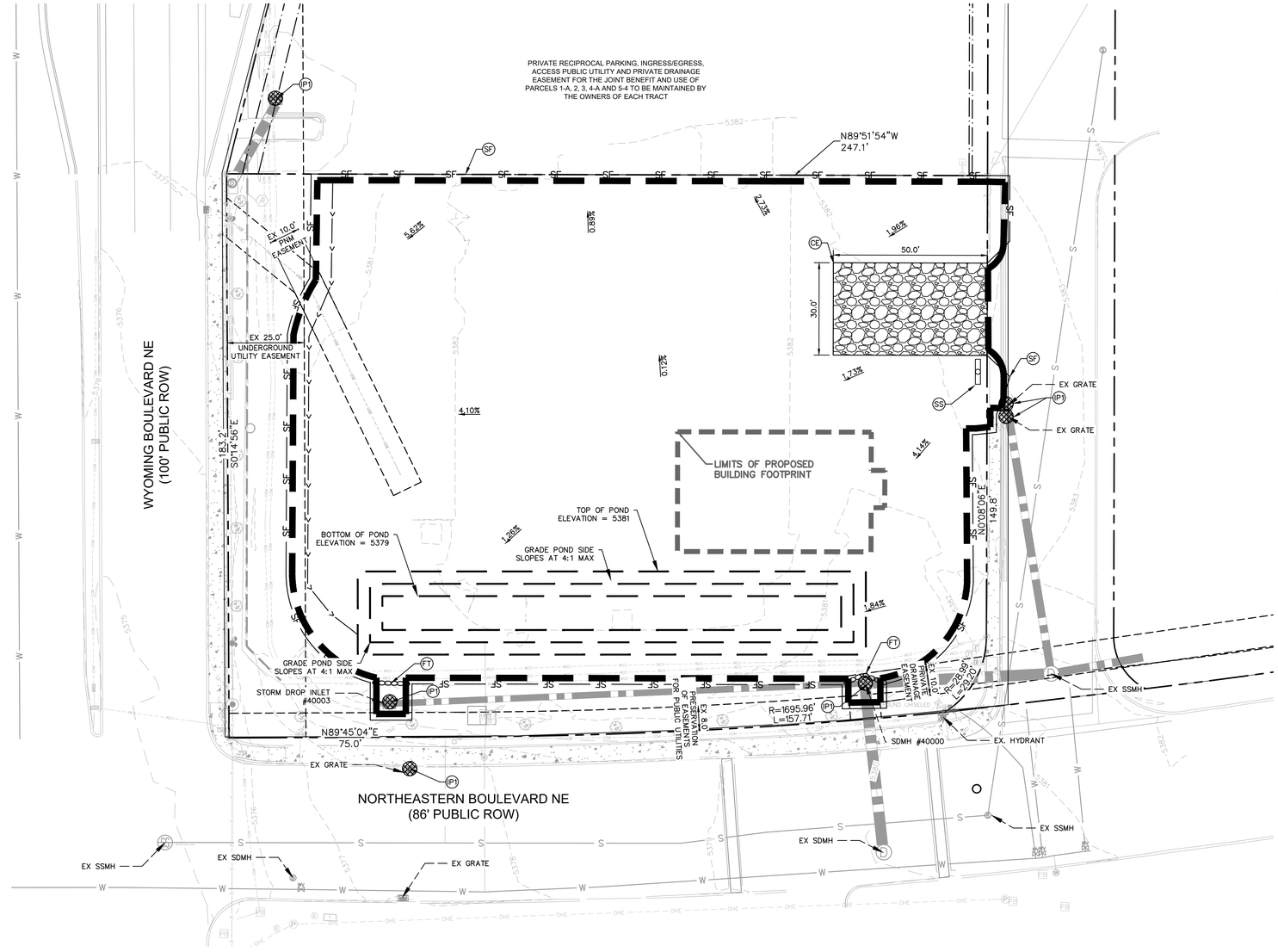

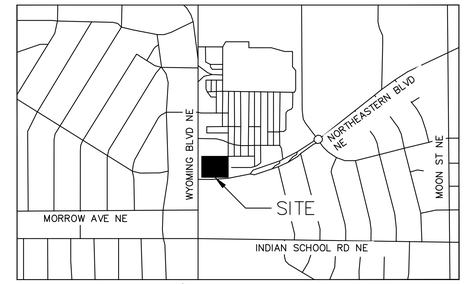

VICINITY MAP N.T.S

LEGEND

- PROPERTY LINE
- 5065 EXISTING CONTOUR
- PROPOSED LIMITS OF DISTURBANCE
- SF SILT FENCE, TYPE I - SEE DETAIL SHEET.
- FT FILTREXX SILT SOXX OR EQUAL
- PROPOSED SWALE
- 1.00% PROPOSED FLOW ARROW WITH SLOPE
- CE CONSTRUCTION EXIT/ OFF-SITE TRACKING PREVENTION
- SP TEMPORARY SEDIMENTATION POND
- SS SWPPP SIGN
- IP1 PROPOSED GRATE INLET PROTECTION. SEE DETAIL SHEET.

