. WHERE EXISTING GRADE IS AT A SLOPE STEEPER THAN ONE UNIT VERTICAL IN FIVE UNITS HORIZONTAL (20-PERCENT SLOPE) AND THE DEPTH OF THE FILL EXCEEDS 5 FEET, BENCHING SHALL BE PROVIDED.
8. CONTRACTOR TO SEE ABBREVIATIONS LIST (SEE SHEET C-001), FOR CLARIFICATION.
9. CONTRACTOR TO ENSURE POSITIVE DRAINAGE. IF A CONFLICT OCCURS BETWEEN THESE PLANS AND FIELD CONDITIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
10. TC, DEFINED ON GRADING SHEETS ONLY, AS TOP FACE OF CURB.
11. CONTRACTOR SHALL CONSTRUCT ALL SIDEWALKS AND CROSSWALKS WITH A 2.0% MAXIMUM CROSS SLOPE AND A 5.0% MAXIMUM RUNNING SLOPE, UNLESS NOTED AS A RAMP. GRADES WITHIN ADA HANDICAP PARKING AREAS NOT TO EXCEED A 2.0% MAXIMUM SLOPE IN ANY DIRECTION.
12. ALL GRADING AND EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE FINAL GEOTECHNICAL ENGINEERING REPORT.

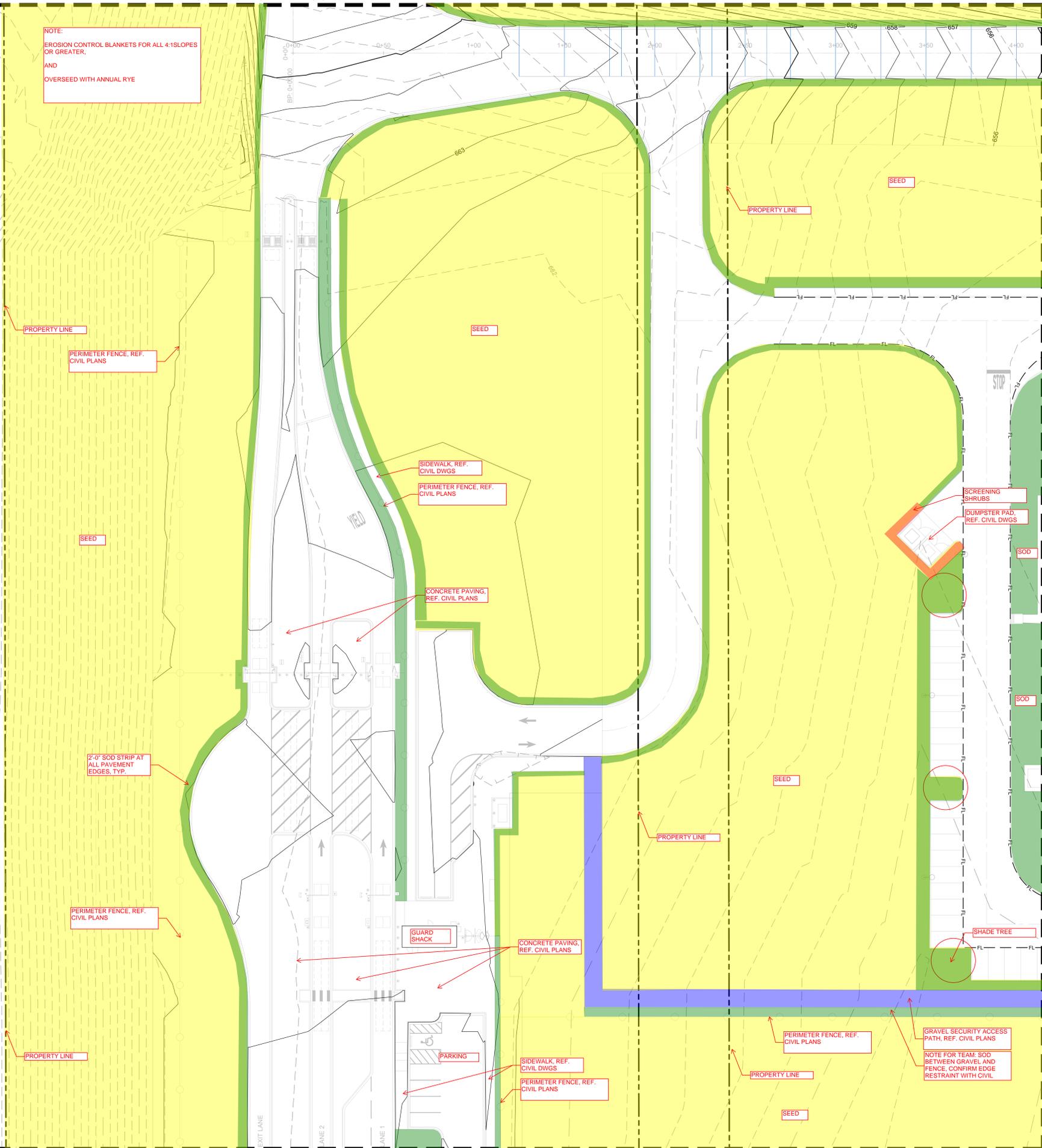
LEGEND

- SOD
- SEED
- SHRUBS/GROUNDCOVER
- AGGREGATE/GRAVEL (BY LANDSCAPE AND/OR CIVIL)

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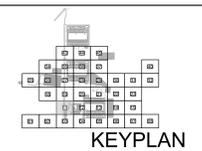
NOTE:
EROSION CONTROL BLANKETS FOR ALL 4:1 SLOPES OR GREATER,
AND
OVERSEED WITH ANNUAL RYE



C:\ACC\ACCDocs\Kimley-Horn\060057900_CYL1\Project Files\00_Civil\SPS103_Production\DWGS\CYL1A-C-3101 GRADING AND DRAINAGE PLAN 6/19/2025 10:18 AM

ARCHITECTURE:	STRUCTURE:	MEP:	CIVIL:
HDR Architecture, Inc. 1601 UTICA AVE. SOUTH SUITE 600 ST. LOUIS PARK, MN 55416 Ph. (763) 591-5400	HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868

**CYL1 - 65% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-07-24**



REVISIONS	
NO.	DATE DESCRIPTION
1	2025/07/07 35% DESIGN

DRAWN: CYL1
APPRVD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN
SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3111
PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN

MATCHLINE SEE SHEET 1A-C-3120

LEGEND

- PROPERTY LINE
- - - EXISTING MAJOR CONTOUR (1' INTERVAL)
- - - EXISTING MINOR CONTOUR (1' INTERVAL)
- PROPOSED MAJOR CONTOUR
- - - PROPOSED MINOR CONTOUR
- GRADE BREAK
- LOD
- LIMIT OF DISTURBANCE
- - - EXISTING EASEMENT
- - - EXISTING GAS LINE
- - - EXISTING OVERHEAD ELECTRIC
- DETENTION POND BOTTOM
- BUILDING PAD
- POND EXTENTS
- MATCHLINE
- SPOT ELEVATION
- HP HIGH POINT
- LP LOW POINT
- TC TOP FACE OF CURB
- BC BOTTOM OF CURB / GUTTER LINE
- TW TOP OF GRADE AT WALL
- BW BOTTOM OF GRADE @ EXPOSED WALL
- INV INVERT
- RIM TOP OF GRATE / COVER

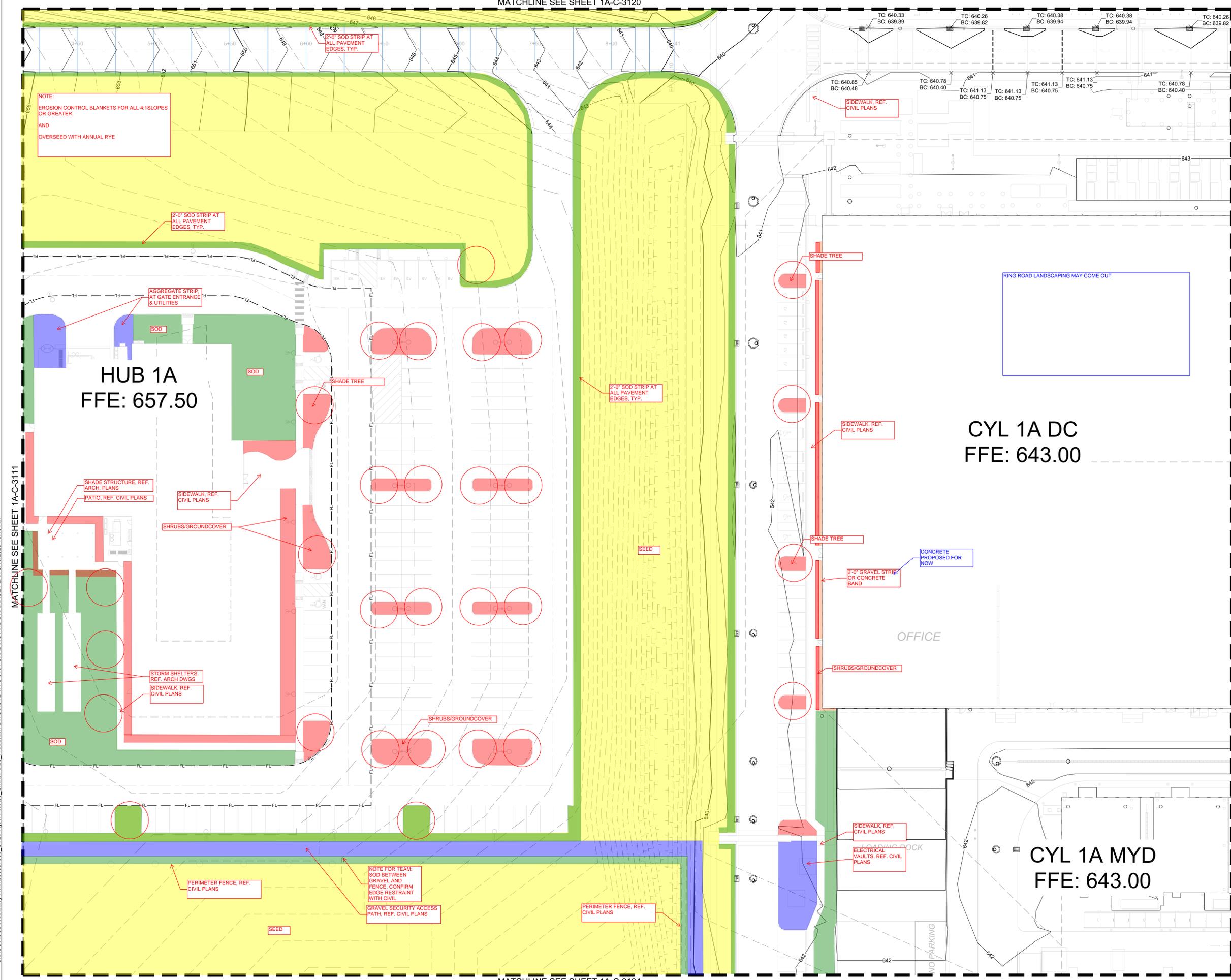
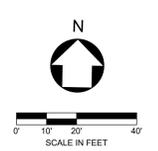
NOTES

1. CONTRACTOR TO INSTALL ALL REQUIRED INITIAL EPSC MEASURES PER PLANS PRIOR TO ANY DEMOLITION OR CLEARING AND GRUBBING
2. NO IMPACTS TO ANY IDENTIFIED JURISDICTIONAL ENVIRONMENTAL FEATURES OF ANY KIND IS PERMITTED UNTIL APPROVAL BY ODEQ AND USACE. FOLLOWING APPROVAL, ONLY IMPACTS TO FEATURES PERMITTED BY BOTH ADEQ AND USACE IS PERMITTED AND MUST COMPLY WITH PHASING AS IDENTIFIED IN PLANS.
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12. ALL GRADING AND EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE FINAL GEOTECHNICAL ENGINEERING REPORT.

LEGEND

- SOD
- SEED
- SHRUBS/GROUNDCOVER
- AGGREGATE/GRAVEL (BY LANDSCAPE AND/OR CIVIL)

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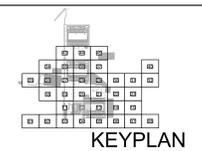
MATCHLINE SEE SHEET 1A-C-3111

MATCHLINE SEE SHEET 1A-C-3113

MATCHLINE SEE SHEET 1A-C-3104

ARCHITECTURE: HDR Architecture, Inc. 1601 UTICA AVE. SOUTH SUITE 600 ST. LOUIS PARK, MN 55416 Ph. (763) 591-5400	STRUCTURE: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	MEP: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	CIVIL: Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868
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**CYL1 - 65% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-07-24**



REVISIONS	
NO.	DATE
1	2025/07/07
	DESCRIPTION
	35% DESIGN

DRAWN: CYL1
APPR'VD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN
SCALE: AS SHOWN

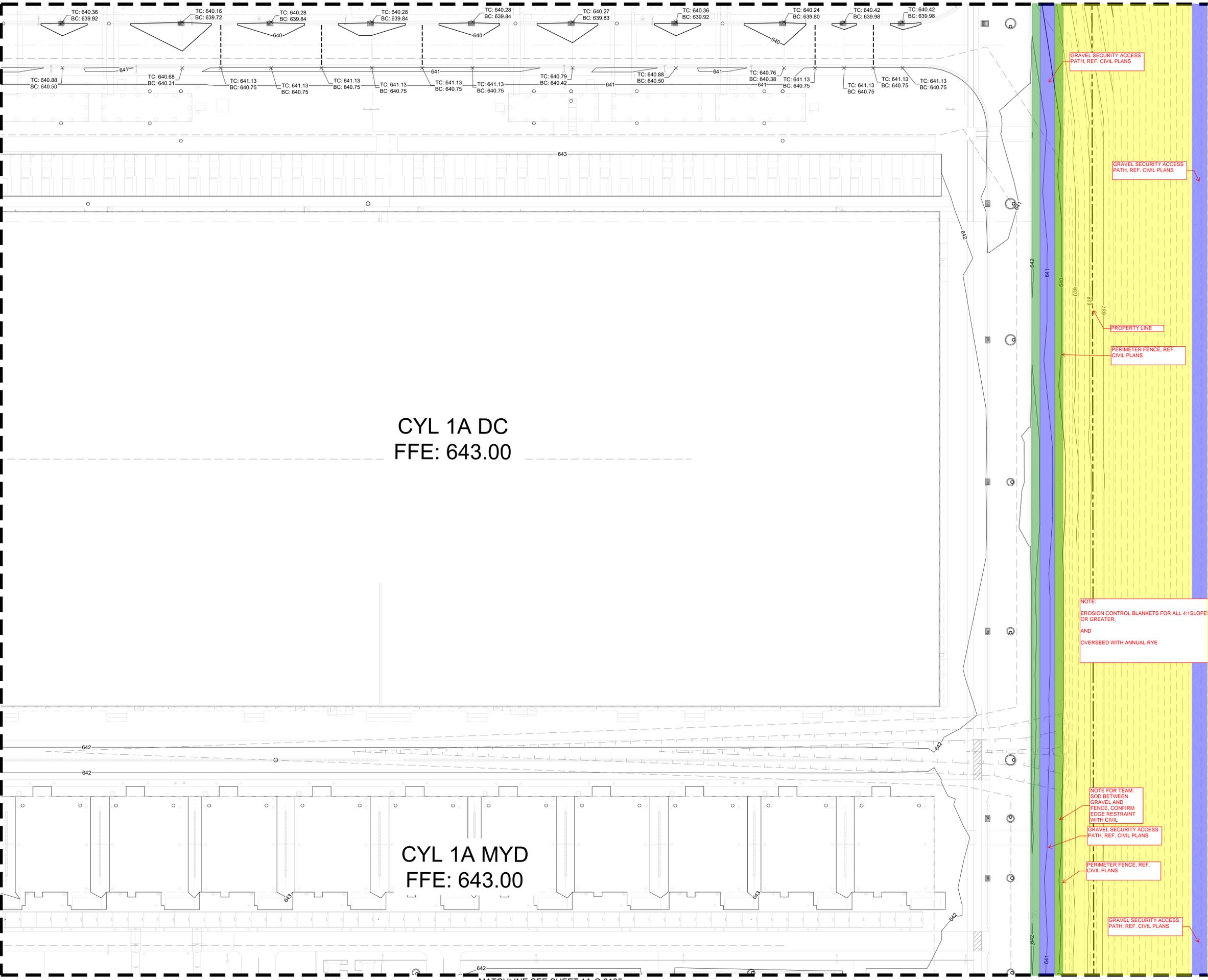
SHEET NUMBER:
1A-C-3112
PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN

C:\ACC\ACCDCbs\Kimley-Horn\060057900_CYL1\Project Files\00_Civil\SPS\03_Production\DWGS\CYL1A-C-3101 GRADING AND DRAINAGE PLAN 6/19/2025 10:18 AM

C:\ACC\ACCDocs\Kimley-Horn\060057000_CYL1\Project Files\00_Civil\SPS03_Production\DWGS\CYL1A-C-3101 GRADING AND DRAINAGE PLAN 6/19/2025 10:18 AM

MATCHLINE SEE SHEET 1A-C-3121

LEGEND



- PROPERTY LINE
- - - - - EXISTING MAJOR CONTOUR (1' INTERVAL)
- - - - - EXISTING MINOR CONTOUR (1' INTERVAL)
- - - - - PROPOSED MAJOR CONTOUR
- - - - - PROPOSED MINOR CONTOUR
- GRADE BREAK
- LOD --- LIMIT OF DISTURBANCE
- - - - - EXISTING EASEMENT
- - - - - EXISTING GAS LINE
- - - - - EXISTING OVERHEAD ELECTRIC
- DETENTION POND BOTTOM
- BUILDING PAD
- POND EXTENTS
- MATCHLINE
- (81.93) SPOT ELEVATION
- HP HIGH POINT
- LP LOW POINT
- TC TOP FACE OF CURB
- BC BOTTOM OF CURB / GUTTER LINE
- TW TOP OF GRADE AT WALL
- BW BOTTOM OF GRADE @ EXPOSED WALL
- INV INVERT
- RIM TOP OF GRATE / COVER

NOTES

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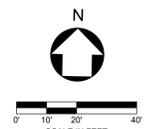
LEGEND

