



GENERAL NOTES

1. All project activities, materials, tools and equipment shall conform to the City of Omaha...

2. The Contractor shall be responsible for obtaining all necessary permits and licenses...

3. The Contractor shall be responsible for obtaining all necessary permits and licenses...

4. The Contractor shall be responsible for obtaining all necessary permits and licenses...

5. The Contractor shall be responsible for obtaining all necessary permits and licenses...

6. The Contractor shall be responsible for obtaining all necessary permits and licenses...

7. The Contractor shall be responsible for obtaining all necessary permits and licenses...

8. The Contractor shall be responsible for obtaining all necessary permits and licenses...

9. The Contractor shall be responsible for obtaining all necessary permits and licenses...

10. The Contractor shall be responsible for obtaining all necessary permits and licenses...

11. The Contractor shall be responsible for obtaining all necessary permits and licenses...

12. The Contractor shall be responsible for obtaining all necessary permits and licenses...

13. The Contractor shall be responsible for obtaining all necessary permits and licenses...

14. The Contractor shall be responsible for obtaining all necessary permits and licenses...

15. The Contractor shall be responsible for obtaining all necessary permits and licenses...

16. The Contractor shall be responsible for obtaining all necessary permits and licenses...

17. The Contractor shall be responsible for obtaining all necessary permits and licenses...

18. The Contractor shall be responsible for obtaining all necessary permits and licenses...

19. The Contractor shall be responsible for obtaining all necessary permits and licenses...

20. The Contractor shall be responsible for obtaining all necessary permits and licenses...

21. The Contractor shall be responsible for obtaining all necessary permits and licenses...

22. The Contractor shall be responsible for obtaining all necessary permits and licenses...

23. The Contractor shall be responsible for obtaining all necessary permits and licenses...

24. The Contractor shall be responsible for obtaining all necessary permits and licenses...

25. The Contractor shall be responsible for obtaining all necessary permits and licenses...

26. The Contractor shall be responsible for obtaining all necessary permits and licenses...

27. The Contractor shall be responsible for obtaining all necessary permits and licenses...

28. The Contractor shall be responsible for obtaining all necessary permits and licenses...

29. The Contractor shall be responsible for obtaining all necessary permits and licenses...

30. The Contractor shall be responsible for obtaining all necessary permits and licenses...

31. The Contractor shall be responsible for obtaining all necessary permits and licenses...

32. The Contractor shall be responsible for obtaining all necessary permits and licenses...

33. The Contractor shall be responsible for obtaining all necessary permits and licenses...

34. The Contractor shall be responsible for obtaining all necessary permits and licenses...

35. The Contractor shall be responsible for obtaining all necessary permits and licenses...

36. The Contractor shall be responsible for obtaining all necessary permits and licenses...

37. The Contractor shall be responsible for obtaining all necessary permits and licenses...

38. The Contractor shall be responsible for obtaining all necessary permits and licenses...

39. The Contractor shall be responsible for obtaining all necessary permits and licenses...

40. The Contractor shall be responsible for obtaining all necessary permits and licenses...

ASHBURY HILLS

GRADING & STORMWATER POLLUTION PREVENTION PLAN
OPW: PAP-20180830-4699-GP1 Project Type: GR 1

Located in the SE 1/4 of Section 31, Township 14 NORTH, Range 12 EAST, of the 6th P.M.

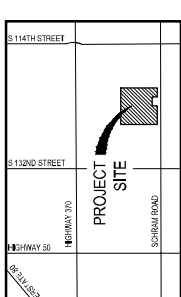
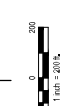
SID NO. TBD
SARPY COUNTY, NEBRASKA

APPROXIMATE QUANTITIES

Table with columns: ITEM, DESCRIPTION, QUANTITY, UNIT. Includes items like COMMON EXCAVATION, STRIPPIING, CONSTRUCTION ENTRANCE, etc.