SITE DATA

LOT AREA	1.02± AC
TOTAL ONSITE DISTURBED AREA	0.82± AC
TOTAL OFFSITE DISTURBED AREA	0.045± AC
TOTAL DISTURBED AREA	0.87± AC

TEMPORARY SEDIMENTATION POND SIZING CALCULATIONS

Q_V(RUNOFF VOLUME FROM WATERSHED)= (Q*A)/12
Q (DIRECT RUNOFF) = 1.09 INCHES
A (DRAINAGE AREA) = 1.02 ACRES
Q_V (REQUIRED) = 6,188 CF
POND VOLUME = 6,270 CF

EROSION CONTROL SCHEDULE AND PHASING

THE PROJECT SHALL GENERALLY CONFORM TO THE FOLLOWING PHASING SCHEDULE. REFERENCE THE SWPPP BOOK AND NMED GENERAL PERMIT FOR DETAILED REQUIREMENTS.

PHASE 1 - DEMOLITION
A. INSTALL PERIMETER BMPs INCLUDING THE CONSTRUCTION ENTRANCE/EXIT, SWPPP SIGNAGE, SILT FENCE, AND ALL OTHER NECESSARY BMPs ACCORDING TO THE LOCATION SHOWN ON THE EROSION CONTROL PLAN. CLEAR ONLY THE MINIMUM AREA REQUIRED TO INSTALL BMPs.
B. SET THE PROJECT OFFICE TRAILER AND PREPARE TEMPORARY PARKING AND STORAGE AREAS.
C. DENOTE DATES OF BMP INSTALLATION AND MAINTENANCE ON SITE-MAPS.
D. BEGIN DEMOLITION AND CLEARING OF THE SITE.
E. STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WHENEVER CLEARING, GRADING, OR EARTH DISTURBING ACTIVITIES HAVE CEASED ON ANY PORTION OF THE SITE, OR TEMPORARILY CEASED AND WILL NOT RESUME WITHIN 14 DAYS PER GENERAL PERMIT REQUIREMENTS.

PHASE 2 - GRADING
A. ENSURE APPROPRIATE BMPs ARE IN PLACE DOWNSTREAM OF SITE WORK OR WHERE RUNOFF MAY EXIT THE SITE.
B. BEGIN GRADING THE SITE.
C. SEED AND RE-VEGETATE SLOPES AS AREAS ARE BROUGHT TO GRADE OR STOCKPILES THAT WILL REMAIN INACTIVE FOR 14 DAYS PER GENERAL PERMIT REQUIREMENTS.

PHASE 3 - UTILITIES
D. KEEP ALL STORM WATER POLLUTION PREVENTION MEASURES IN PLACE.
E. INSTALL UTILITIES, STORM DRAINS, CURB AND GUTTERS.
F. INSTALL INLET PROTECTION AS SPECIFIED ON PLAN SHEETS AS STORM STRUCTURES ARE INSTALLED.
G. TEMPORARILY STABILIZE, THROUGHOUT CONSTRUCTION, ANY DISTURBED AREAS THAT ARE LIKELY TO REMAIN INACTIVE FOR 14 DAYS.

PHASE 4 - PAVING
H. KEEP ALL STORM WATER POLLUTION PREVENTION MEASURES IN PLACE.
I. STABILIZE SUBGRADE.
J. PAVE PARKING LOT AND SIDEWALKS AS SPECIFIED ON PLAN SHEETS.

PHASE 5 - LANDSCAPING AND DEVELOPMENT
K. INSTALL LANDSCAPING PER THE LANDSCAPE PLANS AND DETAILS.
L. REMOVE EROSION CONTROL DEVICES WHEN FINAL STABILIZATION IS ACHIEVED PER THE NMED GENERAL PERMIT.
M. STABILIZE ANY AREAS DISTURBED BY REMOVAL OF BMPs.

NOTE: THE SEQUENCE OF CONSTRUCTION SHOWN ABOVE IS A GENERAL OVERVIEW AND IS INTENDED TO CONVEY THE GENERAL CONCEPTS OF THE EROSION CONTROL DESIGN AND SHOULD NOT BE RELIED UPON FOR CONSTRUCTION PURPOSES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETAILED PHASING AND CONSTRUCTION SEQUENCING NECESSARY TO CONSTRUCT THE PROPOSED IMPROVEMENTS INCLUDED IN THESE PLANS. THE CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING IMMEDIATELY, PRIOR TO AND/OR DURING CONSTRUCTION IF ANY ADDITIONAL INFORMATION ON THE CONSTRUCTION SEQUENCE IS NECESSARY. CONTRACTOR IS SOLELY RESPONSIBLE FOR COMPLYING WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION AND ALL OTHER APPLICABLE LAWS.

