

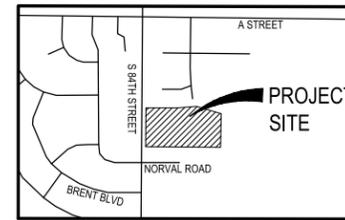
GRADING & EROSION LEGEND

- Property Line
- - - Adjacent Property Line
- - - Easement
- ▭ Building
- - - Exist. Major Contours
- - - Exist. Minor Contours
- - - Prop. Major Contours
- - - Prop. Minor Contours
- - - SF
- - - Straw Wattle Inlet Protection
- - - Valley Line
- - - Ridge Line
- Flow Direction
- ▭ Gravel Drive

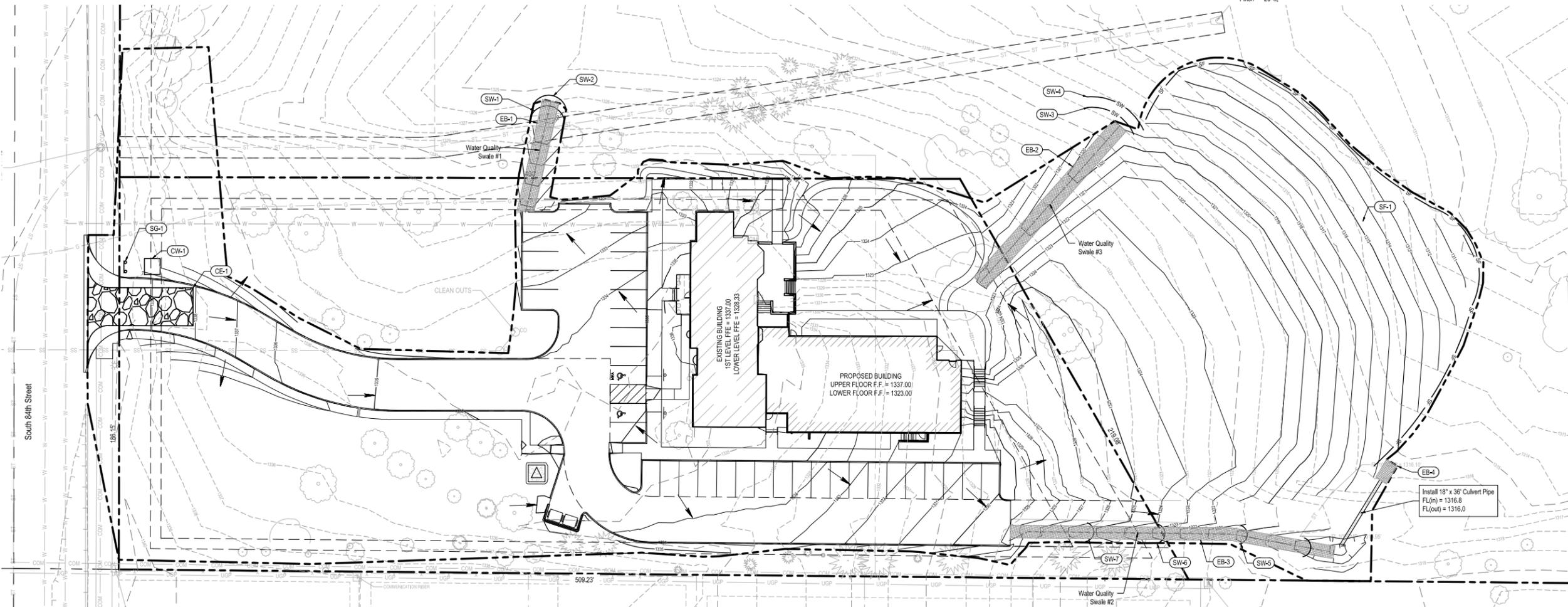
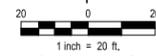
TEMPORARY SEEDING SPECIES & RATES

Species	Seeding Rate
Spring Oats ¹	2 bu./Ac.
Barley ²	2 bu./Ac.
Perennial Ryegrass ³	30-40 lbs./Ac.
Orchard Grass ³	20-25 lbs./Ac.
Grain Sorghum (drilled) ³	10-20 lbs./Ac.
Forage Sorghum (drilled) ³	10-20 lbs./Ac.
Hybrid Sudangrass ³	20-30 lbs./Ac.
Winter Wheat ⁴	1.5 bu./Ac.
Winter Rye ⁴	1.5 bu./Ac.