- SOD
- SEED
- SHRUBS/GROUND COVER
- AGGREGATE/GRAVEL (BY LANDSCAPE AND/OR CIVIL)

NOTE:
EROSION CONTROL BLANKETS FOR ALL 4:1 SLOPES OR GREATER,
AND
OVERSEED WITH ANNUAL RYE

NOTE FOR TEAM:
SOD BETWEEN GRAVEL AND FENCE, CONFIRM EDGE RESTRAINT WITH CIVIL

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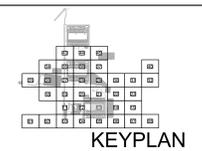
MATCHLINE SEE SHEET 1A-C-3112

MATCHLINE SEE SHEET 1A-C-3114

MATCHLINE SEE SHEET 1A-C-3105

ARCHITECTURE: HDR Architecture, Inc. 1601 UTICA AVE. SOUTH SUITE 600 ST. LOUIS PARK, MN 55416 Ph. (763) 591-5400	STRUCTURE: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	MEP: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	CIVIL: Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868
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**CYL1 - 65% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-07-24**



REVISIONS	
NO.	DATE
1	2025/07/07
	DESCRIPTION: 35% DESIGN

DRAWN: CYL1
APPRVD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN
SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3113
PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN

MATCHLINE SEE SHEET 1A-C-3122

LEGEND

- PROPERTY LINE
- - - - - EXISTING MAJOR CONTOUR (1' INTERVAL)
- - - - - EXISTING MINOR CONTOUR (1' INTERVAL)
- - - - - PROPOSED MAJOR CONTOUR
- - - - - PROPOSED MINOR CONTOUR
- - - - - GRADE BREAK
- - - - - LIMIT OF DISTURBANCE
- - - - - EXISTING EASEMENT
- - - - - EXISTING GAS LINE
- - - - - EXISTING OVERHEAD ELECTRIC
- - - - - DETENTION POND BOTTOM
- - - - - BUILDING PAD
- - - - - POND EXTENTS
- - - - - MATCHLINE
- (ELEV.) SPOT ELEVATION
- HP HIGH POINT
- LP LOW POINT
- TC TOP FACE OF CURB
- BC BOTTOM OF CURB / GUTTER LINE
- TW TOP OF GRADE AT WALL
- BW BOTTOM OF GRADE @ EXPOSED WALL
- INV INVERT
- RIM TOP OF GRATE / COVER

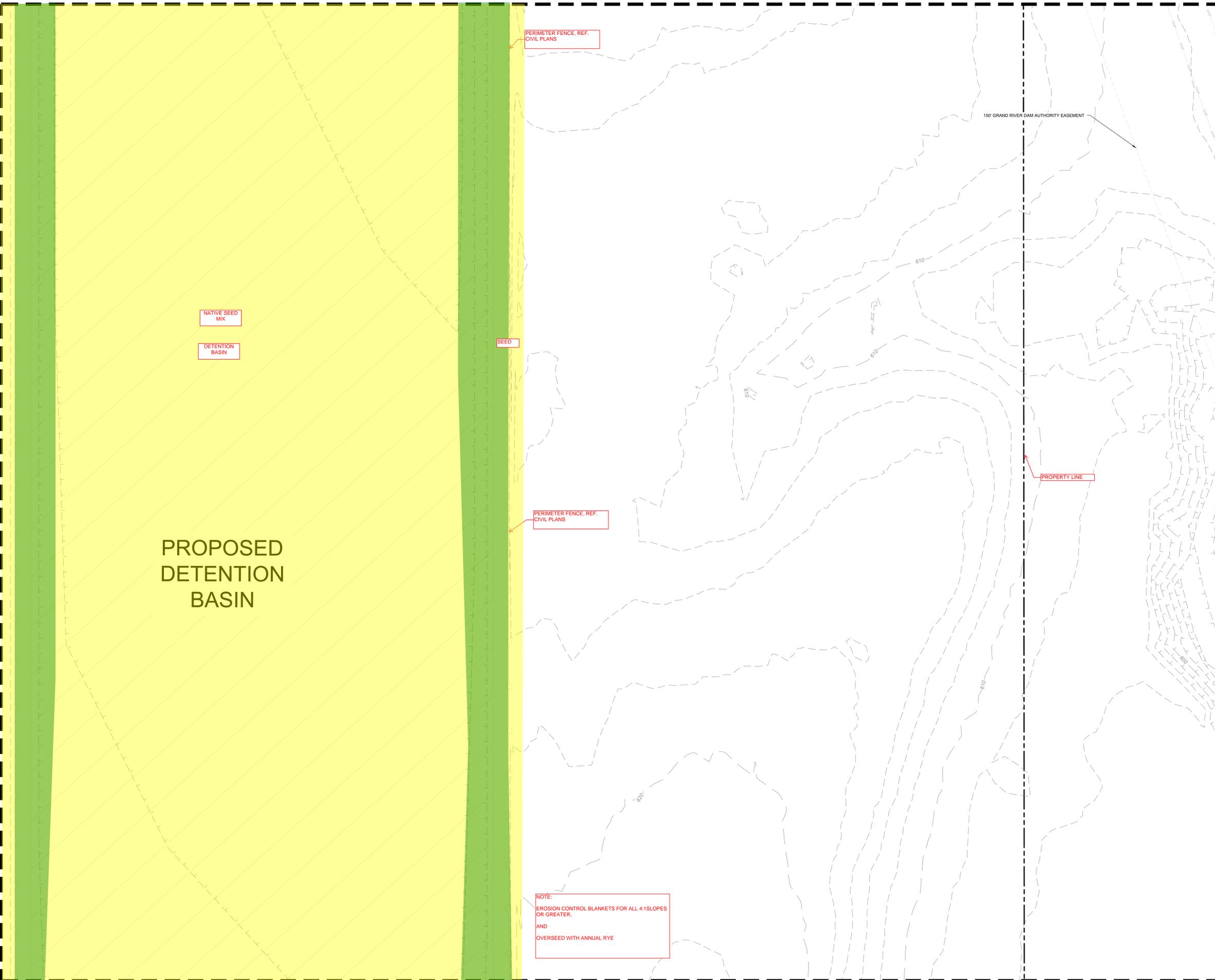
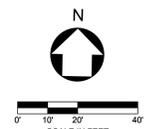
NOTES

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LEGEND

- SOD
- SEED
- SHRUBS/GROUND COVER
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**PROPOSED
DETENTION
BASIN**

NOTE:
EROSION CONTROL BLANKETS FOR ALL 4:1 SLOPES OR GREATER,
AND
OVERSEED WITH ANNUAL RYE

MATCHLINE SEE SHEET 1A-C-3113

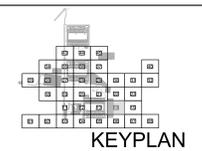
MATCHLINE SEE SHEET 1A-C-3115

MATCHLINE SEE SHEET 1A-C-3106

C:\ACC\ACCDC\Kimley-Horn\060057900_CYL1\Project Files\00_Civil\SPS103_Production-DWG\CYL1A-C-3106 GRADING AND DRAINAGE PLAN 7/24/2025 9:54 PM

ARCHITECTURE: HDR Architecture, Inc. 1601 UTICA AVE. SOUTH SUITE 600 ST. LOUIS PARK, MN 55416 Ph. (763) 591-5400	STRUCTURE: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	MEP: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	CIVIL: Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868
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**CYL1 - 65% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-07-24**



REVISIONS		
NO.	DATE	DESCRIPTION
1	2025/07/07	35% DESIGN

DRAWN: CYL1
APPRVD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN
SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3114
PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN

MATCHLINE SEE SHEET 1A-C-3123

LEGEND

- PROPERTY LINE
- - - 200 - - - EXISTING MAJOR CONTOUR (1' INTERVAL)
- - - 201 - - - EXISTING MINOR CONTOUR (1' INTERVAL)
- 200 — PROPOSED MAJOR CONTOUR
- - - 201 - - - PROPOSED MINOR CONTOUR
- - - - - GRADE BREAK
- LOD — LIMIT OF DISTURBANCE
- - - - - EXISTING EASEMENT
- - - G - - - EXISTING GAS LINE
- - - OHE - - - EXISTING OVERHEAD ELECTRIC
- - - - - DETENTION POND BOTTOM
- - - - - BUILDING PAD
- - - - - POND EXTENTS
- - - - - MATCHLINE
- (ELEV) / SPOT ELEVATION
- HP HIGH POINT
- LP LOW POINT
- TC TOP FACE OF CURB
- BC BOTTOM OF CURB / GUTTER LINE
- TW TOP OF GRADE AT WALL
- BW BOTTOM OF GRADE @ EXPOSED WALL
- INV INVERT
- RIM TOP OF GRATE / COVER

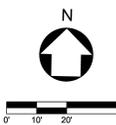
NOTES

1. CONTRACTOR TO INSTALL ALL REQUIRED INITIAL EPSC MEASURES PER PLANS PRIOR TO ANY DEMOLITION OR EARING AND GRUBBING
2. NO IMPACTS TO ANY IDENTIFIED JURISDICTIONAL ENVIRONMENTAL FEATURES OF ANY KIND IS PERMITTED UNTIL APPROVAL BY ADEQ AND USACE. FOLLOWING APPROVAL, ONLY IMPACTS TO FEATURES PERMITTED BY BOTH ADEQ AND USACE IS PERMITTED AND MUST COMPLY WITH PHASING AS IDENTIFIED IN PLANS.
3. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS SHOWN ON PLAN AND IMMEDIATELY NOTIFY ENGINEER/OWNER OF ANY DISCREPANCIES.
4. FEATURES BEYOND THE LIMITS OF DISTURBANCE (LOD) AND WITHIN THE LOD, UNLESS IDENTIFIED FOR REMOVAL ON THE PLANS, SHALL BE PROTECTED IN PLACE (PIP) BY THE CONTRACTOR FOR THE DURATION OF THE WORK.
5. ANY EXISTING STRUCTURE, IMPROVEMENT, OR APPURTENANCE TO REMAIN THAT IS DAMAGED DURING DEMOLITION OR CONSTRUCTION SHALL BE IMMEDIATELY REPAIRED OR REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
6. CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS AND GUIDELINES OF THE EROSION CONTROL PLAN AND SITE SWPPP.
7. WHERE EXISTING GRADE IS AT A SLOPE STEEPER THAN ONE UNIT VERTICAL IN FIVE UNITS HORIZONTAL (20-PERCENT SLOPE) AND THE DEPTH OF THE FILL EXCEEDS 5 FEET, BENCHING SHALL BE PROVIDED.
8. CONTRACTOR TO SEE ABBREVIATIONS LIST (SEE SHEET C-001), FOR CLARIFICATION.
9. CONTRACTOR TO ENSURE POSITIVE DRAINAGE. IF A CONFLICT OCCURS BETWEEN THESE PLANS AND FIELD CONDITIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
10. TC, DEFINED ON GRADING SHEETS ONLY, AS TOP FACE OF CURB.
11. CONTRACTOR SHALL CONSTRUCT ALL SIDEWALKS AND CROSSWALKS WITH A 2.0% MAXIMUM CROSS SLOPE AND A 5.0% MAXIMUM RUNNING SLOPE, UNLESS NOTED AS A RAMP. GRADES WITHIN ADA HANDICAP PARKING AREAS NOT TO EXCEED A 2.0% MAXIMUM SLOPE IN ANY DIRECTION.
12. ALL GRADING AND EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE FINAL GEOTECHNICAL ENGINEERING REPORT.

LEGEND

- SOD
- SEED
- SHRUBS/GROUND COVER
- AGGREGATE/GRAVEL (BY LANDSCAPE AND/OR CIVIL)

THESE DRAWINGS ARE A 65% PROGRESS SET FOR AN OVER-THE-SHOULDER REVIEW AND ARE NOT INTENDED FOR CONSTRUCTION, PERMITTING, OR REGULATORY REVIEW. THEY ARE PROVIDED SOLELY FOR REVIEW AND COORDINATION PURPOSES. THESE DRAWINGS ARE PRELIMINARY AND DO NOT INCLUDE ALL NECESSARY INFORMATION REQUIRED FOR A FINAL DESIGN. DIMENSIONS, MATERIALS, AND DESIGNS ARE SUBJECT TO CHANGE WITHOUT NOTICE AS ADDITIONAL DETAILS ARE DEVELOPED AND DESIGN DECISIONS ARE REFINED. USERS SHOULD INDEPENDENTLY VERIFY ALL DETAILS AND EXERCISE THEIR OWN PROFESSIONAL JUDGMENT BEFORE MAKING DECISIONS BASED ON THESE DRAWINGS. THESE DRAWINGS SHALL NOT BE USED FOR OBTAINING CONSTRUCTION PERMITS, COMPLETING DETAILED DESIGN, OR STARTING CONSTRUCTION ACTIVITIES.



NO LANDSCAPE WORK THIS SHEET

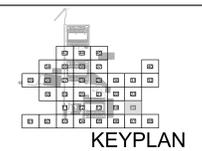
MATCHLINE SEE SHEET 1A-C-3114

MATCHLINE SEE SHEET 1A-C-3107

C:\ACC\ACC\Drawings\Horn\060057900_CYL1\Project Files\00_Civil\SPS\03_Production-DWG\CYL1A-C-3106 GRADING AND DRAINAGE PLAN 7/24/2025 9:54 PM

ARCHITECTURE: HDR Architecture, Inc. 1601 UTICA AVE. SOUTH SUITE 600 ST. LOUIS PARK, MN 55416 Ph. (763) 591-5400	STRUCTURE: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	MEP: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	CIVIL: Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868
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**CYL1 - 65% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-07-24**

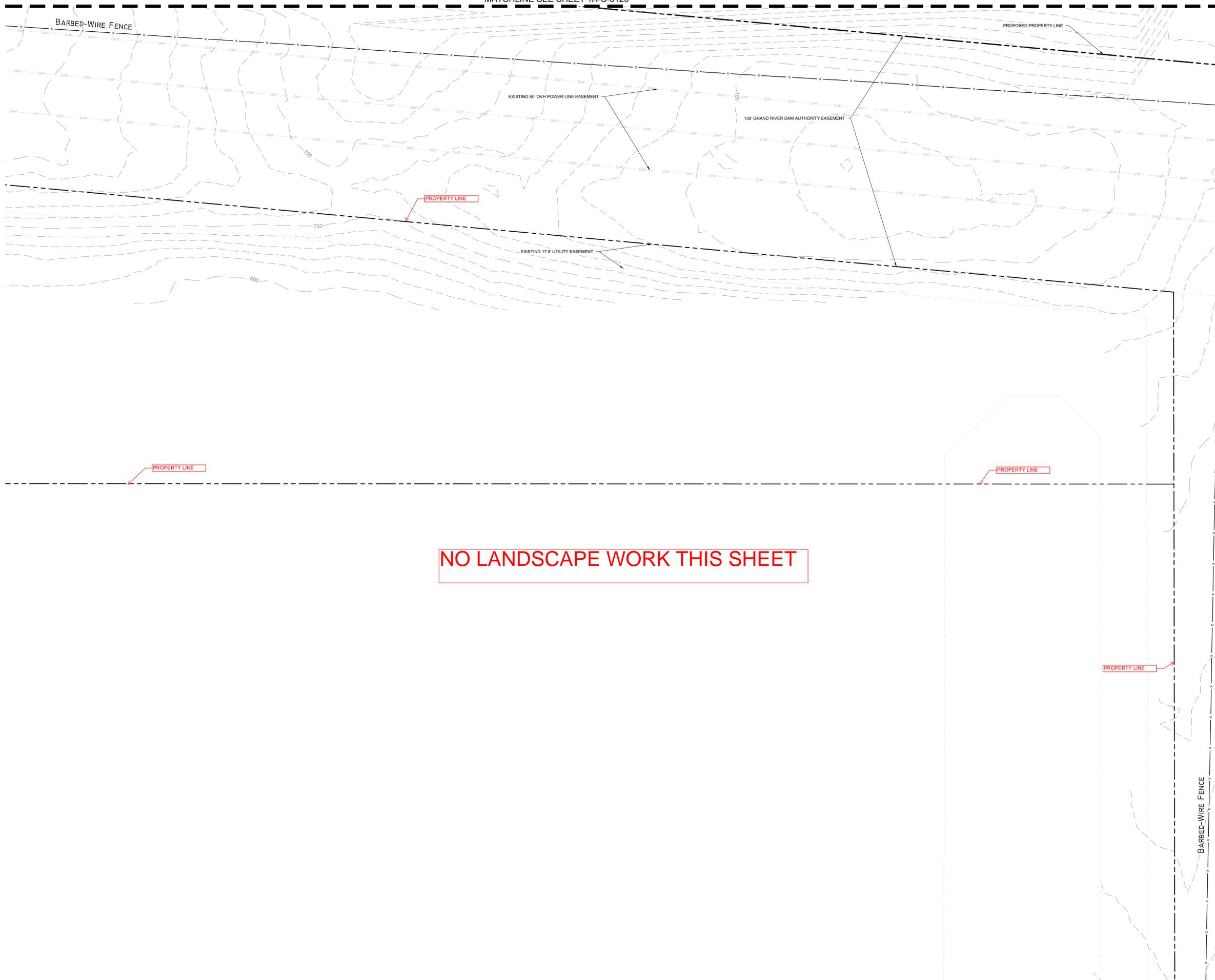


REVISIONS	
NO.	DATE DESCRIPTION
1	2025/07/07 35% DESIGN

DRAWN: CYL1
APPR'VD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN
SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3115
PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN



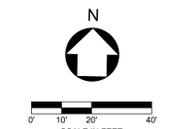
---	PROPERTY LINE
---	EXISTING MAJOR CONTOUR (1' INTERVAL)
---	EXISTING MINOR CONTOUR (1' INTERVAL)
---	PROPOSED MAJOR CONTOUR
---	PROPOSED MINOR CONTOUR
---	GRADE BREAK
---	LIMIT OF DISTURBANCE
---	EXISTING EASEMENT
---	EXISTING GAS LINE
---	EXISTING OVERHEAD ELECTRIC
---	DETECTION POND BOTTOM
---	BUILDING PAD
---	POND EXTENTS
---	MATCHLINE
---	SPOT ELEVATION
HP	HIGH POINT
LP	LOW POINT
TC	TOP FACE OF CURB
BC	BOTTOM OF CURB / GUTTER LINE
TW	TOP OF GRADE AT WALL
BW	BOTTOM OF GRADE @ EXPOSED WALL
INV	INVERT
RIM	TOP OF GRATE / COVER