INDEX OF SHEETS

- 1 COVER
2 STORMWATER POLLUTION PREVENTION PLAN NOTES AND DETAILS
3 DETAILS
4 GRADING PLANS STORMWATER POLLUTION PREVENTION PLAN
5 CONSTRUCTION DETAILS
6 SEEDING BASIN DETAILS
7 SEEDING BASIN DETAILS
8 DRAINAGE AREA MAP & GRID



APPLICANT SWPPP CERTIFICATION form. Includes fields for Applicant Name, Project Name, Project Location, and various certification checkboxes.



17. All excavation shall be inspected and approved by the Engineer... 18. The Contractor shall be responsible for obtaining all necessary permits...



GENERAL NOTES

1. All project activities, materials, tools and equipment shall conform to the City of Omaha...

2. The Contractor shall be responsible for obtaining all necessary permits and licenses...

3. The Contractor shall be responsible for obtaining all necessary permits and licenses...

4. The Contractor shall be responsible for obtaining all necessary permits and licenses...

5. The Contractor shall be responsible for obtaining all necessary permits and licenses...

6. The Contractor shall be responsible for obtaining all necessary permits and licenses...

7. The Contractor shall be responsible for obtaining all necessary permits and licenses...

8. The Contractor shall be responsible for obtaining all necessary permits and licenses...

9. The Contractor shall be responsible for obtaining all necessary permits and licenses...

10. The Contractor shall be responsible for obtaining all necessary permits and licenses...

11. The Contractor shall be responsible for obtaining all necessary permits and licenses...

12. The Contractor shall be responsible for obtaining all necessary permits and licenses...

13. The Contractor shall be responsible for obtaining all necessary permits and licenses...

14. The Contractor shall be responsible for obtaining all necessary permits and licenses...

15. The Contractor shall be responsible for obtaining all necessary permits and licenses...

16. The Contractor shall be responsible for obtaining all necessary permits and licenses...

17. All excavation shall be inspected and approved by the Engineer... 18. The Contractor shall be responsible for obtaining all necessary permits...

19. The Contractor shall be responsible for obtaining all necessary permits and licenses...

20. The Contractor shall be responsible for obtaining all necessary permits and licenses...

21. The Contractor shall be responsible for obtaining all necessary permits and licenses...

22. The Contractor shall be responsible for obtaining all necessary permits and licenses...

23. The Contractor shall be responsible for obtaining all necessary permits and licenses...

24. The Contractor shall be responsible for obtaining all necessary permits and licenses...

25. The Contractor shall be responsible for obtaining all necessary permits and licenses...

26. The Contractor shall be responsible for obtaining all necessary permits and licenses...

27. The Contractor shall be responsible for obtaining all necessary permits and licenses...

28. The Contractor shall be responsible for obtaining all necessary permits and licenses...

29. The Contractor shall be responsible for obtaining all necessary permits and licenses...

30. The Contractor shall be responsible for obtaining all necessary permits and licenses...

31. The Contractor shall be responsible for obtaining all necessary permits and licenses...

32. The Contractor shall be responsible for obtaining all necessary permits and licenses...

33. The Contractor shall be responsible for obtaining all necessary permits and licenses...

34. The Contractor shall be responsible for obtaining all necessary permits and licenses...

35. The Contractor shall be responsible for obtaining all necessary permits and licenses...

36. The Contractor shall be responsible for obtaining all necessary permits and licenses...

37. The Contractor shall be responsible for obtaining all necessary permits and licenses...

38. The Contractor shall be responsible for obtaining all necessary permits and licenses...

39. The Contractor shall be responsible for obtaining all necessary permits and licenses...

40. The Contractor shall be responsible for obtaining all necessary permits and licenses...



Project No.	180830-469-GP1
Client	City of Ashbury Hills
Address	10000 Lakeside Drive, Ashbury Hills, TN 37015
Scale	As Shown
Date	08/11/15
Drawn By	J. Smith
Checked By	J. Smith
Project Name	Ashbury Hills Stormwater Pollution Prevention Plan