NORTH

GRAPHIC SCALE IN FEET
0 10 20 40

SITE BENCHMARKS

BENCHMARK #1"
A.G.R.S. MONUMENT "13_H21"
NORTHING: 1,496,268.794
EASTING: 1,555,770.607
ELEVATION: 5499.574 (NAVD 1988)
GROUND TO GRID FACTOR: 0.999649002
DELTA ALPHA ANGLE: -0°09'46.08"

BENCHMARK #2"
A.G.R.S MONUMENT "14_H20"
NORTHING: 1,495,141.626
EASTING: 1,551,771.675
ELEVATION: 5415.798 (NAVD 1988)
GROUND TO GRID FACTOR: 0.999653810
DELTA ALPHA ANGLE: -0°10'13.69"

*SEE DIMENSION CONTROL PLAN, SHEET C4.1, FOR LOCATIONS

EROSION CONTROL NOTES

1. CONTRACTOR IS SOLELY RESPONSIBLE FOR SELECTION, IMPLEMENTATION, MAINTENANCE, AND EFFECTIVENESS OF ALL SWPPP CONTROLS - CONTROLS SHOWN ON THIS SITE MAP ARE SUGGESTED CONTROLS ONLY.
2. CONTRACTOR SHALL RECORD INSTALLATION, MAINTENANCE OR MODIFICATION, AND REMOVAL DATES FOR EACH BMP EMPLOYED (WHETHER CALLED OUT ON ORIGINAL SWPPP OR NOT) DIRECTLY ON THE SITE MAP.
3. DRAINAGE PATTERNS ARE SHOWN ON THIS PLAN BY PROPOSED AND EXISTING CONTOURS.
4. TEMPORARY AND PERMANENT STABILIZATION PRACTICES AND BMP'S SHALL BE INSTALLED AT THE EARLIEST POSSIBLE TIME DURING THE CONSTRUCTION SEQUENCE. AS AN EXAMPLE, PERIMETER SILT FENCE SHALL BE INSTALLED BEFORE COMMENCEMENT OF ANY GRADING ACTIVITIES. OTHER BMP'S SHALL BE INSTALLED AS SOON AS PRACTICABLE AND SHALL BE MAINTAINED UNTIL FINAL SITE STABILIZATION IS ATTAINED. SEE PHASING SCHEDULE THIS SHEET.
5. BMP'S HAVE BEEN LOCATED AS INDICATED ON THIS PLAN IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES IN ORDER TO MINIMIZE SEDIMENT TRANSFER. FOR EXAMPLE: SILT FENCES LOCATED AT TOE OF SLOPE AND INLET PROTECTION FOR INLETS RECEIVING SEDIMENT FROM SITE RUN-OFF.
6. CONSTRUCTION ENTRANCE/EXIT SHALL BE LOCATED SO AS TO PROVIDE THE LEAST AMOUNT OF DISTURBANCE TO THE FLOW OF TRAFFIC IN AND OUT OF THE SITE, ADDITIONALLY, THE CONSTRUCTION ENTRANCE SHALL BE LOCATED TO COINCIDE WITH THE PHASING OF THE PARKING LOT CONSTRUCTION.
7. CONTRACTOR SHALL PROVIDE INLET PROTECTION FOR ANY AFFECTED INLETS DOWNSTREAM OF THE PROPOSED IMPROVEMENTS, IF NEEDED.
8. CONTRACTOR IS RESPONSIBLE FOR MODIFYING THE SWPPP/SITE MAP TO INCLUDE BMP'S FOR ANY OFF-SITE MATERIAL WASTE, BORROW OR EQUIPMENT STORAGE AREAS.
9. CONTRACTOR IS RESPONSIBLE FOR SUBMITTAL OF NOI, NOT, POSTING OF SITE NOTICES, AND ANY ADDITIONAL INFORMATION OR SUBMITTALS REQUIRED BY NMED, EPA, OR LOCAL JURISDICTION.
10. COORDINATE EXISTING TREES TO REMAIN WITH LANDSCAPE PLANS. ALL EXISTING TREES TO REMAIN ARE TO RECEIVE TREE PROTECTION AROUND THE CRITICAL ROOT ZONE IN ORDER TO PREVENT DAMAGE DURING CONSTRUCTION. TREE PROTECTION SHOULD BE INSTALLED PRIOR TO ANY DEMOLITION OR EARTH DISTURBING ACTIVITIES.
11. THE SEQUENCE OF CONSTRUCTION SHOWN TO THE RIGHT IS A GENERAL OVERVIEW AND IS INTENDED TO CONVEY THE GENERAL CONCEPTS OF THE EROSION CONTROL DESIGN AND SHOULD NOT BE RELIED UPON FOR CONSTRUCTION PURPOSES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETAILED PHASING AND CONSTRUCTION SEQUENCING NECESSARY TO CONSTRUCT THE PROPOSED IMPROVEMENTS INCLUDED IN THESE PLANS. THE CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING IMMEDIATELY, PRIOR TO AND/OR DURING CONSTRUCTION IF ANY ADDITIONAL INFORMATION ON THE CONSTRUCTION SEQUENCE IS NECESSARY. CONTRACTOR IS SOLELY RESPONSIBLE FOR COMPLYING WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION AND ALL OTHER APPLICABLE LAWS.