¹ March 15 - May 15
² May 16 - July 15
³ July 16 - October 15
⁴ August 16 - October 15
 October 15 - March 15 No Planting, Use Mulches



VICINITY MAP



CADRE
ARCHITECTURE + DESIGN

Cadre A+D
2000 Main Street, Suite 100
Lincoln, NE 68502
Phone: 402.434.8804

EAA Consulting Group, Inc.
700 S. 10th Street, Suite 400
Lincoln, NE 68502
Phone: 402.434.5217

Structural Design Group
402 S. 10th Street, Suite 100
Lincoln, NE 68502
Phone: 402.434.5217

Advanced Engineering Systems
402 S. 10th Street, Suite 100
Lincoln, NE 68502
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Architect
Civil Engineer
Structural Engineer
MEP

SUBMITTAL TITLE
 ISSUE DATE
 BID PACKAGE NO. 1 06/15/2023

1620 84TH STREET ADDITION/RENOVATION
 HOPPE DEVELOPMENT
 1620 S 84TH STREET, LINCOLN, NE 68504

GENERAL NOTES

- All OPERATORS/CONTRACTORS must confirm with the APPLICANT that any and all applicable governmental approvals have been received prior to the start of work.
- BMP's may not be removed without INSPECTOR and applicable government approval.
- The SWPPP documents (e.g., NDEQ-NPDES, SWPPP-SM, SWPPP-N, etc.) are essential and a requirement in one part is as binding as though occurring in all. The SWPPP documents are complementary. The documents describe and provide the complete SWPPP. The APPLICANT, INSPECTOR, and/or CONTRACTORS/OPERATORS may not take advantage of any apparent SWPPP errors or omissions. The INSPECTOR shall notify the APPLICANT, DESIGNER, and CONTRACTORS/OPERATORS promptly of any omissions or errors. The APPLICANT shall instruct the DESIGNER to make any corrections necessary to fulfill the overall intent of the SWPPP Documents (e.g., Grading Permit Modification Form). In the case of a discrepancy between parts of the SWPPP documents, the most stringent requirement shall rule.

GENERAL GRADING NOTES:

- Proposed contours represent the top of the proposed finished ground surface. The grading contractor shall make appropriate adjustments to determine the proper elevation for pavement subgrade.
- Utilities are shown as a convenience for the contractor. The locations of all aerial and underground utility facilities may not be indicated on these plans. Underground utilities, whether indicated or not, will be located and flagged by the utility companies at the contractor's request. No excavation shall be permitted in the area of underground utilities until all facilities have been located and identified to the satisfaction of all parties, and then, only with extreme care to avoid any possibility of damages to the facilities.
- The contractor shall be responsible for prompt reconstruction of any erosion control improvements disturbed by his operations. All disturbed erosion control improvements shall be fully reconstructed at the end of each working day prior to leaving the site. Positive drainage in all work areas shall be maintained in the condition the construction site was prior to contractor's arrival.
- All disturbed areas that will not be impacted by construction activity for 14 consecutive days shall be stabilized with temporary or permanent seeding and mulch.
- Before leaving the site, the contractor shall remove all construction debris and temporary surfacing and restore all staging areas to their original lane and grade and shape all areas for positive drainage.
- Sediment and erosion control measures shall be maintained until seeding or side has been established on upstream areas.
- Soil compaction shall be completed in accordance with recommendations of the site geotechnical report prepared by ISG-TEAM dated August 9, 2023.
- To the extent practicable, construction activity shall be limited to the limits of land disturbance shown. Existing ground cover shall be maintained beyond the limits of construction.
- See Sheets C3.1 for details of sediment and erosion control measures.
- Contractor to coordinate with owner on the tree removal or transplant.
- Culvert pipe material shall be one of the following:
 - Corrugated Metal Pipe rated for HS-20 live load.
 - Dual wall HDPE Pipe with Smooth Interior per ASTM-F-2306

ID	MATERIAL	SIZE
EB-1	Coconut Fiber, NAG C125 or Equivalent	8' X 55'
EB-2	Double Net Straw, NAG S150 or Equivalent	8' X 100'
EB-3	Coconut Fiber, NAG C125 or Equivalent	8' x 155'
EB-4	Coconut Fiber, NAG C125 or Equivalent	8' x 10'

09/28/2023 Estimated Start Date	09/30/2024 Estimated End Date	CSW-202308060 NDEE NOI Number
Hoppe Inc, Headquarters Building Project Name		1620 S 84TH ST. Address
Hoppe Echo Addition Subdivision Name		LINCOLN LANCASTER City County
40.79549°N Latitude	96.60519°W Longitude	NEBRASKA 68520 State Zip Code
Total Site Area (Acres)	7.03	Estimated Permit Duration (Months) 12
Disturbed Area (Acres)	2.58	
Undisturbed Area (Acres)	4.45	

ID	BMP	INSTALL	REMOVE
CE-X	Construction Entrance	Prior to Land Disturbance	Immediately prior to drive paving
SG-X	SWPPP Sign/Notice	Prior to Land Disturbance	Following final stabilization
CW-X	Concrete Washout	Prior to Concrete Placement	After completion of concrete work
SF-X	Silt Fence	Prior to Striping	After final seeding is established
EB-X	Erosion Control Blanket	Following Final Swale Shaping	N/A



BENCHMARK:
BENCHMARK #1: CENTER OF CURB INLET MANHOLE COVER LOCATED AT THE SW CORNER OF PROPERTY.
 ELEV: 1339.47'
BENCHMARK #2: CENTER OF SAN SEWER MANHOLE COVER LOCATED AT THE NW CORNER OF PROPERTY.
 ELEV: 1340.01'

2022.259.002

GRADING & SWPPP PLAN

C3.0