GRADING PLAN AND STORMWATER POLLUTION PREVENTION PLAN

ASHBURY HILLS
 LOTS 7 THRU 9 & OUTLOTS 7A THRU 7C INCLUSIVE
 GRADING & STORMWATER POLLUTION PREVENTION PLAN
 E & A CONSULTING GROUP, INC.
 10000 LAKESIDE DRIVE, ASHBURY HILLS, TN 37015
 PHONE: 615-961-1000 FAX: 615-961-1001
 WWW.EACONSULTING.COM



E & A CONSULTING GROUP, INC.
 Engineering • Planning • Environmental & Risk Services

PCWP No. PAP-20180830-469-GP1 PROJECT TYPE: GR 1

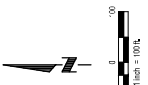


- (30) GRADING & EROSION CONTROL REFERENCE NOTES**
- CONSTRUCT STONE CONSTRUCTION ENTRANCE - See Plans MATCH per DIVISION 301
 - CE 1 - Concrete Storm Construction Entrance
 - CE 2 - Concrete Storm Construction Entrance
 - CE 3 - Concrete Storm Construction Entrance
 - CE 4 - Concrete Storm Construction Entrance
 - CE 5 - Concrete Storm Construction Entrance
 - CE 6 - Concrete Storm Construction Entrance
 - CE 7 - Concrete Storm Construction Entrance
 - CE 8 - Concrete Storm Construction Entrance
 - CE 9 - Concrete Storm Construction Entrance
 - CE 10 - Concrete Storm Construction Entrance
 - CE 11 - Concrete Storm Construction Entrance
 - CE 12 - Concrete Storm Construction Entrance
 - CE 13 - Concrete Storm Construction Entrance
 - CE 14 - Concrete Storm Construction Entrance
 - CE 15 - Concrete Storm Construction Entrance
 - CE 16 - Concrete Storm Construction Entrance
 - CE 17 - Concrete Storm Construction Entrance
 - CE 18 - Concrete Storm Construction Entrance
 - CE 19 - Concrete Storm Construction Entrance
 - CE 20 - Concrete Storm Construction Entrance
 - CE 21 - Concrete Storm Construction Entrance
 - CE 22 - Concrete Storm Construction Entrance
 - CE 23 - Concrete Storm Construction Entrance
 - CE 24 - Concrete Storm Construction Entrance
 - CE 25 - Concrete Storm Construction Entrance
 - CE 26 - Concrete Storm Construction Entrance
 - CE 27 - Concrete Storm Construction Entrance
 - CE 28 - Concrete Storm Construction Entrance
 - CE 29 - Concrete Storm Construction Entrance
 - CE 30 - Concrete Storm Construction Entrance
 - CE 31 - Concrete Storm Construction Entrance
 - CE 32 - Concrete Storm Construction Entrance
 - CE 33 - Concrete Storm Construction Entrance
 - CE 34 - Concrete Storm Construction Entrance
 - CE 35 - Concrete Storm Construction Entrance
 - CE 36 - Concrete Storm Construction Entrance
 - CE 37 - Concrete Storm Construction Entrance
 - CE 38 - Concrete Storm Construction Entrance
 - CE 39 - Concrete Storm Construction Entrance
 - CE 40 - Concrete Storm Construction Entrance
 - CE 41 - Concrete Storm Construction Entrance
 - CE 42 - Concrete Storm Construction Entrance
 - CE 43 - Concrete Storm Construction Entrance
 - CE 44 - Concrete Storm Construction Entrance