CITY OF ALBUQUERQUE EROSION CONTROL NOTES

1. ALL EROSION AND SEDIMENT CONTROL (ESC) WORK ON THESE PLANS, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON SHALL BE PERMITTED, CONSTRUCTED, INSPECTED, AND MAINTAINED IN ACCORDNACE WITH:
   A. THE CITY ORDINANCE § 14-5-2-11, THE ESC ORDINANCE,
   B. THE EPA'S 2017 CONSTRUCTION GENERAL PERMIT (CGP) AND
   C. THE CITY OF ALBUQUERQUE CONSTRUCTION BMP MANUAL
2. ALL BMP'S MUST BE INSTALLED PRIOR TO BEGINNING ANY EARTH MOVING ACTIVITIES EXCEPT AS SPECIFIED HEREON IN THE PHASING PLAN. CONSTRUCTION OF EARTHEN BMP'S SUCH AS SEDIMENT TRAPS, SEDIMENT BASINS, AND DIVERSION BERMS SHALL BE COMPLETED AND INSPECTED PRIOR TO ANY OTHER CONSTRUCTION OR EARTHWORK. SELF-INSPECTION IS REQUIRED AFTER INSTALLATION OF THE BMP'S AND PRIOR TO BEGINNING CONSTRUCTION.
3. SELF-INSPECTIONS - AT A MINIMUM A ROUTINE COMPLIANCE SELF-INSPECTION IS REQUIRED TO REVIEW THE PROJECT FOR COMPLIANCE WITH THE CONSTRUCTION GENERAL PERMIT ONCE EVERY 14 DAYS AND AFTER ANY PRECIPITATION EVENT OF 1/4 INCH OR GREATER UNTIL THE SITE CONSTRUCTION HAS BEEN COMPLETED AND THE SITE DETERMINED AS STABILIZED BY THE CITY. REPORTS OF THESE INSPECTIONS SHALL BE KEPT BY THE PERSON OR ENTITY AUTHORIZED TO DIRECT THE CONSTRUCTION ACTIVITIES ON THE SITE AND MADE AVAILABLE UPON REQUEST.
4. CORRECTIVE ACTION REPORTS MUST BE KEPT BY THE PERSON OR ENTITY AUTHORIZED TO DIRECT THE CONSTRUCTION ACTIVITIES ON THE SITE AND MADE AVAILABLE UPON REQUEST.
5. STABILIZATION REPORTS MUST BE KEPT BY THE PERSON OR ENTITY AUTHORIZED TO DIRECT THE CONSTRUCTION ACTIVITIES ON THE SITE AND MADE AVAILABLE UPON REQUEST. REPORTS SHOULD INCLUDE RECORDS OF WEED REMOVAL PER CITY ORDINANCE (§ 9-8-1), STERILIZATION, SOIL TEST RESULTS AND RECOMMENDATION, MATERIALS AND MANUFACTURER'S SPECIFICATIONS FOR APPLICATION RATES, ESTIMATED FUNCTIONAL LONGEVITY, METHODS OF APPLICATION, INSPECTION AND MAINTENANCE. THE REDUCED SELF-INSPECTION SCHEDULE IN CGP 4.4.1 APPLIES TO STABILIZED AREA AND ANY DAMAGED OR WORN STABILIZATION MUST BE IDENTIFIED IN THE REPORTS ALONG WITH WEED PROBLEMS. CORRECTIVE ACTIONS FOR STABILIZATION SHALL BE DOCUMENTED IN A STABILIZATION REPORT INCLUDING ACTUAL RATES AND DATES OF STABILIZATION, AND THE MATERIALS AND MANUFACTURER'S SPECIFICATIONS USED.
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Know what's below. Call before you dig. nm811