- NOTES**
- CONTRACTOR TO INSTALL ALL REQUIRED INITIAL EPSC MEASURES PER PLANS PRIOR TO ANY DEMOLITION OR CLEARING AND GRUBBING
 - NO IMPACTS TO ANY IDENTIFIED JURISDICTIONAL ENVIRONMENTAL FEATURES OF ANY KIND IS PERMITTED UNTIL APPROVAL BY ODEQ AND USACE. FOLLOWING APPROVAL, ONLY IMPACTS TO FEATURES PERMITTED BY BOTH ADEQ AND USACE IS PERMITTED AND MUST COMPLY WITH PHASING AS IDENTIFIED IN PLANS.
 - CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS SHOWN ON PLAN AND IMMEDIATELY NOTIFY ENGINEER/OWNER OF ANY DISCREPANCIES.
 - FEATURES BEYOND THE LIMITS OF DISTURBANCE (LOD) AND WITHIN THE LOD, UNLESS IDENTIFIED FOR REMOVAL ON THE PLANS, SHALL BE PROTECTED IN PLACE (PIP) BY THE CONTRACTOR FOR THE DURATION OF THE WORK.
 - ANY EXISTING STRUCTURE, IMPROVEMENT, OR APPURTENANCE TO REMAIN THAT IS DAMAGED DURING DEMOLITION OR CONSTRUCTION SHALL BE IMMEDIATELY REPAIRED OR REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
 - CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS AND GUIDELINES OF THE EROSION CONTROL PLAN AND SITE SWPPP.
 - WHERE EXISTING GRADE IS AT A SLOPE STEEPER THAN ONE UNIT VERTICAL IN FIVE UNITS HORIZONTAL (20-PERCENT SLOPE) AND THE DEPTH OF THE FILL EXCEEDS 5 FEET, BENCHING SHALL BE PROVIDED.
 - CONTRACTOR TO SEE ABBREVIATIONS LIST (SEE SHEET C-0001), FOR CLARIFICATION.
 - CONTRACTOR TO ENSURE POSITIVE DRAINAGE. IF A CONFLICT OCCURS BETWEEN THESE PLANS AND FIELD CONDITIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
 - TC, DEFINED ON GRADING SHEETS ONLY, AS TOP FACE OF CURB.
 - CONTRACTOR SHALL CONSTRUCT ALL SIDEWALKS AND CROSSWALKS WITH A 2.0% MAXIMUM CROSS SLOPE AND A 5.0% MAXIMUM RUNNING SLOPE, UNLESS NOTED AS A RAMP. GRADES WITHIN ADA HANDICAP PARKING AREAS NOT TO EXCEED A 2.0% MAXIMUM SLOPE IN ANY DIRECTION.
 - ALL GRADING AND EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE FINAL GEOTECHNICAL ENGINEERING REPORT.

LEGEND

[Green Box]	SOD
[Yellow Box]	SEED
[Red Box]	SHRUBS/GROUND COVER
[Blue Box]	AGGREGATE/GRAVEL (BY LANDSCAPE AND/OR CIVIL)

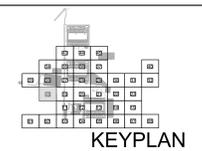
THESE DRAWINGS ARE A 65% PROGRESS SET FOR AN OVER-THE-SHOULDER REVIEW AND ARE NOT INTENDED FOR CONSTRUCTION, PERMITTING, OR REGULATORY REVIEW. THEY ARE PROVIDED SOLELY FOR REVIEW AND COORDINATION PURPOSES. THESE DRAWINGS ARE PRELIMINARY AND DO NOT INCLUDE ALL NECESSARY INFORMATION REQUIRED FOR A FINAL DESIGN. DIMENSIONS, MATERIALS, AND DESIGNS ARE SUBJECT TO CHANGE WITHOUT NOTICE AS ADDITIONAL DETAILS ARE DEVELOPED AND DESIGN DECISIONS ARE REFINED. USERS SHOULD INDEPENDENTLY VERIFY ALL DETAILS AND EXERCISE THEIR OWN PROFESSIONAL JUDGMENT BEFORE MAKING DECISIONS BASED ON THESE DRAWINGS. THESE DRAWINGS SHALL NOT BE USED FOR OBTAINING CONSTRUCTION PERMITS, COMPLETING DETAILED DESIGN, OR STARTING CONSTRUCTION ACTIVITIES.



C:\ACC\ACCdocs\Kimley-Horn\060057900_CYL1\Project Files\00_Civil\SPS\03_Production\DWGS\CYL1A-C-3101 GRADING AND DRAINAGE PLAN 6/19/2025 10:18 AM

ARCHITECTURE: HDR Architecture, Inc. 1601 UTICA AVE. SOUTH SUITE 600 ST. LOUIS PARK, MN 55416 Ph. (763) 591-5400	STRUCTURE: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	MEP: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	CIVIL: Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868
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**CYL1 - 65% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-07-24**



REVISIONS		
NO.	DATE	DESCRIPTION
1	2025/07/07	35% DESIGN

DRAWN: CYL1
APPR'VD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN
SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3118
PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN

MATCHLINE SEE SHEET 1A-C-3127

LEGEND

- PROPERTY LINE
- 200 — EXISTING MAJOR CONTOUR (1' INTERVAL)
- 201 — EXISTING MINOR CONTOUR (1' INTERVAL)
- 200 — PROPOSED MAJOR CONTOUR
- 201 — PROPOSED MINOR CONTOUR
- GRADE BREAK
- LOD — LIMIT OF DISTURBANCE
- EXISTING EASEMENT
- G — EXISTING GAS LINE
- OHE — EXISTING OVERHEAD ELECTRIC
- DETENTION POND BOTTOM
- BUILDING PAD
- POND EXTENTS
- MATCHLINE
- SPOT ELEVATION
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- TC — TOP FACE OF CURB
- BC — BOTTOM OF CURB / GUTTER LINE
- TW — TOP OF GRADE AT WALL
- BW — BOTTOM OF GRADE @ EXPOSED WALL
- INV — INVERT
- RIM — TOP OF GRATE / COVER

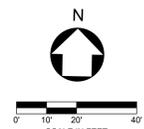
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LEGEND

- SOD
- SEED
- SHRUBS/GROUND COVER
- AGGREGATE/GRAVEL (BY LANDSCAPE AND/OR CIVIL)

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MATCHLINE SEE SHEET 1A-C-3118

MATCHLINE SEE SHEET 1A-C-3120

MATCHLINE SEE SHEET 1A-C-3111

NOTE:
EROSION CONTROL BLANKETS FOR ALL 4:1 SLOPES OR GREATER,
AND
OVERSEED WITH ANNUAL RYE

PERIMETER FENCE, REF. CIVIL PLANS

2'-0" SOD STRIP AT ALL PAVEMENT EDGES, TYP.

SEED

SEED

PERIMETER FENCE, REF. CIVIL PLANS

PROPERTY LINE

PROPERTY LINE

PROPERTY LINE

PROPERTY LINE

Alignment=N-S SPINE ROAD 1
Station=1+24.98
Offset=0.651
Northing=467838.7858
Easting=2683360.9890

C:\ACC\ACCDocs\Kimley-Horn\06057900_CYL1\Project Files\00_Civil\SPS\03_Production\DWGS\CYL1A-C-3101 GRADING AND DRAINAGE PLAN 6/19/2025 10:18 AM

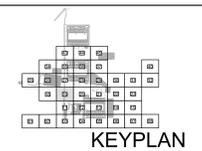
ARCHITECTURE: HDR Architecture, Inc. 1601 UTICA AVE. SOUTH SUITE 600 ST. LOUIS PARK, MN 55416 Ph. (763) 591-5400

STRUCTURE: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400

MEP: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400

CIVIL: Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868

**CYL1 - 65% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-07-24**



REVISIONS	
NO.	DATE
1	2025/07/07
	DESCRIPTION
	35% DESIGN

DRAWN: CYL1
APPR'VD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN
SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3119
PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN

---	PROPERTY LINE
---	EXISTING MAJOR CONTOUR (1' INTERVAL)
---	EXISTING MINOR CONTOUR (1' INTERVAL)
---	PROPOSED MAJOR CONTOUR
---	PROPOSED MINOR CONTOUR
---	GRADE BREAK
---	LIMIT OF DISTURBANCE
---	EXISTING EASEMENT
---	EXISTING GAS LINE
---	EXISTING OVERHEAD ELECTRIC
---	DETENTION POND BOTTOM
---	BUILDING PAD
---	POND EXTENTS
---	MATCHLINE
---	SPOT ELEVATION
HP	HIGH POINT
LP	LOW POINT
TC	TOP FACE OF CURB
BC	BOTTOM OF CURB / GUTTER LINE
TW	TOP OF GRADE AT WALL
BW	BOTTOM OF GRADE @ EXPOSED WALL
INV	INVERT
RIM	TOP OF GRATE / COVER

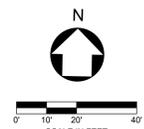
NOTES

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NOTE:
EROSION CONTROL BLANKETS FOR ALL 4:1 SLOPES OR GREATER,
AND
OVERSEED WITH ANNUAL RYE

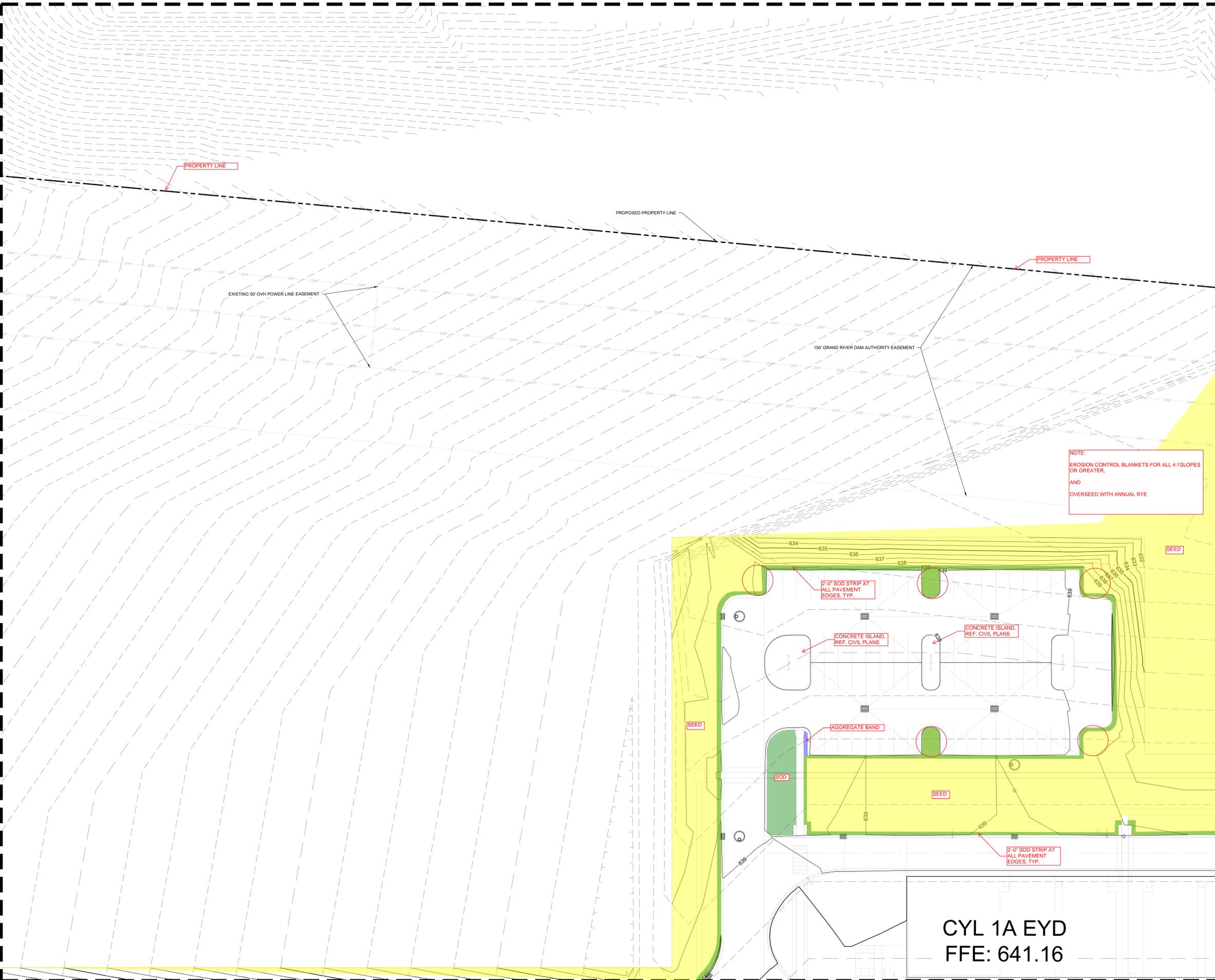
---	LEGEND
---	SOD
---	SEED
---	SHRUBS/GROUND COVER
---	AGGREGATE/GRAVEL (BY LANDSCAPE AND/OR CIVIL)

THESE DRAWINGS ARE A 65% PROGRESS SET FOR AN OVER-THE-SHOULDER REVIEW AND ARE NOT INTENDED FOR CONSTRUCTION, PERMITTING, OR REGULATORY REVIEW. THEY ARE PROVIDED SOLELY FOR REVIEW AND COORDINATION PURPOSES. THESE DRAWINGS ARE PRELIMINARY AND DO NOT INCLUDE ALL NECESSARY INFORMATION REQUIRED FOR A FINAL DESIGN. DIMENSIONS, MATERIALS, AND DESIGNS ARE SUBJECT TO CHANGE WITHOUT NOTICE AS ADDITIONAL DETAILS ARE DEVELOPED AND DESIGN DECISIONS ARE REFINED. USERS SHOULD INDEPENDENTLY VERIFY ALL DETAILS AND EXERCISE THEIR OWN PROFESSIONAL JUDGMENT BEFORE MAKING DECISIONS BASED ON THESE DRAWINGS. THESE DRAWINGS SHALL NOT BE USED FOR OBTAINING CONSTRUCTION PERMITS, COMPLETING DETAILED DESIGN, OR STARTING CONSTRUCTION ACTIVITIES.



MATCHLINE SEE SHEET 1A-C-3119

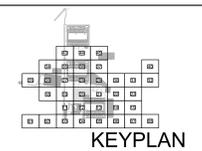
MATCHLINE SEE SHEET 1A-C-3121



CYL 1A EYD
FFE: 641.16

ARCHITECTURE: HDR Architecture, Inc. 1601 UTICA AVE. SOUTH SUITE 600 ST. LOUIS PARK, MN 55416 Ph. (763) 591-5400	STRUCTURE: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	MEP: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	CIVIL: Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868
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CYL1 - 65% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-07-24



REVISIONS	
NO.	DATE
1	2025/07/07
	DESCRIPTION
	35% DESIGN

DRAWN: CYL1
APPRVD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN
SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3120
PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN

C:\ACC\ACCDC\Kimley-Horn\060057900_CYL1\Project Files\00_Civil\SPS\03_Production\DWGS\CYL1A-C-3101 GRADING AND DRAINAGE PLAN 6/19/2025 10:18 AM

C:\ACC\ACCDC\Kimley-Horn\060057000_CYL1\Project Files\00_Civil\SPS\03_Production\DWGS\CYL1A-C-3101 GRADING AND DRAINAGE PLAN 6/19/2025 10:18 AM

MATCHLINE SEE SHEET 1A-C-3129

LEGEND

- PROPERTY LINE
- 200 --- EXISTING MAJOR CONTOUR (1' INTERVAL)
- 201 --- EXISTING MINOR CONTOUR (1' INTERVAL)
- 200 --- PROPOSED MAJOR CONTOUR (1' INTERVAL)
- 201 --- PROPOSED MINOR CONTOUR (1' INTERVAL)
- LOD --- GRADE BREAK
- LOD --- LIMIT OF DISTURBANCE
- G --- EXISTING EASEMENT
- GHE --- EXISTING GAS LINE
- OHE --- EXISTING OVERHEAD ELECTRIC
- DETENTION POND BOTTOM
- BUILDING PAD
- POND EXTENTS
- MATCHLINE
- (819) --- SPOT ELEVATION
- HP --- HIGH POINT
- LP --- LOW POINT
- TC --- TOP FACE OF CURB
- BC --- BOTTOM OF CURB / GUTTER LINE
- TW --- TOP OF GRADE AT WALL
- BW --- BOTTOM OF GRADE @ EXPOSED WALL
- INV --- INVERT
- RIM --- TOP OF GRATE / COVER