 - CE 45 - Concrete Storm Construction Entrance
 - CE 46 - Concrete Storm Construction Entrance
 - CE 47 - Concrete Storm Construction Entrance
 - CE 48 - Concrete Storm Construction Entrance
 - CE 49 - Concrete Storm Construction Entrance
 - CE 50 - Concrete Storm Construction Entrance
 - CE 51 - Concrete Storm Construction Entrance
 - CE 52 - Concrete Storm Construction Entrance
 - CE 53 - Concrete Storm Construction Entrance
 - CE 54 - Concrete Storm Construction Entrance
 - CE 55 - Concrete Storm Construction Entrance
 - CE 56 - Concrete Storm Construction Entrance
 - CE 57 - Concrete Storm Construction Entrance
 - CE 58 - Concrete Storm Construction Entrance
 - CE 59 - Concrete Storm Construction Entrance
 - CE 60 - Concrete Storm Construction Entrance
 - CE 61 - Concrete Storm Construction Entrance
 - CE 62 - Concrete Storm Construction Entrance
 - CE 63 - Concrete Storm Construction Entrance
 - CE 64 - Concrete Storm Construction Entrance
 - CE 65 - Concrete Storm Construction Entrance
 - CE 66 - Concrete Storm Construction Entrance
 - CE 67 - Concrete Storm Construction Entrance
 - CE 68 - Concrete Storm Construction Entrance
 - CE 69 - Concrete Storm Construction Entrance
 - CE 70 - Concrete Storm Construction Entrance
 - CE 71 - Concrete Storm Construction Entrance
 - CE 72 - Concrete Storm Construction Entrance
 - CE 73 - Concrete Storm Construction Entrance
 - CE 74 - Concrete Storm Construction Entrance
 - CE 75 - Concrete Storm Construction Entrance
 - CE 76 - Concrete Storm Construction Entrance
 - CE 77 - Concrete Storm Construction Entrance
 - CE 78 - Concrete Storm Construction Entrance
 - CE 79 - Concrete Storm Construction Entrance
 - CE 80 - Concrete Storm Construction Entrance
 - CE 81 - Concrete Storm Construction Entrance
 - CE 82 - Concrete Storm Construction Entrance
 - CE 83 - Concrete Storm Construction Entrance
 - CE 84 - Concrete Storm Construction Entrance
 - CE 85 - Concrete Storm Construction Entrance
 - CE 86 - Concrete Storm Construction Entrance
 - CE 87 - Concrete Storm Construction Entrance
 - CE 88 - Concrete Storm Construction Entrance
 - CE 89 - Concrete Storm Construction Entrance
 - CE 90 - Concrete Storm Construction Entrance
 - CE 91 - Concrete Storm Construction Entrance
 - CE 92 - Concrete Storm Construction Entrance
 - CE 93 - Concrete Storm Construction Entrance
 - CE 94 - Concrete Storm Construction Entrance
 - CE 95 - Concrete Storm Construction Entrance
 - CE 96 - Concrete Storm Construction Entrance
 - CE 97 - Concrete Storm Construction Entrance
 - CE 98 - Concrete Storm Construction Entrance
 - CE 99 - Concrete Storm Construction Entrance
 - CE 100 - Concrete Storm Construction Entrance