CAUTION!!
CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

No.	REVISIONS	DATE	BY

Kimley»Horn
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1201 3RD AVE, SUITE 2500, SEATTLE, WA 98101
PHONE: (206) 299-1900
WWW.KIMLEY-HORN.COM

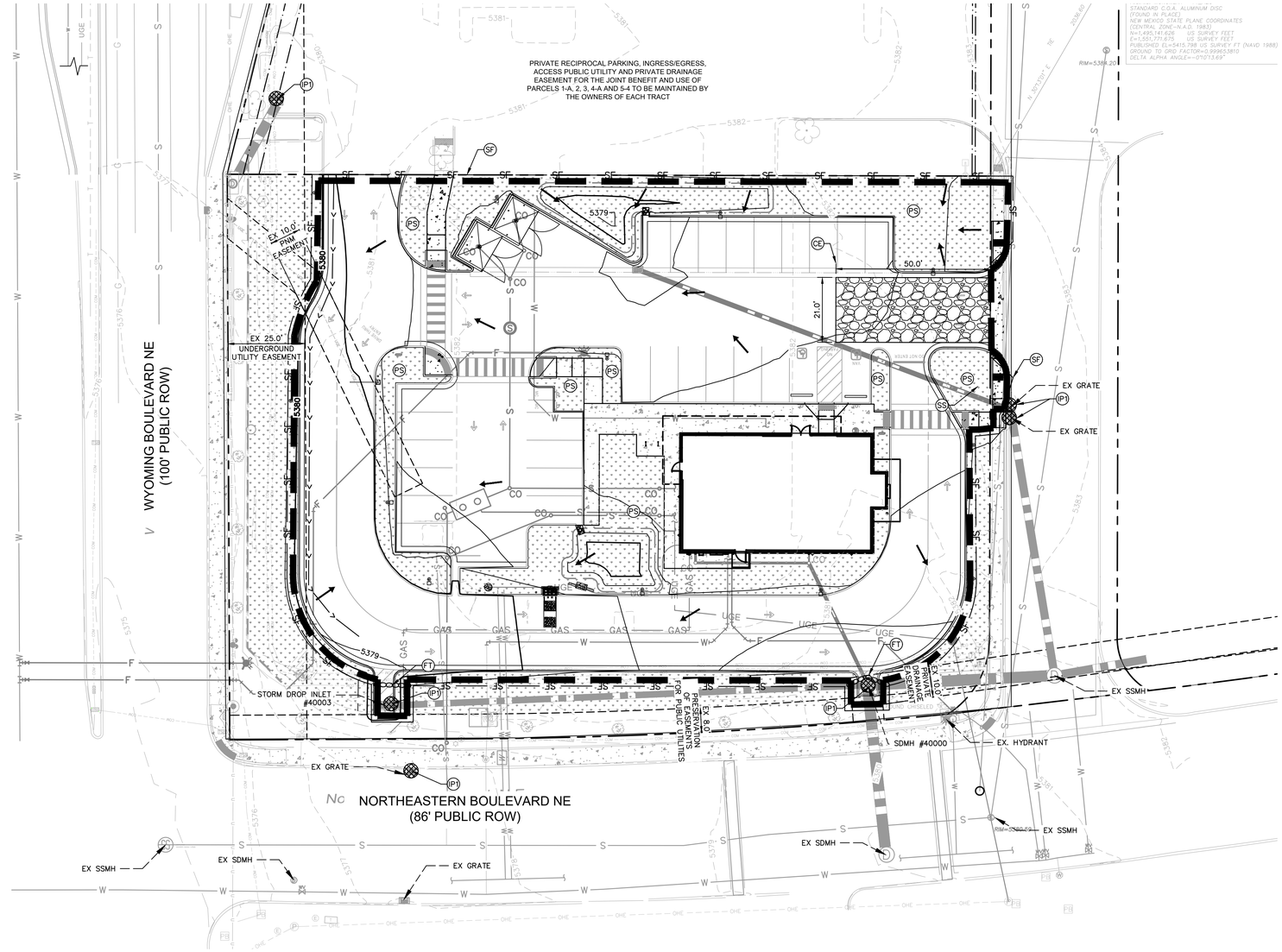
ELIZABETH ANNE WILLMOT
NEW MEXICO
28862
PROFESSIONAL ENGINEER
10/31/2023

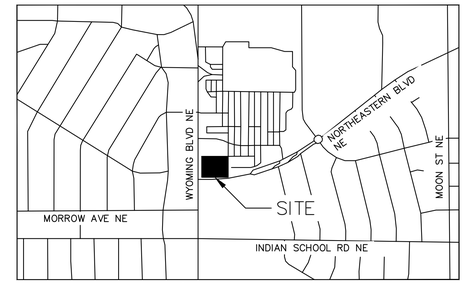
KHA PROJECT	090100000
DATE	10/31/2023
SCALE	AS SHOWN
DESIGNED BY	NW/SP
DRAWN BY	NW/SP
CHECKED BY	LW