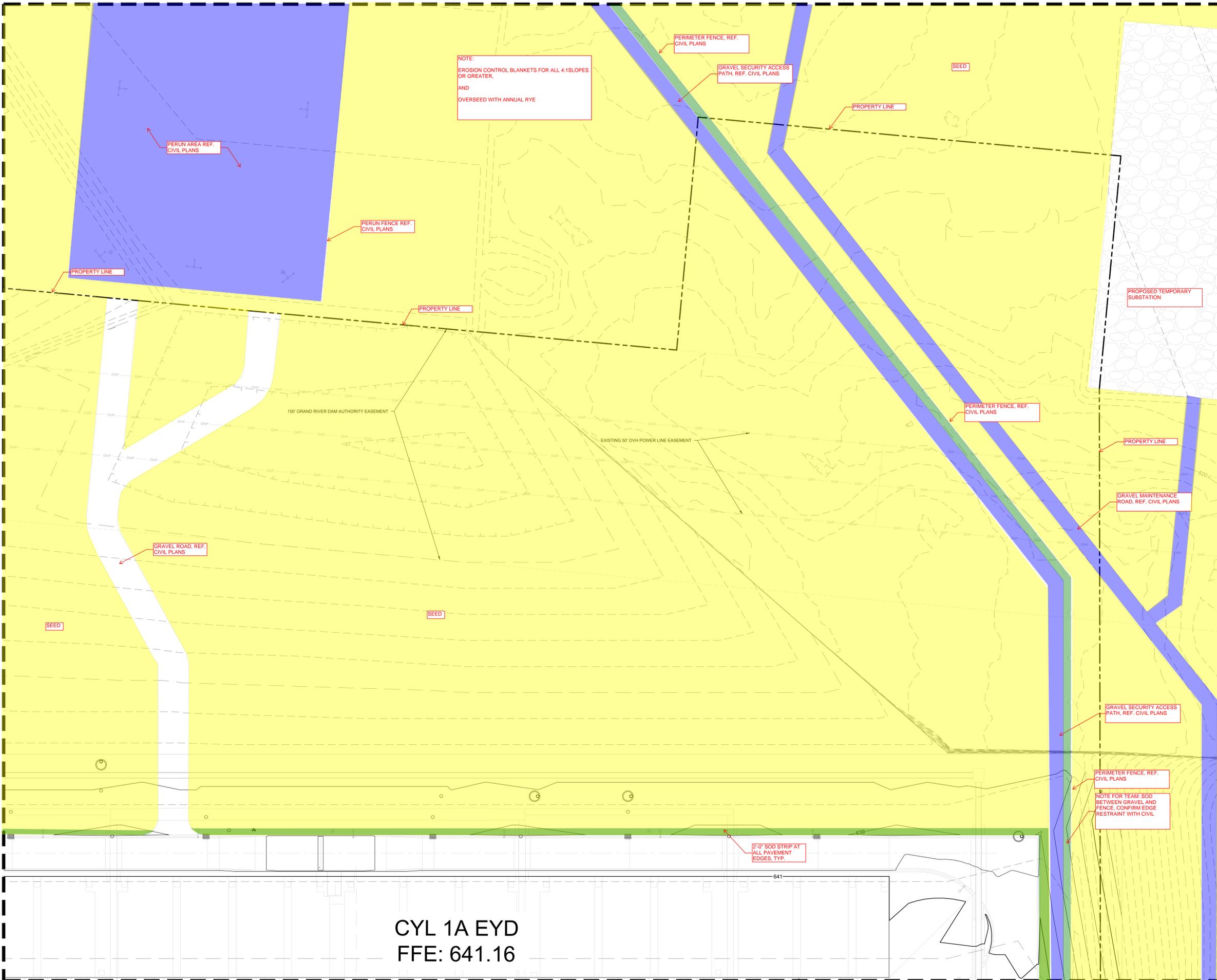
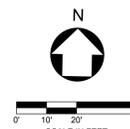
NOTES

1. CONTRACTOR TO INSTALL ALL REQUIRED INITIAL EPSC MEASURES PER PLANS PRIOR TO ANY DEMOLITION OR CLEARING AND GRUBBING
2. NO IMPACTS TO ANY IDENTIFIED JURISDICTIONAL ENVIRONMENTAL FEATURES OF ANY KIND IS PERMITTED UNTIL APPROVAL BY ODEQ AND USACE. FOLLOWING APPROVAL, ONLY IMPACTS TO FEATURES PERMITTED BY BOTH ADEQ AND USACE IS PERMITTED AND MUST COMPLY WITH PHASING AS IDENTIFIED IN PLANS.
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6. CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS AND GUIDELINES OF THE EROSION CONTROL PLAN AND SITE SWPPP.
7. WHERE EXISTING GRADE IS AT A SLOPE STEEPER THAN ONE UNIT VERTICAL IN FIVE UNITS HORIZONTAL (20-PERCENT SLOPE) AND THE DEPTH OF THE FILL EXCEEDS 5 FEET, BENCHING SHALL BE PROVIDED.
8. CONTRACTOR TO SEE ABBREVIATIONS LIST (SEE SHEET C-001), FOR CLARIFICATION.
9. CONTRACTOR TO ENSURE POSITIVE DRAINAGE. IF A CONFLICT OCCURS BETWEEN THESE PLANS AND FIELD CONDITIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
10. TC, DEFINED ON GRADING SHEETS ONLY, AS TOP FACE OF CURB.
11. CONTRACTOR SHALL CONSTRUCT ALL SIDEWALKS AND CROSSWALKS WITH A 2.0% MAXIMUM CROSS SLOPE AND A 5.0% MAXIMUM RUNNING SLOPE, UNLESS NOTED AS A RAMP. GRADES WITHIN ADA HANDICAP PARKING AREAS NOT TO EXCEED A 2.0% MAXIMUM SLOPE IN ANY DIRECTION.
12. ALL GRADING AND EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE FINAL GEOTECHNICAL ENGINEERING REPORT.

LEGEND

- SOD
- SEED
- SHRUBS/GROUND COVER
- AGGREGATE/GRAVEL (BY LANDSCAPE AND/OR CIVIL)

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NOTE:
EROSION CONTROL BLANKETS FOR ALL 4:1 SLOPES OR GREATER,
AND
OVERSEED WITH ANNUAL RYE

SEED

PERIM AREA REF. CIVIL PLANS

PERIM FENCE REF. CIVIL PLANS

GRAVEL SECURITY ACCESS PATH, REF. CIVIL PLANS

PROPERTY LINE

PROPERTY LINE

PROPERTY LINE

150' GRAND RIVER DAM AUTHORITY EASEMENT

EXISTING 50' OVH POWER LINE EASEMENT

PERIMETER FENCE, REF. CIVIL PLANS

PROPERTY LINE

GRAVEL MAINTENANCE ROAD, REF. CIVIL PLANS

GRAVEL ROAD, REF. CIVIL PLANS

SEED

SEED

GRAVEL SECURITY ACCESS PATH, REF. CIVIL PLANS

PERIMETER FENCE, REF. CIVIL PLANS

NOTE FOR TEAM: SOD BETWEEN GRAVEL AND FENCE. CONFIRM EDGE RESTRAINT WITH CIVIL.

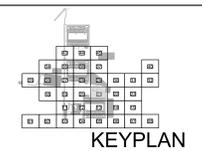
2'-0" SOD STRIP AT ALL PAVEMENT EDGES, TYP.

CYL 1A EYD
FFE: 641.16

MATCHLINE SEE SHEET 1A-C-3113

ARCHITECTURE: HDR Architecture, Inc. 1601 UTICA AVE. SOUTH SUITE 600 ST. LOUIS PARK, MN 55416 Ph. (763) 591-5400	STRUCTURE: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	MEP: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	CIVIL: Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868
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**CYL1 - 65% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-07-24**



REVISIONS	
NO.	DATE
1	2025/07/07
	35% DESIGN

DRAWN: CYL1
 APPRVD:
 PROJECT ADDRESS: CONFIDENTIAL
 PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN
 SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3121
 PAPER SIZE: E (36"x48")
 PHASE: 65% DETAILED DESIGN

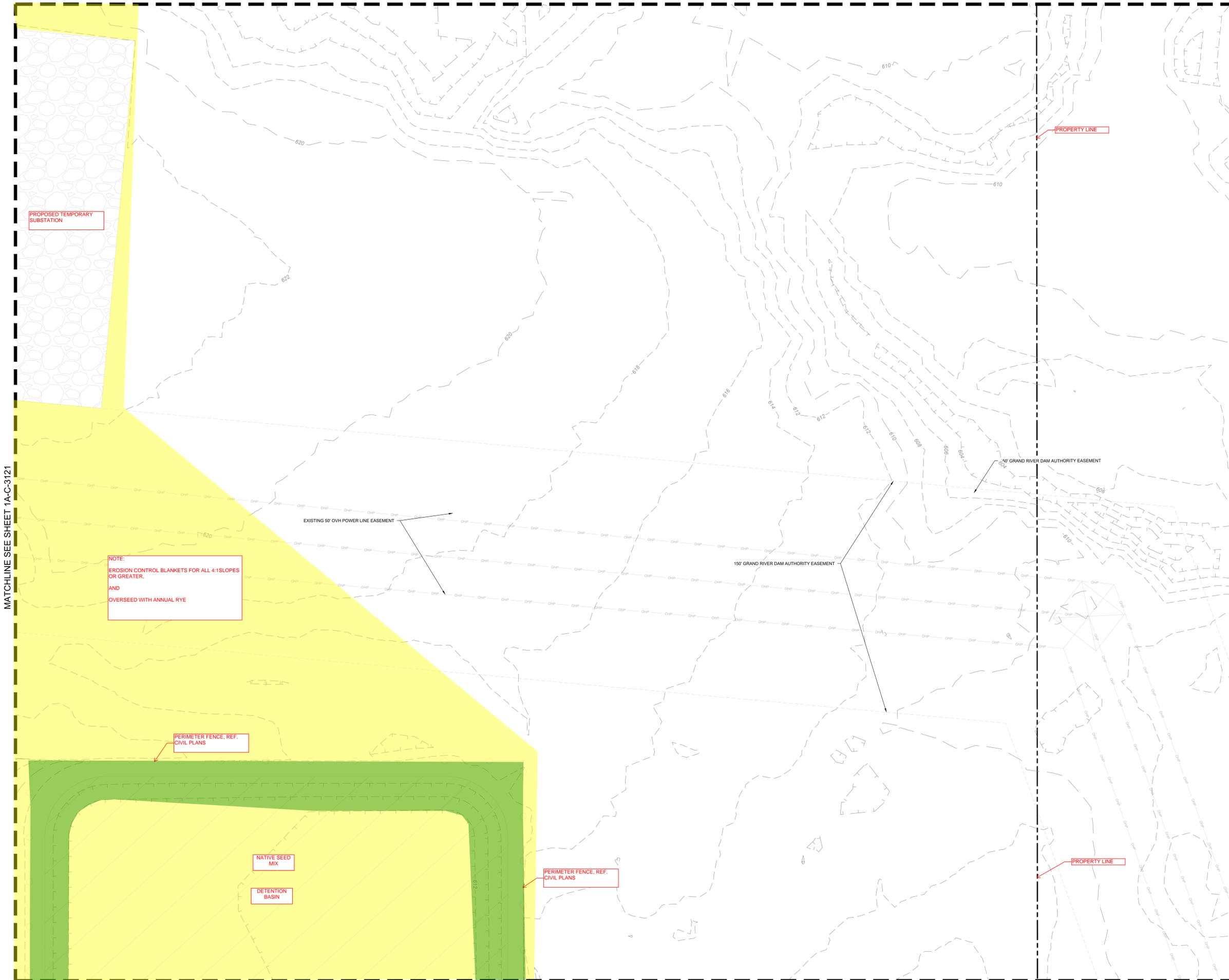
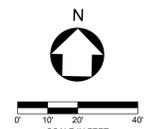
	PROPERTY LINE
	EXISTING MAJOR CONTOUR (1' INTERVAL)
	EXISTING MINOR CONTOUR (1' INTERVAL)
	PROPOSED MAJOR CONTOUR (1' INTERVAL)
	PROPOSED MINOR CONTOUR (1' INTERVAL)
	GRADE BREAK
	LIMIT OF DISTURBANCE
	EXISTING EASEMENT
	EXISTING GAS LINE
	EXISTING OVERHEAD ELECTRIC
	DETENTION POND BOTTOM
	BUILDING PAD
	POND EXTENTS
	MATCHLINE
	SPOT ELEVATION
	HIGH POINT
	LOW POINT
	TOP FACE OF CURB
	BOTTOM OF CURB / GUTTER LINE
	TOP OF GRADE AT WALL
	BOTTOM OF GRADE @ EXPOSED WALL
	INVERT
	TOP OF GRATE / COVER

NOTES

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- ALL GRADING AND EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE FINAL GEOTECHNICAL ENGINEERING REPORT.

	SOD
	SEED
	SHRUBS/GROUND COVER
	AGGREGATE/GRAVEL (BY LANDSCAPE AND/OR CIVIL)

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NOTE:
EROSION CONTROL BLANKETS FOR ALL 4:1 SLOPES OR GREATER,
AND
OVERSEED WITH ANNUAL RYE

PERIMETER FENCE, REF. CIVIL PLANS

NATIVE SEED MIX

DETENTION BASIN

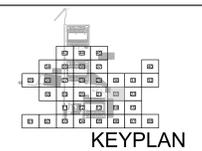
PERIMETER FENCE, REF. CIVIL PLANS

MATCHLINE SEE SHEET 1A-C-3121

MATCHLINE SEE SHEET 1A-C-3123

ARCHITECTURE: HDR Architecture, Inc. 1601 UTICA AVE. SOUTH SUITE 600 ST. LOUIS PARK, MN 55416 Ph. (763) 591-5400	STRUCTURE: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	MEP: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	CIVIL: Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868
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**CYL1 - 65% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-07-24**



REVISIONS		
NO.	DATE	DESCRIPTION
1	2025/07/07	35% DESIGN

DRAWN: CYL1
APPR'VD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3122
PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN

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MATCHLINE SEE SHEET 1A-C-3131

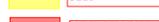
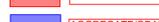
LEGEND

-  PROPERTY LINE
-  EXISTING MAJOR CONTOUR (1' INTERVAL)
-  EXISTING MINOR CONTOUR (1' INTERVAL)
-  PROPOSED MAJOR CONTOUR (1' INTERVAL)
-  PROPOSED MINOR CONTOUR (1' INTERVAL)
-  GRADE BREAK
-  LIMIT OF DISTURBANCE
-  EXISTING EASEMENT
-  EXISTING GAS LINE
-  EXISTING OVERHEAD ELECTRIC
-  DETENTION POND BOTTOM
-  BUILDING PAD
-  POND EXTENTS
-  MATCHLINE
-  SPOT ELEVATION
-  HP HIGH POINT
-  LP LOW POINT
-  TC TOP FACE OF CURB
-  BC BOTTOM OF CURB / GUTTER LINE
-  TW TOP OF GRADE AT WALL
-  BW BOTTOM OF GRADE @ EXPOSED WALL
-  INV INVERT
-  RIM TOP OF GRATE / COVER

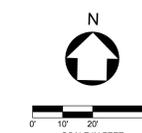
NOTES

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LEGEND

-  SOD
-  SEED
-  SHRUBS/GROUNDCOVER
-  AGGREGATE/GRAVEL (BY LANDSCAPE AND/OR CIVIL)

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NO LANDSCAPE WORK THIS SHEET

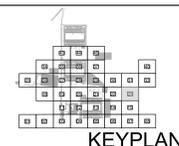
MATCHLINE SEE SHEET 1A-C-3122

MATCHLINE SEE SHEET 1A-C-3115

C:\ACC\ACCDC\Kimley-Horn\060057900_CYL1\Project Files\00_Civil\SPS\03_Production-DWG\CYL1-1A-C-3106 GRADING AND DRAINAGE PLAN 7/24/2025 9:54 PM

ARCHITECTURE: HDR Architecture, Inc. 1601 UTICA AVE. SOUTH SUITE 600 ST. LOUIS PARK, MN 55416 Ph. (763) 591-5400	STRUCTURE: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	MEP: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	CIVIL: Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868
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**CYL1 - 65% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-07-24**



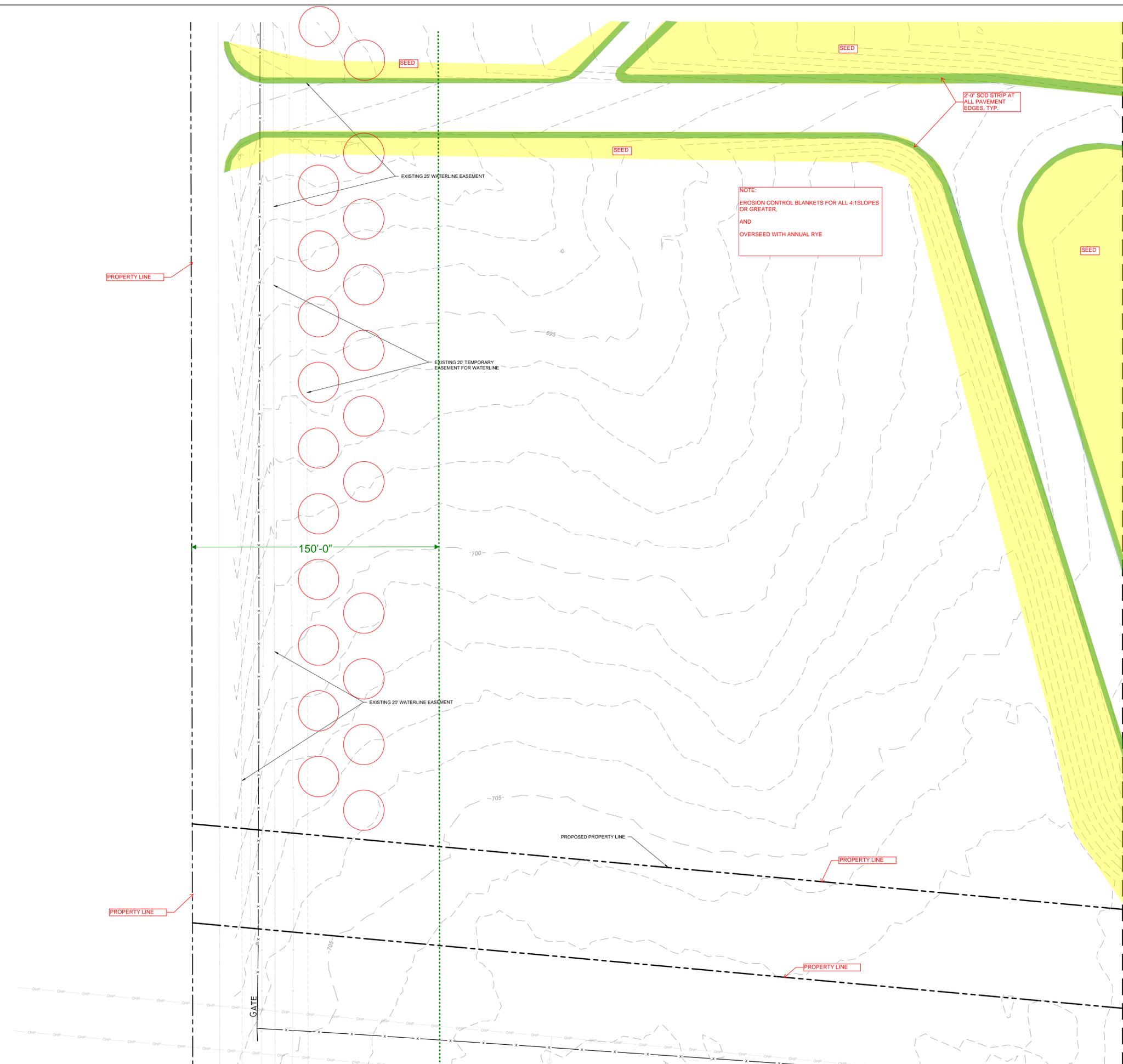
REVISIONS	
NO.	DATE
1	2025/07/07
	35% DESIGN