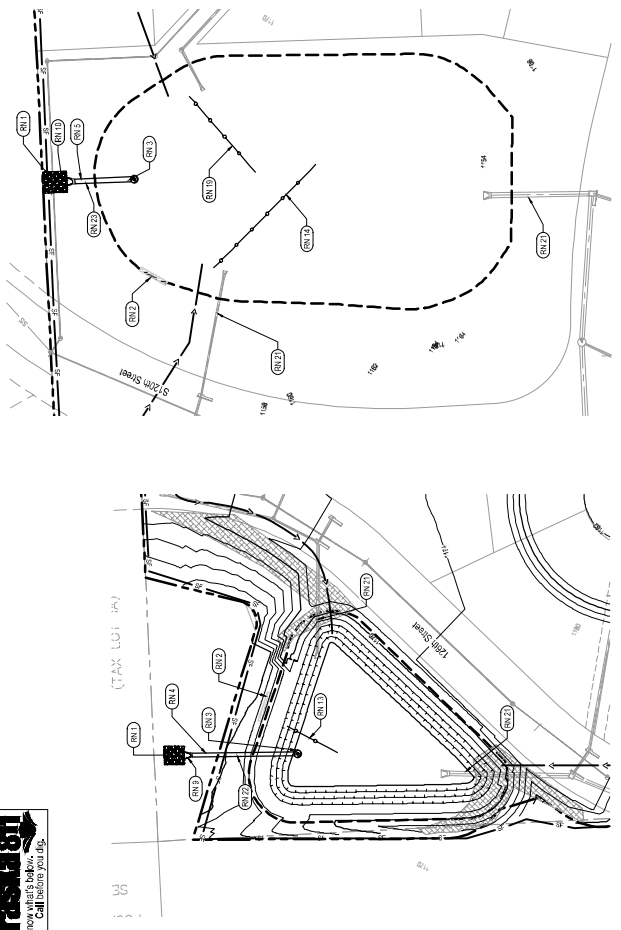
LEGEND

- Power Pole
- Gas Main
- Light Pole
- Fire Hydrant
- Utility Valve (W/S)
- Manhole
- Face Line
- Gas Line
- Water Line
- Power Line (Overhead)
- Drainage Basin
- Silt Fence
- Existing Contact
- Proposed Contact
- Sediment Basin Turnover
- Limits of Construction
- Erosion Control Terrace
- Fill Area
- Erosion Control Matting





1. E&A CONSULTING GROUP, INC. (L.S. 05/15/18)
 2. DATE OF ISSUE
 3. DRAWN BY
 4. CHECKED BY
 5. APPROVED BY
 6. PROJECT NO.
 7. PROJECT TYPE

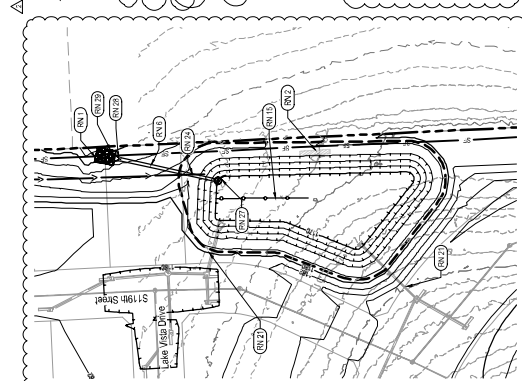


SEDIMENT BASIN A
 1" = 50'

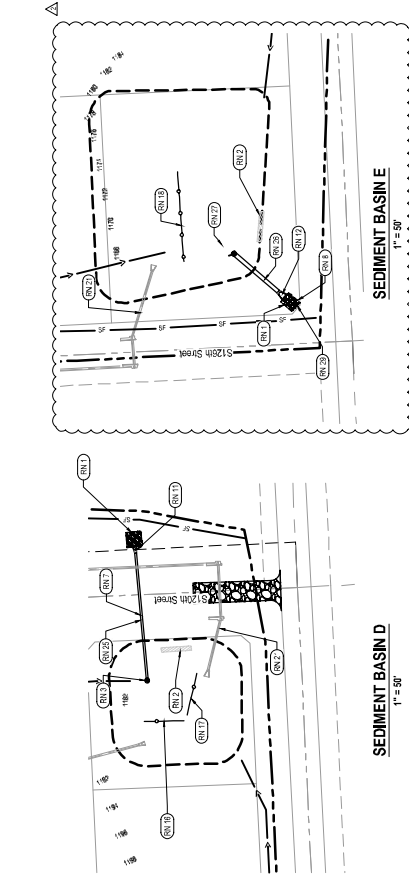
SEDIMENT BASIN B
 1" = 50'