EROSION CONTROL PLAN PHASE I

STARBUCKS COFFEE COMPANY
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

SHEET NUMBER
C3.0





VICINITY MAP N.T.S

LEGEND

- PROPERTY LINE
- 5085 EXISTING CONTOUR
- 5066 PROPOSED CONTOUR
- DIRECTION OF OVERLAND FLOW
- PROPOSED LIMITS OF DISTURBANCE
- SF SILT FENCE, TYPE I - SEE DETAIL SHEET.
- FT FILTREXX SILT SOXX OR EQUAL
- CE CONSTRUCTION EXIT/ OFF-SITE TRACKING PREVENTION
- PS PERMANENT STABILIZATION REFER TO LANDSCAPE PLANS
- PROPOSED CONCRETE SIDEWALK
- IP1 PROPOSED GRATE INLET PROTECTION. SEE DETAIL SHEET.

SITE DATA

LOT AREA	1.02± AC
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SITE BENCHMARKS

BENCHMARK #1
A.G.R.S. MONUMENT "13_H21"
NORTHING: 1,496,268.794
EASTING: 1,555,770.607
ELEVATION: 5499.574 (NAVD 1988)
GROUND TO GRID FACTOR: 0.999649002
DELTA ALPHA ANGLE: -0°09'46.08"

BENCHMARK #2
A.G.R.S MONUMENT "14_H20"
NORTHING: 1,495,141.626
EASTING: 1,551,771.675
ELEVATION: 5415.798 (NAVD 1988)
GROUND TO GRID FACTOR: 0.999653810
DELTA ALPHA ANGLE: -0°10'13.69"

*SEE DIMENSION CONTROL PLAN, SHEET C4.1, FOR LOCATIONS

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No.	REVISIONS	DATE	BY

Kimley»Horn
© 2023 KIMLEY-HORN AND ASSOCIATES, INC.
1201 3RD AVE SUITE 2500, SEATTLE, WA 98101
PHONE: (206) 214-1500
WWW.KIMLEY-HORN.COM

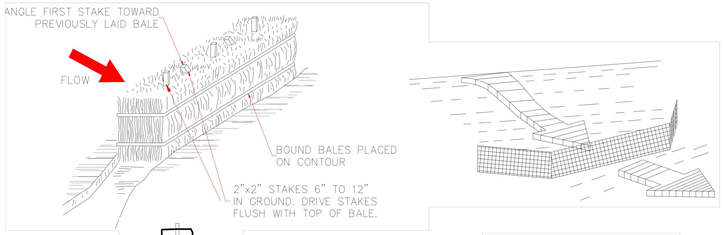
ELIZABETH ANNE WILLMOT NEW MEXICO 28862 REGISTERED PROFESSIONAL ENGINEER
10/31/2023

KHA PROJECT 090100000
DATE 10/31/2023
SCALE AS SHOWN
DESIGNED BY NW/SP
DRAWN BY NW/SP
CHECKED BY LW

EROSION CONTROL PLAN PHASE II

STARBUCKS COFFEE COMPANY
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

SHEET NUMBER
C3.1



TYPE II
STRAW BALE OPTION

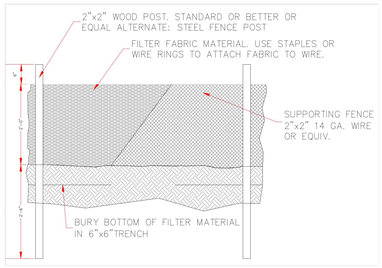
TYPE I
SILT FENCE OPTION

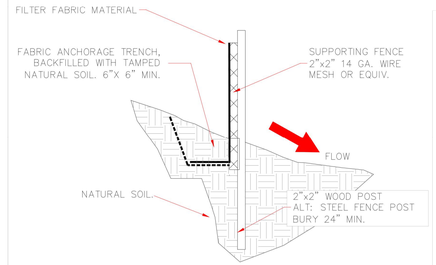
NOTES: SILT FENCE

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE POST SPACING FOR SILT FENCES TO MINIMIZE MAINTENANCE.

1. POST SPACING SHALL BE 4 FT. MAXIMUM WITHOUT SUPPORTING FENCE, 10 FT. MAXIMUM WITH SUPPORTING FENCE.
2. POSTS FOR 4 FT. MAXIMUM POST SPACING SHALL BE 2 INCH SQUARE NOMINAL SIZE OR HEAVIER WOOD POSTS, OR STANDARD "T" OR "U" SECTION STEEL POSTS WEIGHING NOT LESS THAN 1 LB. PER LINEAR FOOT.