DRAWN: CYL1
APPRV'D:
PROJECT ADDRESS:
CONFIDENTIAL
PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN
SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3123
PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN

C:\ACC\ACCDC\Kimley-Horn\060057900_CYL1\Project Files\00_Civil\SPS03_Production\DWGS\CYL1A-C-3125 GRADING AND DRAINAGE PLAN 6/19/2025 11:19 AM



LEGEND

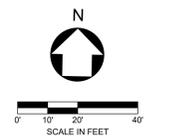
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---200---	EXISTING MAJOR CONTOUR (1' INTERVAL)
---201---	EXISTING MINOR CONTOUR (1' INTERVAL)
---200---	PROPOSED MAJOR CONTOUR
---201---	PROPOSED MINOR CONTOUR
---	GRADE BREAK
---	LIMIT OF DISTURBANCE
---	EXISTING EASEMENT
---	EXISTING GAS LINE
---	EXISTING OVERHEAD ELECTRIC
---	DETECTION POND BOTTOM
---	BUILDING PAD
---	POND EXTENTS
---	MATCHLINE
(8130)	SPOT ELEVATION
HP	HIGH POINT
LP	LOW POINT
TC	TOP FACE OF CURB
BC	BOTTOM OF CURB / GUTTER LINE
TW	TOP OF GRADE AT WALL
BW	BOTTOM OF GRADE @ EXPOSED WALL
INV	INVERT
RIM	TOP OF GRATE / COVER

- NOTES**
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LEGEND

[Green Box]	SOD
[Yellow Box]	SEED
[Red Box]	SHRUBS/GROUND COVER
[Blue Box]	AGGREGATE/GRAVEL (BY LANDSCAPE AND/OR CIVIL)

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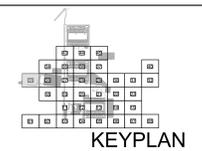
ARCHITECTURE:
HDR Architecture, Inc.
1601 UTICA AVE. SOUTH
SUITE 600
ST. LOUIS PARK, MN
55416
Ph. (763) 591-5400

STRUCTURE:
HDR Engineering, Inc.
1670 BROADWAY
DENVER, CO 80202
Ph. (763) 591-5400

MEP:
HDR Engineering, Inc.
1670 BROADWAY
DENVER, CO 80202
Ph. (763) 591-5400

CIVIL:
Kimley-Horn Associates, Inc.
1437 S BOULDER AVE.
TULSA, OK 74119
Ph. (918) 380-8868

**CYL1 - 65% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-07-24**



REVISIONS

NO.	DATE	DESCRIPTION
1	2025/07/07	35% DESIGN

DRAWN: CYL1
APPRVD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN
SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3125
PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN

MATCHLINE SEE SHEET 1A-C-3134

LEGEND

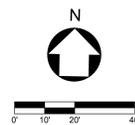
---	PROPERTY LINE
---200---	EXISTING MAJOR CONTOUR (1' INTERVAL)
---201---	EXISTING MINOR CONTOUR (1' INTERVAL)
---200---	PROPOSED MAJOR CONTOUR
---201---	PROPOSED MINOR CONTOUR
---	GRADE BREAK
---	LIMIT OF DISTURBANCE
---	EXISTING EASEMENT
---	EXISTING GAS LINE
---	EXISTING OVERHEAD ELECTRIC
---	DETENTION POND BOTTOM
---	BUILDING PAD
---	POND EXTENTS
---	MATCHLINE
(ELEV)	SPOT ELEVATION
HP	HIGH POINT
LP	LOW POINT
TC	TOP FACE OF CURB
BC	BOTTOM OF CURB / GUTTER LINE
TW	TOP OF GRADE AT WALL
BW	BOTTOM OF GRADE @ EXPOSED WALL
INV	INVERT
RIM	TOP OF GRATE / COVER

NOTES

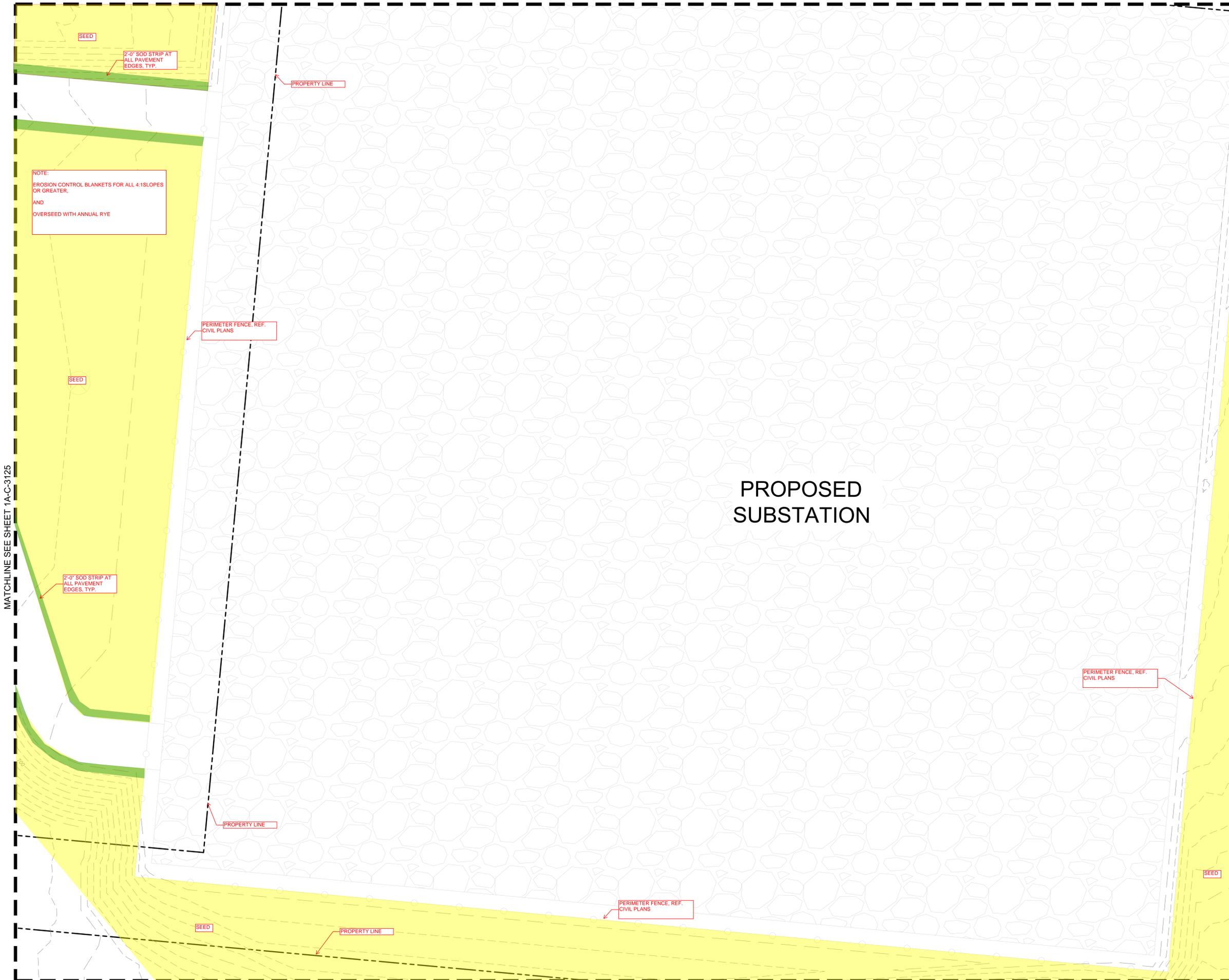
- CONTRACTOR TO INSTALL ALL REQUIRED INITIAL EPSC MEASURES PER PLANS PRIOR TO ANY DEMOLITION OR CLEARING AND GRUBBING
- NO IMPACTS TO ANY IDENTIFIED JURISDICTIONAL ENVIRONMENTAL FEATURES OF ANY KIND IS PERMITTED UNTIL APPROVAL BY ODEQ AND USACE. FOLLOWING APPROVAL, ONLY IMPACTS TO FEATURES PERMITTED BY BOTH ADEQ AND USACE IS PERMITTED AND MUST COMPLY WITH PHASING AS IDENTIFIED IN PLANS.
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- CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS AND GUIDELINES OF THE EROSION CONTROL PLAN AND SITE SWPPP.
- WHERE EXISTING GRADE IS AT A SLOPE STEEPER THAN ONE UNIT VERTICAL IN FIVE UNITS HORIZONTAL (20-PERCENT SLOPE) AND THE DEPTH OF THE FILL EXCEEDS 5 FEET, BENCHING SHALL BE PROVIDED.
- CONTRACTOR TO SEE ABBREVIATIONS LIST (SEE SHEET C-0001), FOR CLARIFICATION.
- CONTRACTOR TO ENSURE POSITIVE DRAINAGE. IF A CONFLICT OCCURS BETWEEN THESE PLANS AND FIELD CONDITIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
- TC, DEFINED ON GRADING SHEETS ONLY, AS TOP FACE OF CURB.
- CONTRACTOR SHALL CONSTRUCT ALL SIDEWALKS AND CROSSWALKS WITH A 2.0% MAXIMUM CROSS SLOPE AND A 5.0% MAXIMUM RUNNING SLOPE. UNLESS NOTED AS A RAMP, GRADES WITHIN ADA HANDICAP PARKING AREAS NOT TO EXCEED A 2.0% MAXIMUM SLOPE IN ANY DIRECTION.
- ALL GRADING AND EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE FINAL GEOTECHNICAL ENGINEERING REPORT.

LEGEND	
[Green Box]	SOD
[Yellow Box]	SEED
[Red Box]	SHRUBS/GROUND COVER
[Blue Box]	AGGREGATE/GRAVEL (BY LANDSCAPE AND/OR CIVIL)

THESE DRAWINGS ARE A 65% PROGRESS SET FOR AN OVER-THE-SHOULDER REVIEW AND ARE NOT INTENDED FOR CONSTRUCTION, PERMITTING, OR REGULATORY REVIEW. THEY ARE PROVIDED SOLELY FOR REVIEW AND COORDINATION PURPOSES. THESE DRAWINGS ARE PRELIMINARY AND DO NOT INCLUDE ALL NECESSARY INFORMATION REQUIRED FOR A FINAL DESIGN. DIMENSIONS, MATERIALS, AND DESIGNS ARE SUBJECT TO CHANGE WITHOUT NOTICE AS ADDITIONAL DETAILS ARE DEVELOPED AND DESIGN DECISIONS ARE REFINED. USERS SHOULD INDEPENDENTLY VERIFY ALL DETAILS AND EXERCISE THEIR OWN PROFESSIONAL JUDGMENT BEFORE MAKING DECISIONS BASED ON THESE DRAWINGS. THESE DRAWINGS SHALL NOT BE USED FOR OBTAINING CONSTRUCTION PERMITS, COMPLETING DETAILED DESIGN, OR STARTING CONSTRUCTION ACTIVITIES.



PROPOSED SUBSTATION



NOTE:
EROSION CONTROL BLANKETS FOR ALL 4:1 SLOPES OR GREATER,
AND
OVERSEED WITH ANNUAL RYE

MATCHLINE SEE SHEET 1A-C-3125

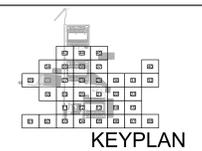
MATCHLINE SEE SHEET 1A-C-3127

MATCHLINE SEE SHEET 1A-C-3118

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ARCHITECTURE: HDR Architecture, Inc. 1601 UTICA AVE. SOUTH SUITE 600 ST. LOUIS PARK, MN 55416 Ph. (763) 591-5400	STRUCTURE: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	MEP: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	CIVIL: Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868
---	---	---	---

CYL1 - 65% CIVIL PLANS (NOT FOR CONSTRUCTION) 2025-07-24



REVISIONS		
NO.	DATE	DESCRIPTION
1	2025/07/07	35% DESIGN

DRAWN: CYL1
APPRVD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN
SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3126
PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN

C:\ACC\ACCDC\KIMLEY-HORN\060057000_CYL1\Project Files\00_Civil\SPS\03_Production-DWG\CYL1-1A-C-3125 GRADING AND DRAINAGE PLAN 6/19/2025 11:19 AM

MATCHLINE SEE SHEET 1A-C-3135

LEGEND

- PROPERTY LINE
- 200 --- EXISTING MAJOR CONTOUR (1' INTERVAL)
- 201 --- EXISTING MINOR CONTOUR (1' INTERVAL)
- 200 --- PROPOSED MAJOR CONTOUR (1' INTERVAL)
- 201 --- PROPOSED MINOR CONTOUR (1' INTERVAL)
- GRADE BREAK
- LOD --- LIMIT OF DISTURBANCE
- EXISTING EASEMENT
- G --- EXISTING GAS LINE
- OHE --- EXISTING OVERHEAD ELECTRIC
- DETENTION POND BOTTOM
- BUILDING PAD
- POND EXTENTS
- MATCHLINE
- (ELEV.) SPOT ELEVATION
- HP HIGH POINT
- LP LOW POINT
- TC TOP FACE OF CURB
- BC BOTTOM OF CURB / GUTTER LINE
- TW TOP OF GRADE AT WALL
- BW BOTTOM OF GRADE @ EXPOSED WALL
- INV INVERT
- RIM TOP OF GRATE / COVER

8 MONTH DELAY
LOOK AT PROVISIONS FOR THIS SITE.

FUTURE
CYL 2A DC

PROPOSED
SUBSTATION

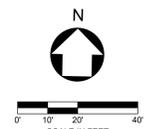
NOTES

1. CONTRACTOR TO INSTALL ALL REQUIRED INITIAL EPSC MEASURES PER PLANS PRIOR TO ANY DEMOLITION OR CLEARING AND GRUBBING
2. NO IMPACTS TO ANY IDENTIFIED JURISDICTIONAL ENVIRONMENTAL FEATURES OF ANY KIND IS PERMITTED UNTIL APPROVAL BY ADEQ AND USACE. FOLLOWING APPROVAL, ONLY IMPACTS TO FEATURES PERMITTED BY BOTH ADEQ AND USACE IS PERMITTED AND MUST COMPLY WITH PHASING AS IDENTIFIED IN PLANS.
3. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS SHOWN ON PLAN AND IMMEDIATELY NOTIFY ENGINEER/OWNER OF ANY DISCREPANCIES.
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6. CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS AND GUIDELINES OF THE EROSION CONTROL PLAN AND SITE SWPPP.
7. WHERE EXISTING GRADE IS AT A SLOPE STEEPER THAN ONE UNIT VERTICAL IN FIVE UNITS HORIZONTAL (20-PERCENT SLOPE) AND THE DEPTH OF THE FILL EXCEEDS 5 FEET, BENCHING SHALL BE PROVIDED.
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12. ALL GRADING AND EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE FINAL GEOTECHNICAL ENGINEERING REPORT.

LEGEND

- SOD
- SEED
- SHRUBS/GROUND COVER
- AGGREGATE GRAVEL (BY LANDSCAPE AND/OR CIVIL)

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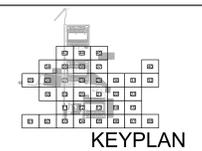
MATCHLINE SEE SHEET 1A-C-3126

MATCHLINE SEE SHEET 1A-C-3128

MATCHLINE SEE SHEET 1A-C-3119

ARCHITECTURE: HDR Architecture, Inc. 1601 UTICA AVE. SOUTH SUITE 600 ST. LOUIS PARK, MN 55416 Ph. (763) 591-5400	STRUCTURE: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	MEP: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	CIVIL: Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868
---	---	---	---

**CYL1 - 65% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-07-24**



REVISIONS	
NO.	DATE DESCRIPTION
1	2025/07/07 35% DESIGN

DRAWN: CYL1
APPRVD:
PROJECT ADDRESS:
CONFIDENTIAL
PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN

SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3127
PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN

---	PROPERTY LINE
---200---	EXISTING MAJOR CONTOUR (1' INTERVAL)
---201---	EXISTING MINOR CONTOUR (1' INTERVAL)
---200---	PROPOSED MAJOR CONTOUR
---201---	PROPOSED MINOR CONTOUR
---	GRADE BREAK
---	LIMIT OF DISTURBANCE
---	EXISTING EASEMENT
---	EXISTING GAS LINE
---	EXISTING OVERHEAD ELECTRIC
---	DETENTION POND BOTTOM
---	BUILDING PAD
---	POND EXTENTS
---	MATCHLINE
(819)	SPOT ELEVATION
HP	HIGH POINT
LP	LOW POINT
TC	TOP FACE OF CURB
BC	BOTTOM OF CURB / GUTTER LINE
TW	TOP OF GRADE AT WALL
BW	BOTTOM OF GRADE @ EXPOSED WALL
INV	INVERT
RIM	TOP OF GRATE / COVER

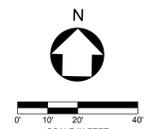
FUTURE CYL 2A DC

NOTES

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LEGEND	
[Green Box]	SOD
[Yellow Box]	SEED
[Red Box]	SHRUBS/GROUND COVER
[Blue Box]	AGGREGATE/GRAVEL (BY LANDSCAPE AND/OR CIVIL)

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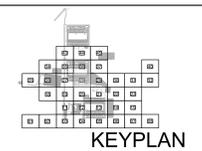
MATCHLINE SEE SHEET 1A-C-3127

MATCHLINE SEE SHEET 1A-C-3136

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ARCHITECTURE: HDR Architecture, Inc. 1601 UTICA AVE. SOUTH SUITE 600 ST. LOUIS PARK, MN 55416 Ph. (763) 591-5400	STRUCTURE: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	MEP: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	CIVIL: Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868
---	---	---	---