SEDIMENT BASIN C
 1" = 50'

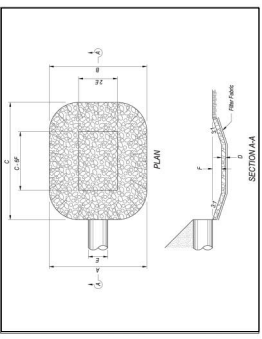
SEDIMENT BASIN D
 1" = 50'



SEDIMENT BASIN C
 1" = 50'



SEDIMENT BASIN B
 1" = 50'

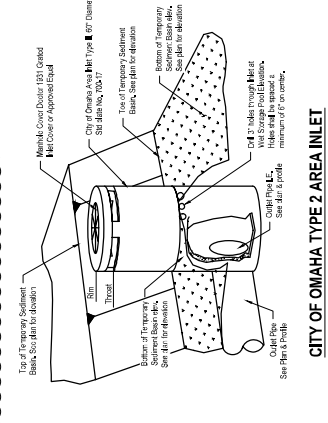
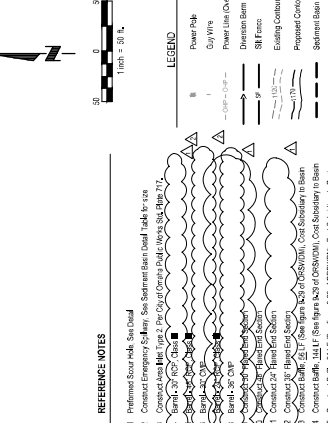


SEDIMENT BASIN D
 1" = 50'

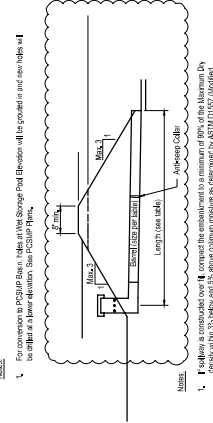


CITY OF OMAHA TYPE 2 AREA INLET
 WITHOUT ORIFICE PLATE - DIAMETER VARIES
 NOT TO SCALE

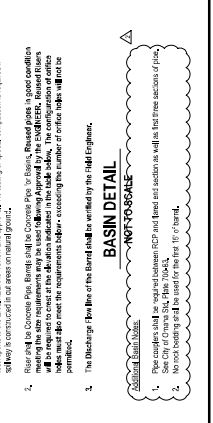
- REFERENCE NOTES**
- RN1 Retained Scour Hole, See Detail
 - RN2 Connect Emergency Storm Sewer Sediment Basin Detail Table 1 to 2
 - RN3 City of Omaha Type 2 Area Inlet, See Detail
 - RN4 City of Omaha Type 2 Area Inlet, See Detail
 - RN5 City of Omaha Type 2 Area Inlet, See Detail
 - RN6 City of Omaha Type 2 Area Inlet, See Detail
 - RN7 City of Omaha Type 2 Area Inlet, See Detail
 - RN8 City of Omaha Type 2 Area Inlet, See Detail
 - RN9 City of Omaha Type 2 Area Inlet, See Detail
 - RN10 City of Omaha Type 2 Area Inlet, See Detail
 - RN11 Connect to Existing Storm Sewer
 - RN12 Connect to Existing Storm Sewer
 - RN13 Connect to Existing Storm Sewer
 - RN14 Connect to Existing Storm Sewer
 - RN15 Connect to Existing Storm Sewer
 - RN16 Connect to Existing Storm Sewer
 - RN17 Connect to Existing Storm Sewer
 - RN18 Connect to Existing Storm Sewer
 - RN19 Connect to Existing Storm Sewer
 - RN20 Connect to Existing Storm Sewer
 - RN21 Connect to Existing Storm Sewer
 - RN22 Connect to Existing Storm Sewer
 - RN23 Connect to Existing Storm Sewer
 - RN24 Connect to Existing Storm Sewer
 - RN25 Connect to Existing Storm Sewer
 - RN26 Connect to Existing Storm Sewer
 - RN27 Connect to Existing Storm Sewer
 - RN28 Connect to Existing Storm Sewer
 - RN29 Connect to Existing Storm Sewer
 - RN30 Connect to Existing Storm Sewer