   POSTS FOR 10 FT. MAXIMUM POST SPACING SHALL BE 4 INCH SQUARE NOMINAL SIZE OR HEAVIER WOOD POSTS, OR STEEL POSTS AS SPECIFIED ABOVE.
3. SUPPORTING FENCE SHALL BE WIRE MESH (14 GA. MIN., 1 INCH MAX. MESH OPENINGS), SNOW FENCE, PLASTIC FENCE, OR APPROVED EQUAL.
4. SUPPORTING FENCE SHALL BE FASTENED SECURELY TO POSTS WITH STAPLES OR WIRE TIES. FILTER FABRIC SHALL BE FASTENED SECURELY TO SUPPORTING FENCE WITH WIRE TIES SPACED AT 2 FT. CENTERS ALONG THE TOP AND MID-SECTION. WHEN A SUPPORTING FENCE IS NOT USED, FILTER FABRIC SHALL BE SECURELY FASTENED TO POSTS WITH STAPLES OR WIRE TIES.
5. WHEN SILT FENCE IS USED FOR CHECK DAMS INSTALLED IN DITCHES, A SUPPORTING FENCE SHALL BE PROVIDED, WITH MAXIMUM POST SPACING OF 10 FT.
6. STANDARD "T" OR "U" SECTION STEEL POSTS SHALL NOT BE USED WITHIN THE CONSTRUCTION CLEAR ZONE RECOVERY AREA.





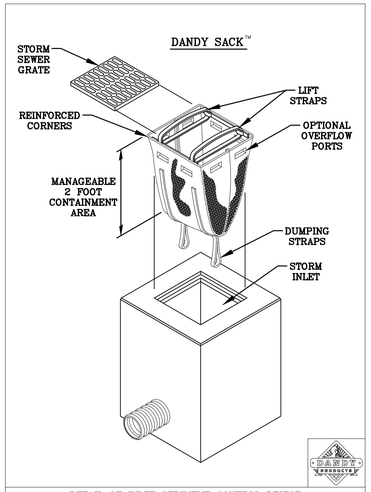
SILT FENCE

IDENT. NO.	DESCRIPTION / REVISION (OR CHANGE NOTICE)	DATE	BY
3			
2			
1			

NEW MEXICO STATE HIGHWAY AND TRANSPORTATION DEPARTMENT

SILT FENCE

SHEET NO. 3 OF 7



DETAIL OF INLET SEDIMENT CONTROL DEVICE

PROJECT:		DR. BY:
CITY/STATE:	DATE:	DR. NO:

DANDY SACK™
SPECIFICATIONS

NOTE: THE DANDY SACK™ WILL BE **MANUFACTURED IN THE U.S.A.** FROM A WOVEN MONOFILAMENT FABRIC THAT MEETS OR EXCEEDS THE FOLLOWING SPECIFICATIONS:

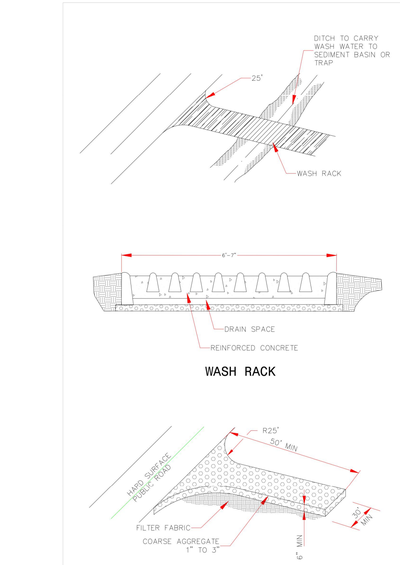
REGULAR FLOW DANDY SACK™ (BLACK)

Mechanical Properties	Test Method	Units	MARV
Grab Tensile Strength	ASTM D 4632	kN (lbs)	1.78 (400) x 1.40 (315)
Grab Tensile Elongation	ASTM D 4632	%	15 x 15
Puncture Strength	ASTM D 4833	kN (lbs)	0.67 (150)
Mullen Burst Strength	ASTM D 3786	kPa (psi)	5506 (800)
Trapezoid Tear Strength	ASTM D 4533	kN (lbs)	0.67 (150) x 0.73 (165)
UV Resistance	ASTM D 4355	%	90
Apparent Opening Size	ASTM D 4751	Mm. (US Std Sieve)	0.425 (40)
Flow Rate	ASTM D 4491	l/min/m²(gal/min/ft²)	2852 (70)
Permittivity	ASTM D 4491	Sec⁻¹	0.90

HI-FLOW DANDY SACK™ (SAFETY ORANGE)