CYL1 - 65% CIVIL PLANS (NOT FOR CONSTRUCTION) 2025-07-24



REVISIONS	
NO.	DATE
1	2025/07/07
	DESCRIPTION: 35% DESIGN

DRAWN: CYL1
APPR'D:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN
SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3128
PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN

MATCHLINE SEE SHEET 1A-C-3137

LEGEND

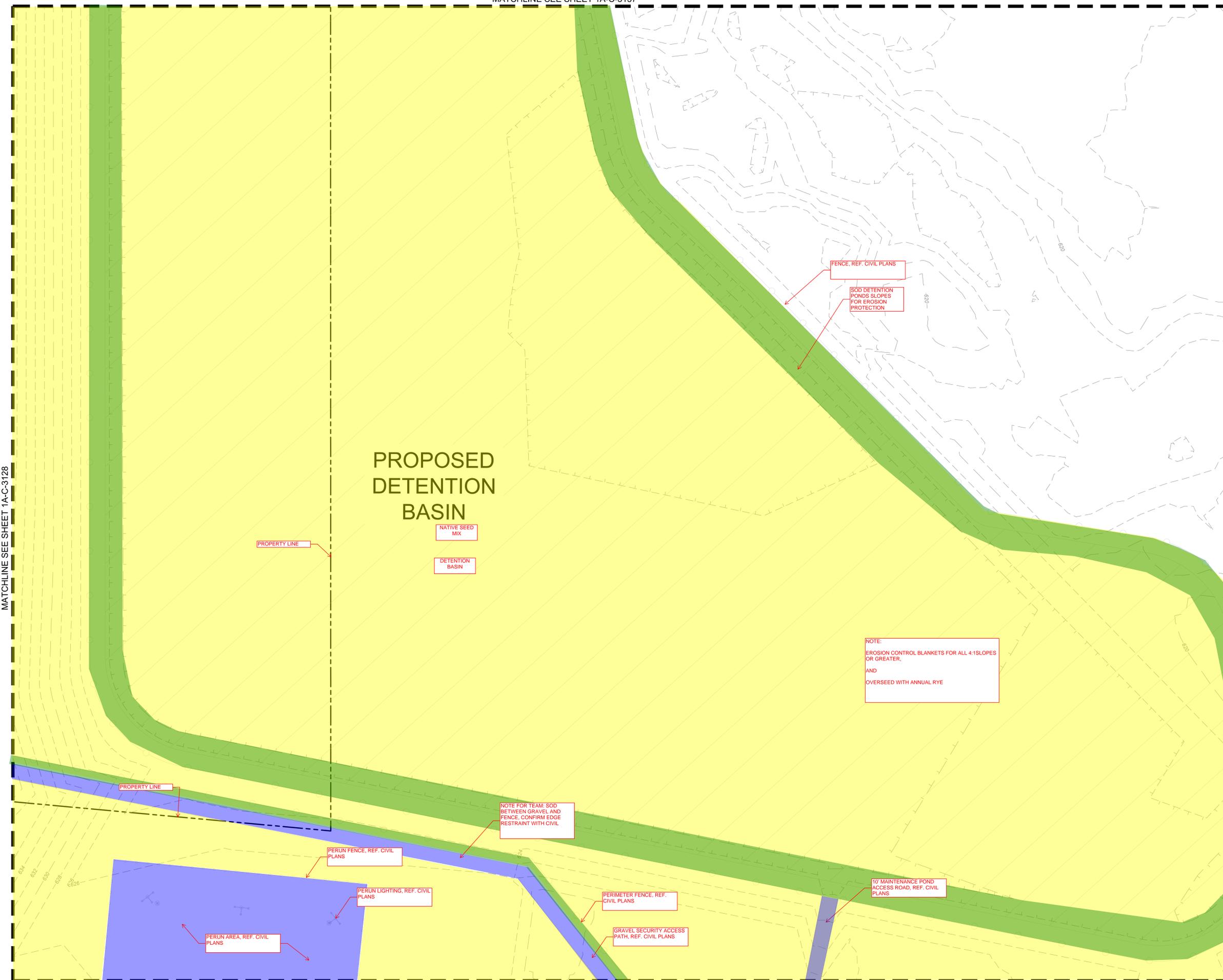
- PROPERTY LINE
- EXISTING MAJOR CONTOUR (1' INTERVAL)
- EXISTING MINOR CONTOUR (1' INTERVAL)
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- GRADE BREAK
- LIMIT OF DISTURBANCE
- EXISTING EASEMENT
- EXISTING GAS LINE
- EXISTING OVERHEAD ELECTRIC
- DETENTION POND BOTTOM
- BUILDING PAD
- POND EXTENTS
- MATCHLINE
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- TC TOP FACE OF CURB
- BC BOTTOM OF CURB / GUTTER LINE
- TW TOP OF GRADE AT WALL
- BW BOTTOM OF GRADE @ EXPOSED WALL
- INV INVERT
- RIM TOP OF GRATE / COVER

NOTES

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MATCHLINE SEE SHEET 1A-C-3128

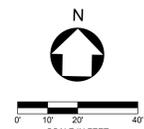
MATCHLINE SEE SHEET 1A-C-3130



LEGEND

- SOD
- SEED
- SHRUBS/GROUND COVER
- AGGREGATE GRAVEL (BY LANDSCAPE AND/OR CIVIL)

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MATCHLINE SEE SHEET 1A-C-3121

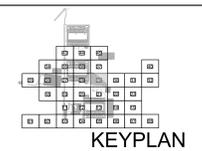
ARCHITECTURE:
HDR Architecture, Inc.
1601 UTICA AVE. SOUTH
SUITE 600
ST. LOUIS PARK, MN
55416
Ph. (763) 591-5400

STRUCTURE:
HDR Engineering, Inc.
1670 BROADWAY
DENVER, CO 80202
Ph. (763) 591-5400

MEP:
HDR Engineering, Inc.
1670 BROADWAY
DENVER, CO 80202
Ph. (763) 591-5400

CIVIL:
Kimley-Horn Associates, Inc.
1437 S BOULDER AVE.
TULSA, OK 74119
Ph. (918) 380-8868

**CYL1 - 65% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-07-24**



REVISIONS	
NO.	DATE
1	2025/07/07
	35% DESIGN

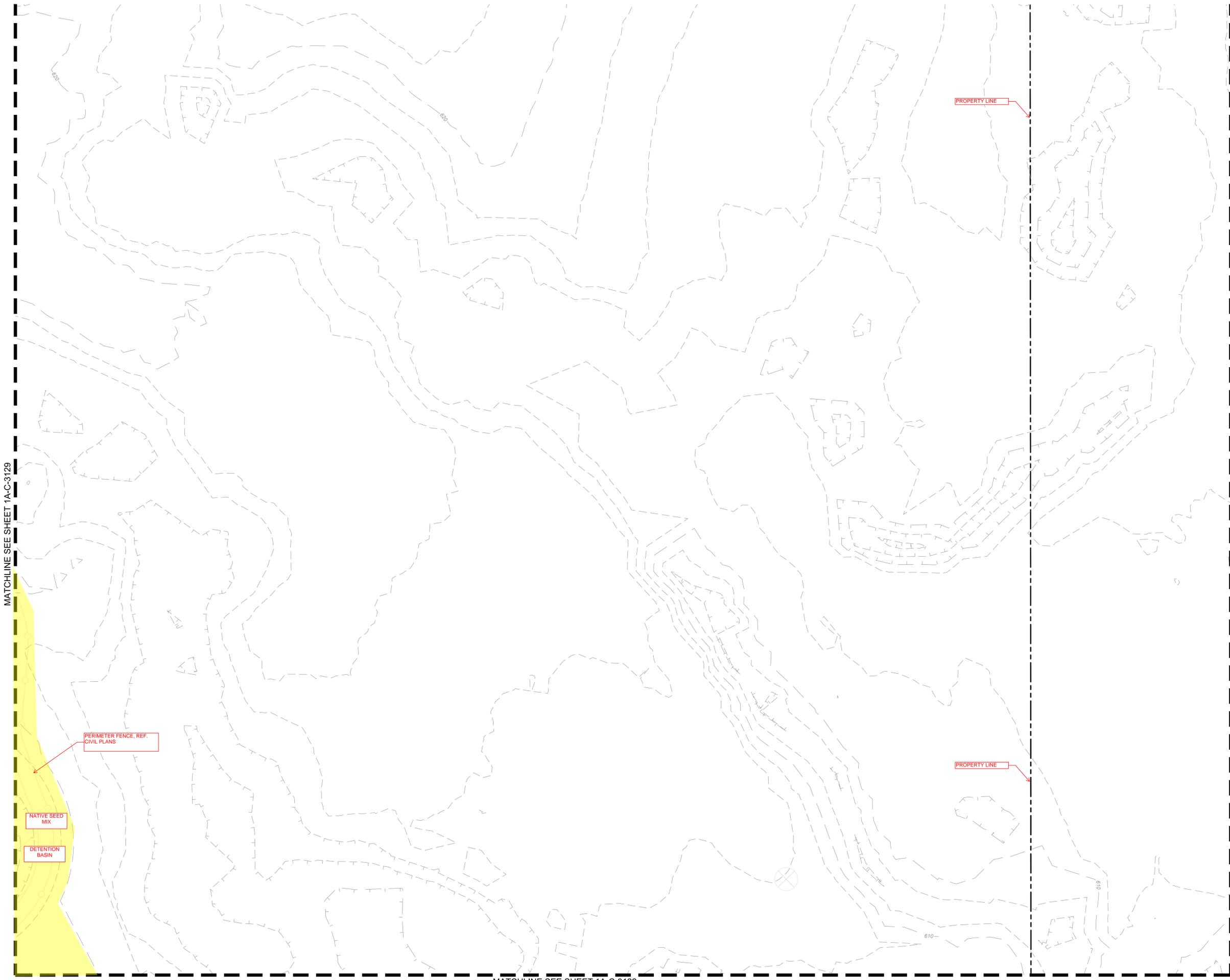
DRAWN: CYL1
APPRVD:
PROJECT ADDRESS:
CONFIDENTIAL
PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN
SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3129
PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN

C:\ACC\ACCDCS\Kimley-Horn\060057900_CYL1\Project Files\00_Civil\SPS\03_Production\DWGS\CYL1-1A-C-3106 GRADING AND DRAINAGE PLAN 7/24/2025 9:54 PM

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LEGEND

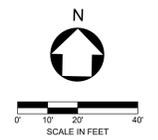
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	EXISTING MINOR CONTOUR (1' INTERVAL)
	PROPOSED MAJOR CONTOUR (1' INTERVAL)
	PROPOSED MINOR CONTOUR (1' INTERVAL)
	GRADE BREAK
	LIMIT OF DISTURBANCE
	EXISTING EASEMENT
	EXISTING GAS LINE
	EXISTING OVERHEAD ELECTRIC
	DETECTION POND BOTTOM
	BUILDING PAD
	POND EXTENTS
	MATCHLINE
	SPOT ELEVATION
	HIGH POINT
	LOW POINT
	TOP FACE OF CURB
	BOTTOM OF CURB / GUTTER LINE
	TOP OF GRADE AT WALL
	BOTTOM OF GRADE @ EXPOSED WALL
	INVERT
	TOP OF GRATE / COVER

- NOTES**
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 - CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS AND GUIDELINES OF THE EROSION CONTROL PLAN AND SITE SWPPP.
 - WHERE EXISTING GRADE IS AT A SLOPE STEEPER THAN ONE UNIT VERTICAL IN FIVE UNITS HORIZONTAL (20-PERCENT SLOPE) AND THE DEPTH OF THE FILL EXCEEDS 5 FEET, BENCHING SHALL BE PROVIDED.
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 - ALL GRADING AND EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE FINAL GEOTECHNICAL ENGINEERING REPORT.

LEGEND

	SOD
	SEED
	SHRUBS/GROUND COVER
	AGGREGATE/GRAVEL (BY LANDSCAPE AND/OR CIVIL)

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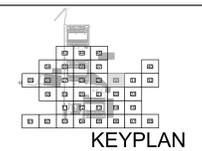
MATCHLINE SEE SHEET 1A-C-3129

MATCHLINE SEE SHEET 1A-C-3131

MATCHLINE SEE SHEET 1A-C-3122

ARCHITECTURE: HDR Architecture, Inc. 1601 UTICA AVE. SOUTH SUITE 600 ST. LOUIS PARK, MN 55416 Ph. (763) 591-5400	STRUCTURE: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	MEP: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	CIVIL: Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868
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**CYL1 - 65% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-07-24**



REVISIONS		
NO.	DATE	DESCRIPTION
1	2025/07/07	35% DESIGN

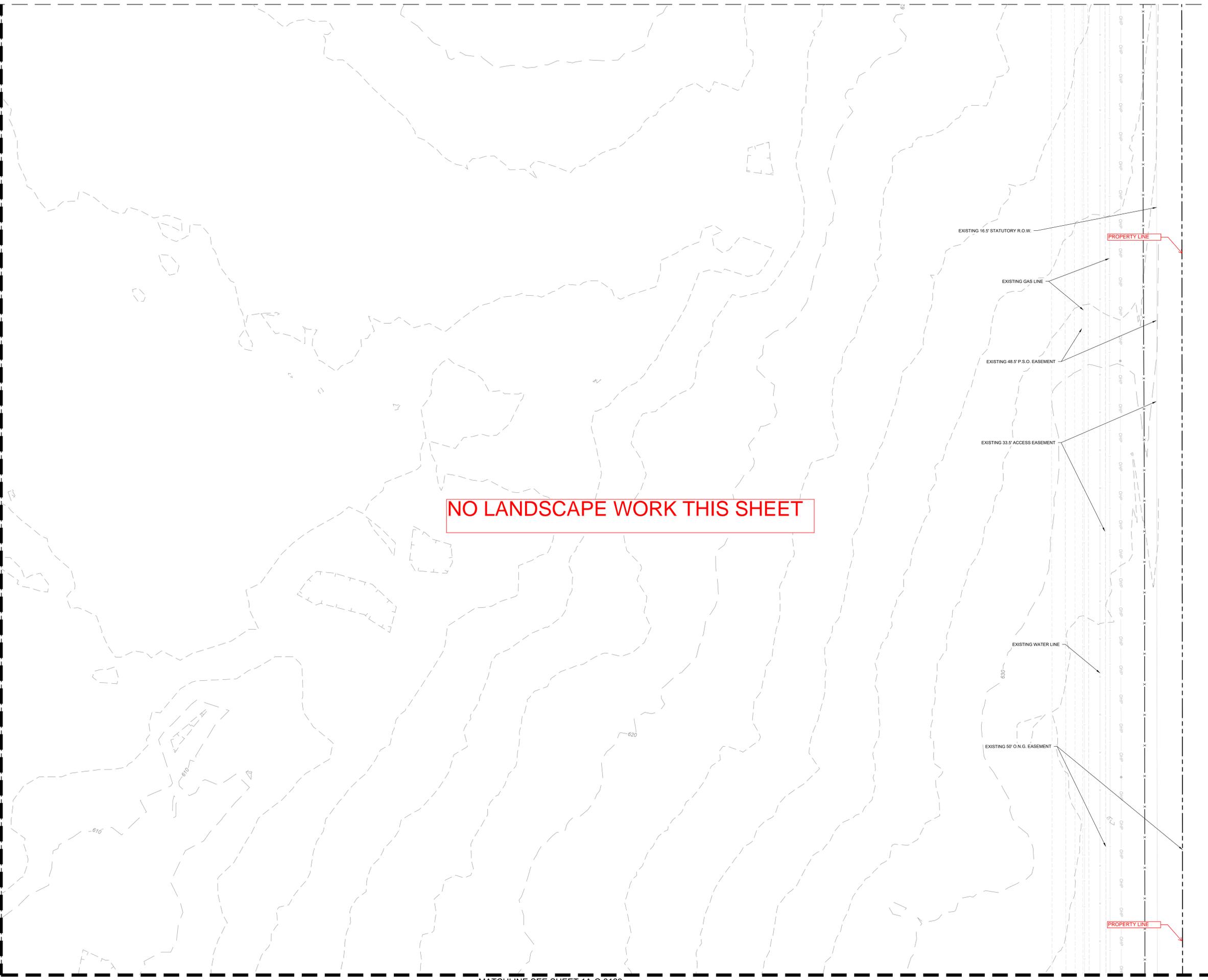
DRAWN: CYL1
APPRVD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN
SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3130
PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN

C:\ACC\ACC\dbs\Kimley-Horn\060057000_CYL1\Project Files\00_Civil\SPS\03_Production-DWG\CYL1-1A-C-3106 GRADING AND DRAINAGE PLAN 7/24/2025 9:54 PM

MATCHLINE SEE SHEET 1A-C-3130



MATCHLINE SEE SHEET 1A-C-3123

LEGEND

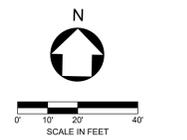
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	LIMIT OF DISTURBANCE
	EXISTING EASEMENT
	EXISTING GAS LINE
	EXISTING OVERHEAD ELECTRIC
	DETENTION POND BOTTOM
	BUILDING PAD
	POND EXTENTS
	MATCHLINE
	SPOT ELEVATION
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LEGEND

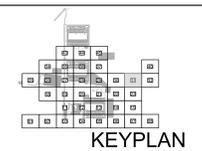
	SOD
	SEED
	SHRUBS/GROUNDCOVER
	AGGREGATE/GRAVEL (BY LANDSCAPE AND/OR CIVIL)

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ARCHITECTURE: HDR Architecture, Inc. 1601 UTICA AVE. SOUTH SUITE 600 ST. LOUIS PARK, MN 55416 Ph. (763) 591-5400	STRUCTURE: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	MEP: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	CIVIL: Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868
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**CYL1 - 65% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-07-24**



REVISIONS

NO.	DATE	DESCRIPTION
1	2025/07/07	35% DESIGN

DRAWN: CYL1
APPR'VD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN
SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3131
PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN

LEGEND

	PROPERTY LINE
	EXISTING MAJOR CONTOUR (1' INTERVAL)
	EXISTING MINOR CONTOUR (1' INTERVAL)
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	GRADE BREAK
	LIMIT OF DISTURBANCE
	EXISTING EASEMENT
	EXISTING GAS LINE
	EXISTING OVERHEAD ELECTRIC
	DETENTION POND BOTTOM
	BUILDING PAD
	POND EXTENTS
	MATCHLINE
	SPOT ELEVATION
HP	HIGH POINT
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INV	INVERT
RIM	TOP OF GRATE / COVER