SEDIMENT BASIN
 DETAILS



SEDIMENT BASIN
 DETAILS



SEDIMENT BASIN
 DETAILS

SCOUR HOLE TABLE

Basin	AS	B	C	D	E	F	RRPAP TYPE	QUANTITY (LIN)	QUANTITY (CY)
A	21	24	1.5	3.8	2.4	A	49	78	
B	23	24	2.4	4.0	2.4	B	68	88	
C	15	7	1.5	1.5	1.5	A	25	47	
D	12	15	1.5	1.5	1.5	A	18	33	
E	12	15	1.5	1.5	1.5	A	18	33	

PERFORMED SCOUR HOLE DETAIL

NOT TO SCALE
 (NOCC DRAINAGE AND EROSION CONTROL MANUAL, PG. 2-64)
 (Public Cost Subsidiary to Top-Top Pay Item)

Basin	AS	B	C	D	E	F	RRPAP TYPE	QUANTITY (LIN)	QUANTITY (CY)
A	21	24	1.5	3.8	2.4	A	49	78	
B	23	24	2.4	4.0	2.4	B	68	88	
C	15	7	1.5	1.5	1.5	A	25	47	
D	12	15	1.5	1.5	1.5	A	18	33	
E	12	15	1.5	1.5	1.5	A	18	33	

SCOUR HOLE TABLE

Basin	AS	B	C	D	E	F	RRPAP TYPE	QUANTITY (LIN)	QUANTITY (CY)
A	21	24	1.5	3.8	2.4	A	49	78	
B	23	24	2.4	4.0	2.4	B	68	88	
C	15	7	1.5	1.5	1.5	A	25	47	
D	12	15	1.5	1.5	1.5	A	18	33	
E	12	15	1.5	1.5	1.5	A	18	33	

PERFORMED SCOUR HOLE DETAIL

NOT TO SCALE
 (NOCC DRAINAGE AND EROSION CONTROL MANUAL, PG. 2-64)
 (Public Cost Subsidiary to Top-Top Pay Item)

Basin	AS	B	C	D	E	F	RRPAP TYPE	QUANTITY (LIN)	QUANTITY (CY)
A	21	24	1.5	3.8	2.4	A	49	78	
B	23	24	2.4	4.0	2.4	B	68	88	
C	15	7	1.5	1.5	1.5	A	25	47	
D	12	15	1.5	1.5	1.5	A	18	33	
E	12	15	1.5	1.5	1.5	A	18	33	



GR1
DRAINAGE AREA MAP &

ASHLEY HILLS
LOTS 1 THRU 8 & OUTLOTS "A" THRU "I" INCLUSIVE
GRADING & STORMWATER POLLUTION PREVENTION PLAN
SARBY COUNTY, NEBRASKA



E & A CONSULTING GROUP, INC.
Engineering • Planning • Environmental & Risk Services
1834 North 42nd Street, Suite 100, Omaha, NE 68131
Phone: (402) 426-9000 Fax: (402) 426-9001
www.eandagroup.com



LEGEND

Power Pole	Power Pole
Gas Valve	Gas Valve
Oil Drains Sign	Oil Drains Sign
Power Box (Overhead)	Power Box (Overhead)
Storm Drain	Storm Drain
Storm Drain	Storm Drain
Section Control Tank	Section Control Tank
Section Basin	Section Basin
Drainage Area Boundary	Drainage Area Boundary
Drainage Basin Label	Drainage Basin Label
Flow Storm Sewer	Flow Storm Sewer
Rain Catching Sewer	Rain Catching Sewer