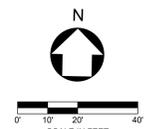
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NO LANDSCAPE WORK THIS SHEET

LEGEND	
	SOD
	SEED
	SHRUBS/GROUND COVER
	AGGREGATE/GRAVEL (BY LANDSCAPE AND/OR CIVIL)

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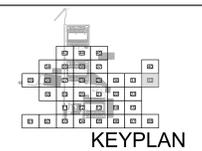


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MATCHLINE SEE SHEET 1A-C-3131

<p>ARCHITECTURE: HDR Architecture, Inc. 1601 UTICA AVE. SOUTH SUITE 600 ST. LOUIS PARK, MN 55416 Ph. (763) 591-5400</p>	<p>STRUCTURE: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400</p>	<p>MEP: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400</p>	<p>CIVIL: Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868</p>
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CYL1 - 65% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-07-24



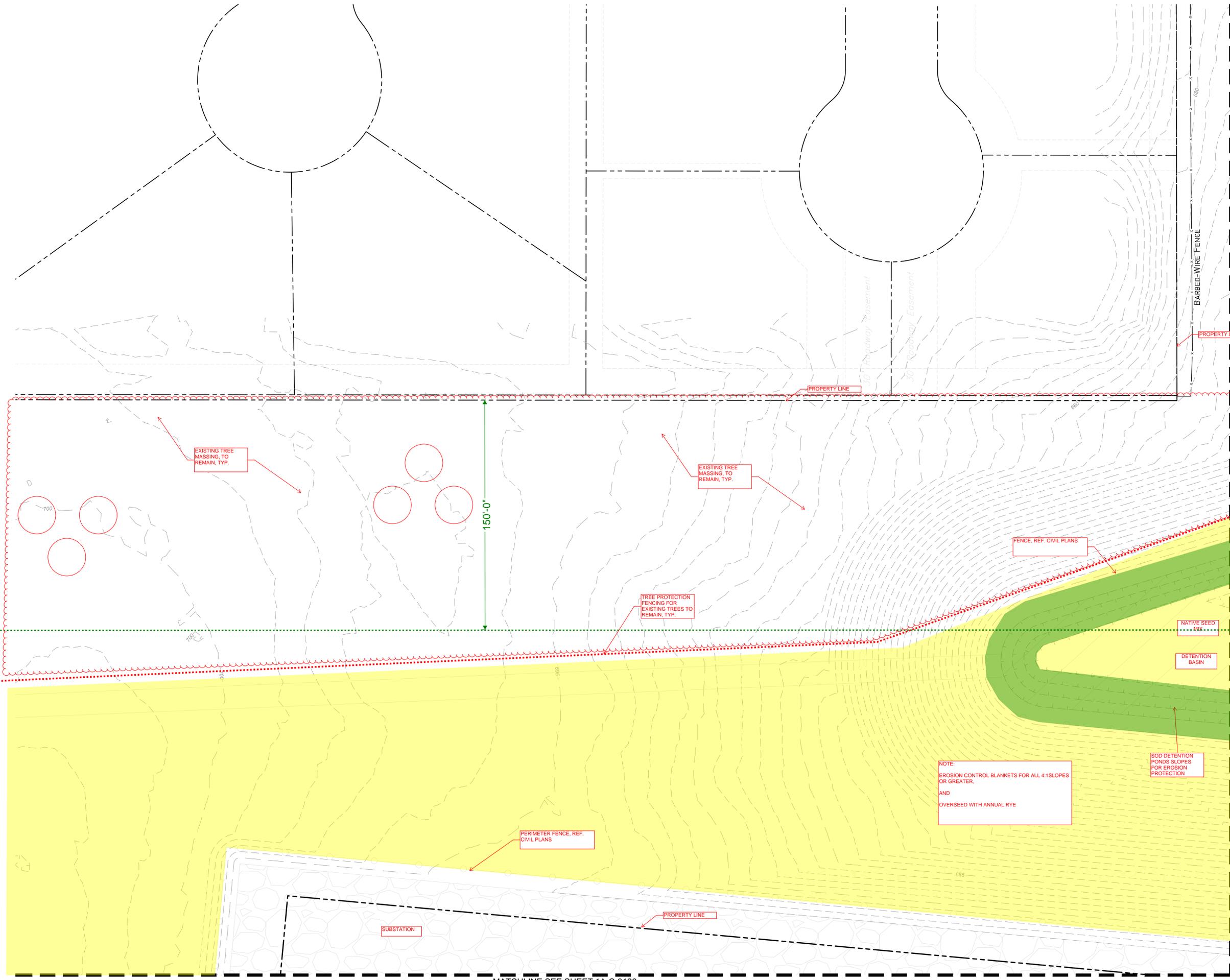
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NO.	DATE	DESCRIPTION
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DRAWN: CYL1
APPR'VD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN
SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3132
PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN

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LEGEND

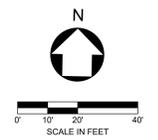
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---200---	PROPOSED MAJOR CONTOUR (1' INTERVAL)
---201---	PROPOSED MINOR CONTOUR (1' INTERVAL)
---	GRADE BREAK
---	LIMIT OF DISTURBANCE
---	EXISTING EASEMENT
---	EXISTING GAS LINE
---	EXISTING OVERHEAD ELECTRIC
---	DETENTION POND BOTTOM
---	BUILDING PAD
---	POND EXTENTS
---	MATCHLINE
(81.92)	SPOT ELEVATION
HP	HIGH POINT
LP	LOW POINT
TC	TOP FACE OF CURB
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LEGEND

[Green Box]	SOD
[Yellow Box]	SEED
[Red Box]	SHRUBS/GROUNDCOVER
[Blue Box]	AGGREGATE/GRAVEL (BY LANDSCAPE AND/OR CIVIL)

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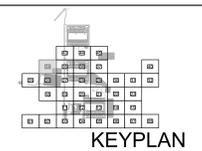
ARCHITECTURE:
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1601 UTICA AVE. SOUTH
SUITE 600
ST. LOUIS PARK, MN
55416
Ph. (763) 591-5400

STRUCTURE:
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DENVER, CO 80202
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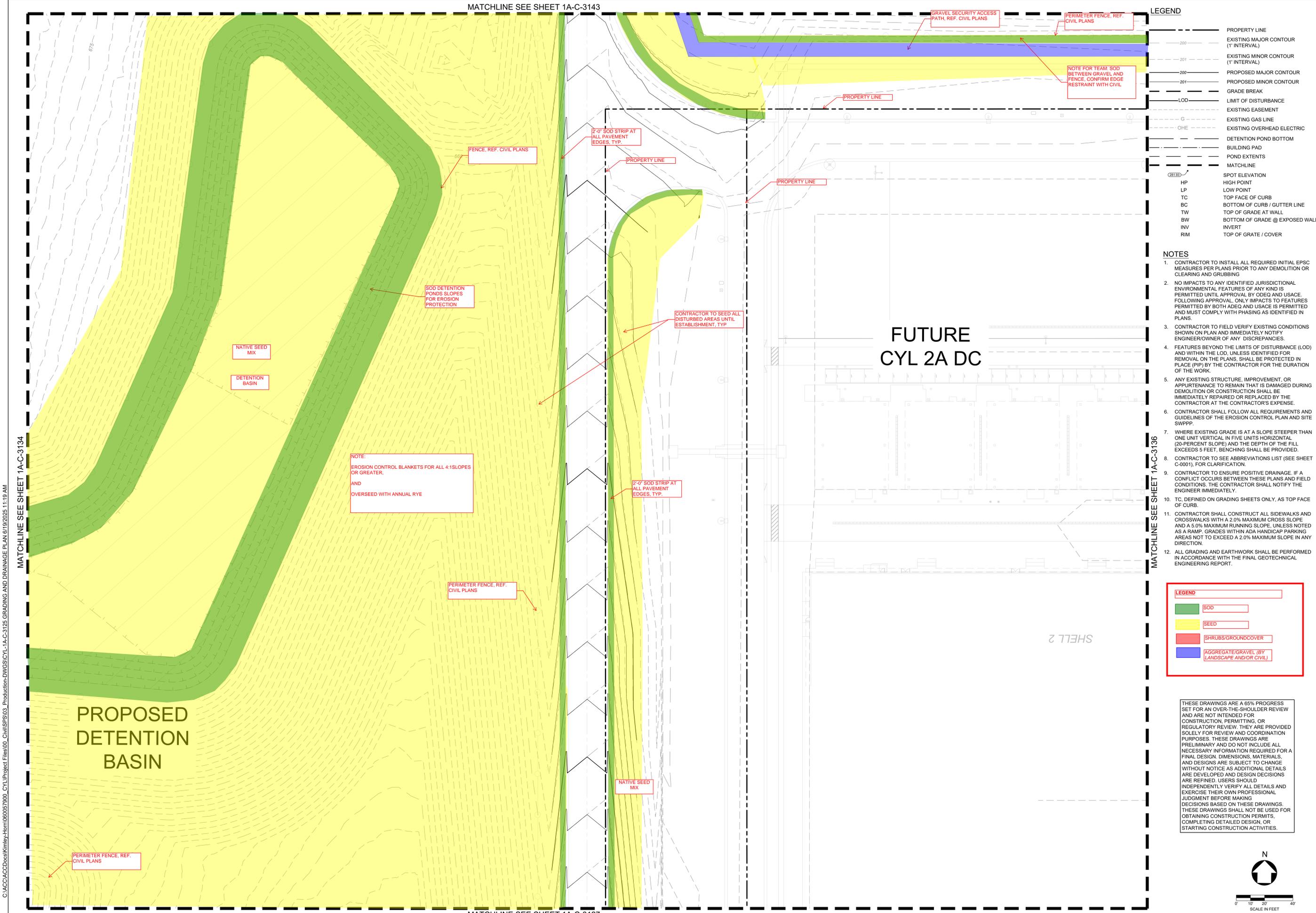
REVISIONS

NO.	DATE	DESCRIPTION
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DRAWN: CYL1
APPR'VD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN
SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3134
PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN



LEGEND

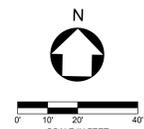
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 - CONTRACTOR TO SEE ABBREVIATIONS LIST (SEE SHEET C-000), FOR CLARIFICATION.
 - CONTRACTOR TO ENSURE POSITIVE DRAINAGE. IF A CONFLICT OCCURS BETWEEN THESE PLANS AND FIELD CONDITIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
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LEGEND

[Green Box]	SOD
[Yellow Box]	SEED
[Red Box]	SHRUBS/GROUND COVER
[Blue Box]	AGGREGATE GRAVEL (BY LANDSCAPE AND/OR CIVIL)

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C:\ACC\ACCDC\Kimley-Horn\060057000_CYL1\Project Files\00_Civil\SPS\03_Production-DWG\CYL1-1A-C-3125 GRADING AND DRAINAGE PLAN 6/19/2025 11:19 AM

MATCHLINE SEE SHEET 1A-C-3134

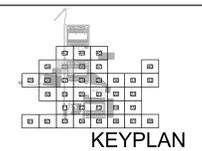
MATCHLINE SEE SHEET 1A-C-3136

MATCHLINE SEE SHEET 1A-C-3143

MATCHLINE SEE SHEET 1A-C-3127

ARCHITECTURE: HDR Architecture, Inc. 1601 UTICA AVE. SOUTH SUITE 600 ST. LOUIS PARK, MN 55416 Ph. (763) 591-5400	STRUCTURE: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	MEP: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	CIVIL: Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868
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**CYL1 - 65% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-07-24**

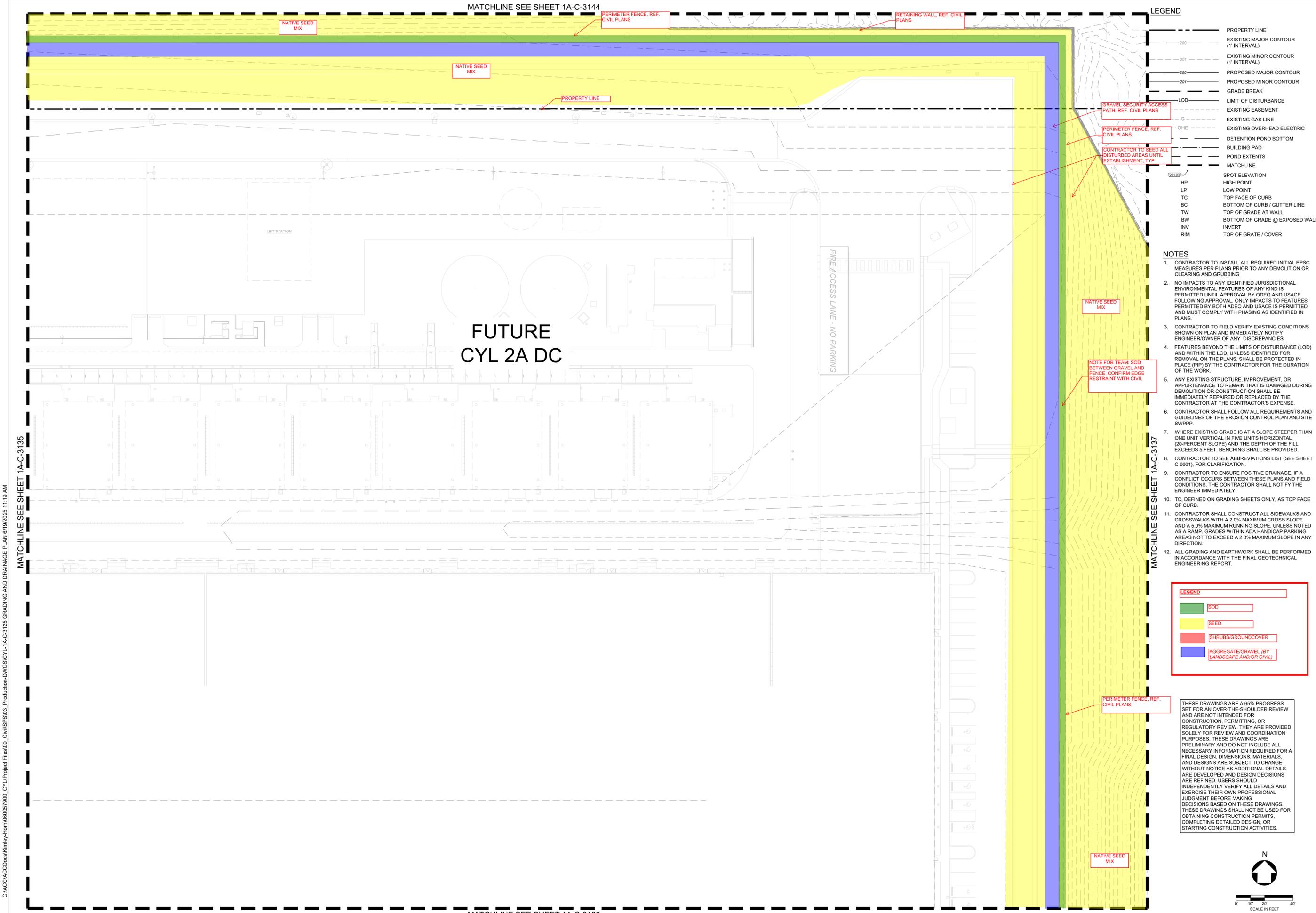


REVISIONS	
NO.	DATE
1	2025/07/07
	DESCRIPTION: 35% DESIGN

DRAWN: CYL1
APPRVD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN
SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3135
PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN



LEGEND

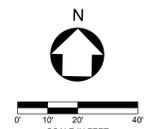
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---	EXISTING MAJOR CONTOUR (1' INTERVAL)
---	EXISTING MINOR CONTOUR (1' INTERVAL)
---	PROPOSED MAJOR CONTOUR
---	PROPOSED MINOR CONTOUR
---	GRADE BREAK
---	LIMIT OF DISTURBANCE
---	EXISTING EASEMENT
---	EXISTING GAS LINE
---	EXISTING OVERHEAD ELECTRIC
---	DETECTION POND BOTTOM
---	BUILDING PAD
---	POND EXTENTS
---	MATCHLINE
---	SPOT ELEVATION
HP	HIGH POINT
LP	LOW POINT
TC	TOP FACE OF CURB
BC	BOTTOM OF CURB / GUTTER LINE
TW	TOP OF GRADE AT WALL
BW	BOTTOM OF GRADE @ EXPOSED WALL
INV	INVERT
RIM	TOP OF GRATE / COVER

- NOTES**
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LEGEND

Green	SOD
Yellow	SEED
Red	SHRUBS/GROUND COVER
Blue	AGGREGATE/GRAVEL (BY LANDSCAPE AND/OR CIVIL)

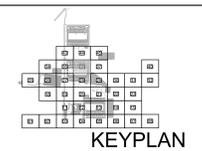
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C:\ACC\ACC\dbsa\kimley-horn\060057900_CYL1\Project Files\00_Civil\SPS03_Production-DWG\CYL1-1A-C-3125 GRADING AND DRAINAGE PLAN 6/19/2025 11:19 AM

ARCHITECTURE: HDR Architecture, Inc. 1601 UTICA AVE. SOUTH SUITE 600 ST. LOUIS PARK, MN 55416 Ph. (763) 591-5400	STRUCTURE: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	MEP: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	CIVIL: Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868
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**CYL1 - 65% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-07-24**



REVISIONS	
NO.	DATE
1	2025/07/07
	DESCRIPTION: 35% DESIGN

DRAWN: CYL1
APPR'VD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN
SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3136
PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN

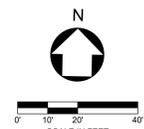
	PROPERTY LINE
	EXISTING MAJOR CONTOUR (1' INTERVAL)
	EXISTING MINOR CONTOUR (1' INTERVAL)
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	GRADE BREAK
	LIMIT OF DISTURBANCE
	EXISTING EASEMENT
	EXISTING GAS LINE
	EXISTING OVERHEAD ELECTRIC
	DETENTION POND BOTTOM
	BUILDING PAD
	POND EXTENTS
	MATCHLINE
	SPOT ELEVATION
	HIGH POINT
	LOW POINT
	TOP FACE OF CURB
	BOTTOM OF CURB / GUTTER LINE
	TOP OF GRADE AT WALL
	BOTTOM OF GRADE @ EXPOSED WALL
	INVERT
	TOP OF GRATE / COVER

NOTES

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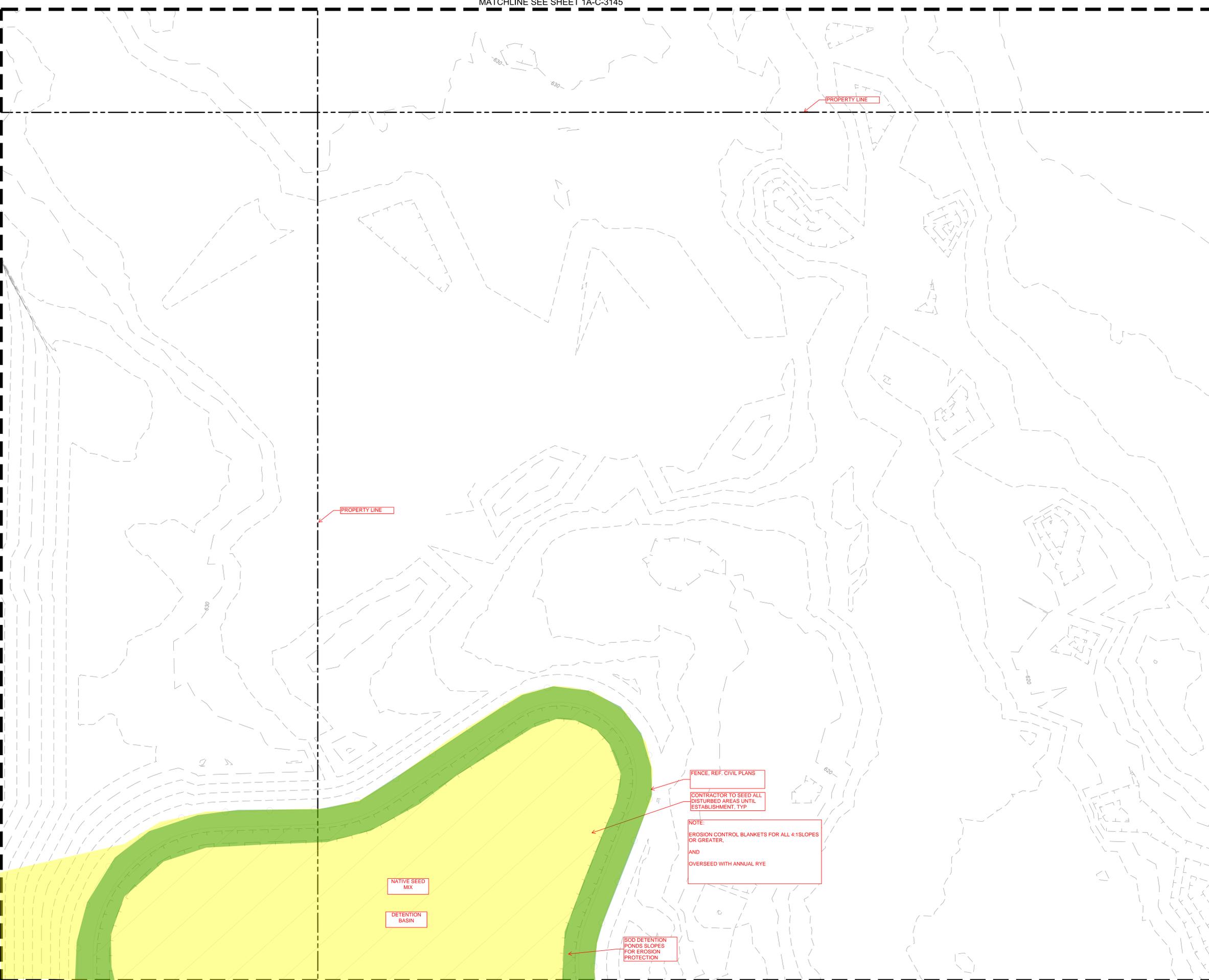
	SOD
	SEED
	SHRUBS/GROUNDCOVER
	AGGREGATE/GRAVEL (BY LANDSCAPE AND/OR CIVIL)

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MATCHLINE SEE SHEET 1A-C-3136

C:\ACC\ACCDC\Kimley-Horn\060057900_CYL1\Project Files\00_Civil\SPS\03_Production\DWGS\CYL1-1A-C-3106 GRADING AND DRAINAGE PLAN 7/24/2025 9:54 PM



PROPERTY LINE

PROPERTY LINE

NATIVE SEED MIX

DETENTION BASIN

SOD DETENTION POND SLOPES FOR EROSION PROTECTION

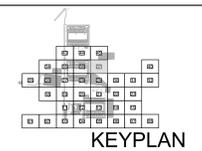
FENCE, REF. CIVIL PLANS

CONTRACTOR TO SEED ALL DISTURBED AREAS UNTIL ESTABLISHMENT, TYP

NOTE: EROSION CONTROL BLANKETS FOR ALL 4:1 SLOPES OR GREATER, AND OVERSEED WITH ANNUAL RYE

ARCHITECTURE: HDR Architecture, Inc. 1601 UTICA AVE. SOUTH SUITE 600 ST. LOUIS PARK, MN 55416 Ph. (763) 591-5400	STRUCTURE: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	MEP: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	CIVIL: Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868
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**CYL1 - 65% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-07-24**



REVISIONS	
NO.	DATE
1	2025/07/07
	DESCRIPTION: 35% DESIGN

DRAWN: CYL1
APPRV'D:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN
SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3137
PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN

LEGEND

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	EXISTING MINOR CONTOUR (1' INTERVAL)
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	GRADE BREAK
	LIMIT OF DISTURBANCE
	EXISTING EASEMENT
	EXISTING GAS LINE
	EXISTING OVERHEAD ELECTRIC
	DETENTION POND BOTTOM
	BUILDING PAD
	POND EXTENTS
	MATCHLINE
	SPOT ELEVATION
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	LOW POINT
	TOP FACE OF CURB
	BOTTOM OF CURB / GUTTER LINE
	TOP OF GRADE AT WALL
	BOTTOM OF GRADE @ EXPOSED WALL
	INVERT
	TOP OF GRATE / COVER

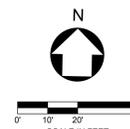
NOTES

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NO LANDSCAPE WORK THIS SHEET

LEGEND	
	SOD
	SEED
	SHRUBS/GROUND COVER
	AGGREGATE/GRAVEL (BY LANDSCAPE AND/OR CIVIL)

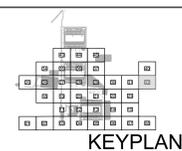
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MATCHLINE SEE SHEET 1A-C-3132

<p>ARCHITECTURE: HDR Architecture, Inc. 1601 UTICA AVE. SOUTH SUITE 600 ST. LOUIS PARK, MN 55416 Ph. (763) 591-5400</p>	<p>STRUCTURE: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400</p>	<p>MEP: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400</p>	<p>CIVIL: Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868</p>
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CYL1 - 65% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-07-24



REVISIONS		
NO.	DATE	DESCRIPTION
1	2025/07/07	35% DESIGN

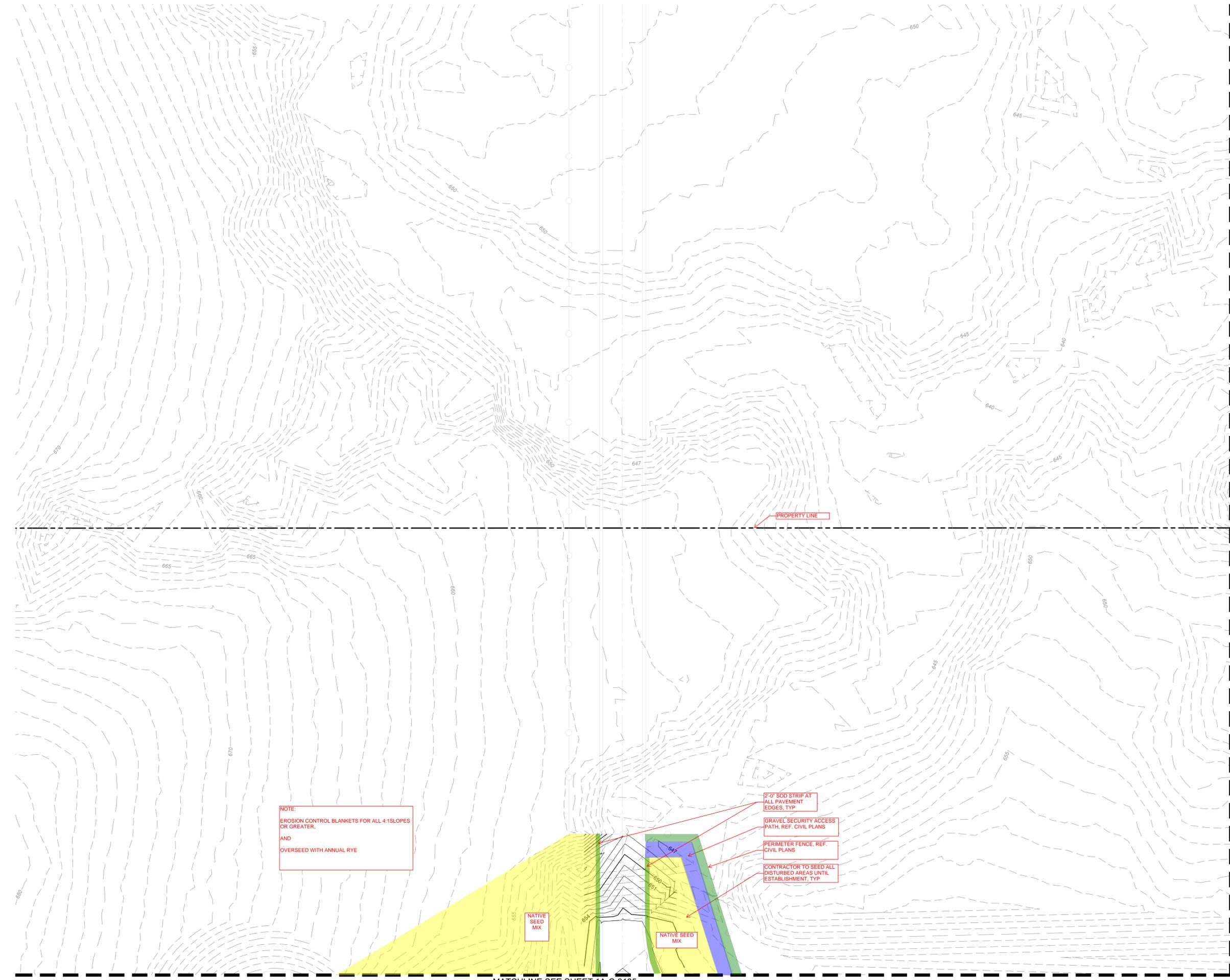
DRAWN: CYL1
APPRV'D:
PROJECT ADDRESS:
CONFIDENTIAL
PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN

SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3140
PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN

C:\ACC\ACCDocs\Kimley-Horn\060057900_CYL1\Project Files\00_Civil\SPS\03_Production\DWGS\CYL1A-C-3125 GRADING AND DRAINAGE PLAN 6/19/2025 11:19 AM



NOTE:
EROSION CONTROL BLANKETS FOR ALL 4:1 SLOPES
OR GREATER,
AND
OVERSEED WITH ANNUAL RYE

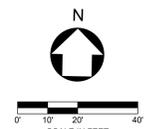
- 2'-0" SOD STRIP AT ALL PAVEMENT EDGES, TYP
- GRAVEL SECURITY ACCESS PATH, REF. CIVIL PLANS
- PERIMETER FENCE, REF. CIVIL PLANS
- CONTRACTOR TO SEED ALL DISTURBED AREAS UNTIL ESTABLISHMENT, TYP

LEGEND	
	PROPERTY LINE
	EXISTING MAJOR CONTOUR (1' INTERVAL)
	EXISTING MINOR CONTOUR (1' INTERVAL)
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
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 - CONTRACTOR SHALL CONSTRUCT ALL SIDEWALKS AND CROSSWALKS WITH A 2.0% MAXIMUM CROSS SLOPE AND A 5.0% MAXIMUM RUNNING SLOPE, UNLESS NOTED AS A RAMP. GRADES WITHIN ADA HANDICAP PARKING AREAS NOT TO EXCEED A 2.0% MAXIMUM SLOPE IN ANY DIRECTION.
 - ALL GRADING AND EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE FINAL GEOTECHNICAL ENGINEERING REPORT.

LEGEND	
	SOD
	SEED
	SHRUBS/GROUNDCOVER
	AGGREGATE/GRAVEL (BY LANDSCAPE AND/OR CIVIL)

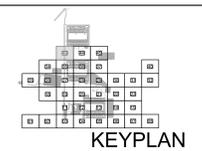
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MATCHLINE SEE SHEET 1A-C-3135

ARCHITECTURE: HDR Architecture, Inc. 1601 UTICA AVE. SOUTH SUITE 600 ST. LOUIS PARK, MN 55416 Ph. (763) 591-5400	STRUCTURE: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	MEP: HDR Engineering, Inc. 1670 BROADWAY DENVER, CO 80202 Ph. (763) 591-5400	CIVIL: Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868
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**CYL1 - 65% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-07-24**



REVISIONS		
NO.	DATE	DESCRIPTION
1	2025/07/07	35% DESIGN

DRAWN: CYL1
APPRVD:
PROJECT ADDRESS:
CONFIDENTIAL
PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN
SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3143
PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN

C:\ACC\ACC\docs\kimley-horn\060057900_CYL1\Project Files\00_Civil\SPS\03_Production\DWGS\CYL1A-C-3125 GRADING AND DRAINAGE PLAN 6/19/2025 11:19 AM



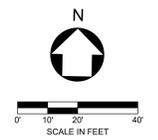
LEGEND	
	PROPERTY LINE
	EXISTING MAJOR CONTOUR (1' INTERVAL)
	EXISTING MINOR CONTOUR (1' INTERVAL)
	PROPOSED MAJOR CONTOUR (1' INTERVAL)
	PROPOSED MINOR CONTOUR (1' INTERVAL)
	GRADE BREAK
	LIMIT OF DISTURBANCE
	EXISTING EASEMENT
	EXISTING GAS LINE
	EXISTING OVERHEAD ELECTRIC
	DETECTION POND BOTTOM
	BUILDING PAD
	POND EXTENTS
	MATCHLINE
	SPOT ELEVATION
	HP HIGH POINT
	LP LOW POINT
	TC TOP FACE OF CURB
	BC BOTTOM OF CURB / GUTTER LINE
	TW TOP OF GRADE AT WALL
	BW BOTTOM OF GRADE @ EXPOSED WALL OF THE WORK
	INV INVERT
	RIM TOP OF GRATE / COVER

- NOTES**
- CONTRACTOR TO INSTALL ALL REQUIRED INITIAL EPSC MEASURES PER PLANS PRIOR TO ANY DEMOLITION OR CLEARING AND GRUBBING
 - NO IMPACTS TO ANY IDENTIFIED JURISDICTIONAL ENVIRONMENTAL FEATURES OF ANY KIND IS PERMITTED UNTIL APPROVAL BY ADEQ AND USACE. FOLLOWING APPROVAL, ONLY IMPACTS TO FEATURES PERMITTED BY BOTH ADEQ AND USACE IS PERMITTED AND MUST COMPLY WITH PHASING AS IDENTIFIED IN PLANS.
 - CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS SHOWN ON PLAN AND IMMEDIATELY NOTIFY ENGINEER/OWNER OF ANY DISCREPANCIES.
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 - CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS AND GUIDELINES OF THE EROSION CONTROL PLAN AND SITE SWPPP.
 - WHERE EXISTING GRADE IS AT A SLOPE STEEPER THAN ONE UNIT VERTICAL IN FIVE UNITS HORIZONTAL (20-PERCENT SLOPE) AND THE DEPTH OF THE FILL EXCEEDS 5 FEET, BENCHING SHALL BE PROVIDED.
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NO LANDSCAPE WORK THIS SHEET

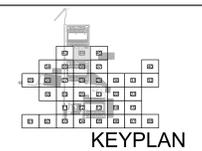
LEGEND	
	SOD
	SEED
	SHRUBS/GROUND COVER
	AGGREGATE/GRAVEL (BY LANDSCAPE AND/OR CIVIL)

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**CYL1 - 65% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-07-24**



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1	2025/07/07	35% DESIGN

DRAWN: CYL1
APPRVD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

GRADING AND DRAINAGE PLAN
SCALE: AS SHOWN

SHEET NUMBER:
1A-C-3144
PAPER SIZE: E (36"x48")
PHASE: 65% DETAILED DESIGN

C:\ACC\ACC\docs\kimley-horn\060057900_CYL1\Project Files\00_Civil\SPS\03_Production\DWGS\CYL1A-C-3106 GRADING AND DRAINAGE PLAN 7/24/2025 9:54 PM

MATCHLINE SEE SHEET 1A-C-3144

MATCHLINE SEE SHEET 1A-C-3137

LEGEND

	PROPERTY LINE
	EXISTING MAJOR CONTOUR (1' INTERVAL)
	EXISTING MINOR CONTOUR (1' INTERVAL)
	PROPOSED MAJOR CONTOUR (1' INTERVAL)
	PROPOSED MINOR CONTOUR (1' INTERVAL)
	GRADE BREAK
	LIMIT OF DISTURBANCE
	EXISTING EASEMENT
	EXISTING GAS LINE
	EXISTING OVERHEAD ELECTRIC
	DETENTION POND BOTTOM
	BUILDING PAD
	POND EXTENTS
	MATCHLINE
	SPOT ELEVATION
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	BOTTOM OF GRADE @ EXPOSED WALL
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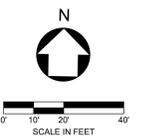
NO LANDSCAPE WORK THIS SHEET

**FUTURE
DETENTION
BASIN**

LEGEND

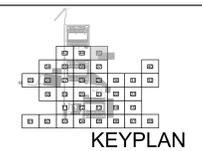
	SOD
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