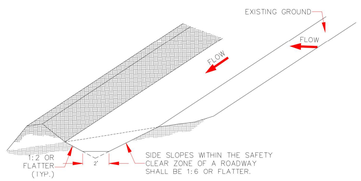
Mechanical Properties	Test Method	Units	MARV
Grab Tensile Strength	ASTM D 4632	kN (lbs)	1.62 (365) X 0.89 (200)
Grab Tensile Elongation	ASTM D 4632	%	24 X 10
Puncture Strength	ASTM D 4833	kN (lbs)	0.40 (90)
Mullen Burst Strength	ASTM D 3786	kPa (psi)	3097 (450)
Trapezoid Tear Strength	ASTM D 4533	kN (lbs)	0.51 (115) X 0.33 (75)
UV Resistance	ASTM D 4355	%	90
Apparent Opening Size	ASTM D 4751	Mm. (US Std Sieve)	0.425 (40)
Flow Rate	ASTM D 4491	l/min/m²(gal/min/ft²)	5907 (145)
Permittivity	ASTM D 4491	Sec⁻¹	2.1

*Note: All Dandy Sacks™ can be ordered with our optional oil absorbent pillows

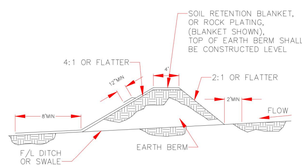


WASH RACK

OFFSITE TRACKING PREVENTION



TYPICAL SWALE CONFIGURATION



DIVERSION DIKE

IDENT. NO.	DESCRIPTION / REVISION (OR CHANGE NOTICE)	DATE	BY
3			
2			
1			

NEW MEXICO STATE HIGHWAY AND TRANSPORTATION DEPARTMENT

OFFSITE TRACKING PREVENTION & DIVERSION DIKE

SHEET NO. 7 OF 7

nm811 Know what's below. Call before you dig.

CAUTION!!
CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2023 KIMLEY-HORN AND ASSOCIATES, INC.
1201 3RD AVE, SUITE 2500, SEATTLE, WA 98101
PHONE: (206) 627-1900
WWW.KIMLEY-HORN.COM

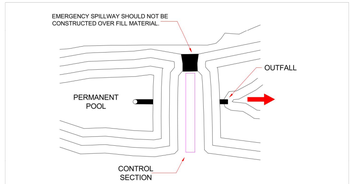
ELIZABETH ANNE WILLMOT
NEW MEXICO
28862
PROFESSIONAL ENGINEER
10/31/2023

KHA PROJECT	090100000
DATE	10/31/2023
SCALE	AS SHOWN
DESIGNED BY	NW/SP
DRAWN BY	NW/SP
CHECKED BY	LW

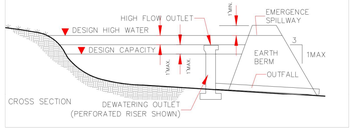
EROSION CONTROL PLAN DETAILS

STARBUCKS COFFEE COMPANY
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

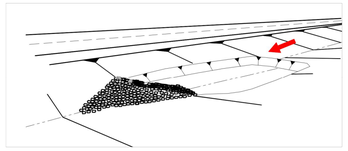
SHEET NUMBER
C3.2

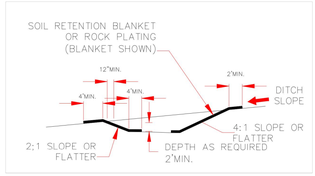


PLAN VIEW



SEDIMENT BASIN

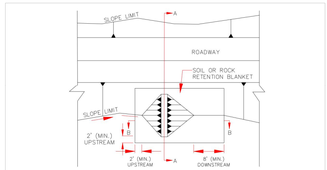


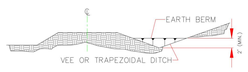


NOTES: SEDIMENT TRAP

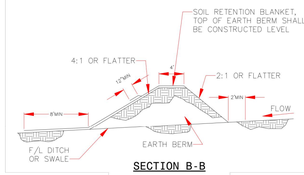
1. TEMPORARY SEDIMENT TRAPS MAY BE CONSTRUCTED BY EXCAVATION ALONE OR BY EXCAVATION IN COMBINATION WITH AN EMBANKMENT.
2. TEMPORARY SEDIMENT TRAPS ARE OFTEN USED IN CONJUNCTION WITH A DIVERSION DIKE OR SWELL.
3. THE DRAINAGE AREA FOR THE SEDIMENT TRAP SHOULD NOT EXCEED 5 DISTURBED ACRES.
4. THE TRAP MUST BE ACCESSIBLE FOR EASE OF REGULAR MAINTENANCE, WHICH IS CRITICAL TO ITS PROPER FUNCTIONING.
5. SEDIMENT TRAPS ARE TEMPORARY MEASURES AND SHOULD NOT REMAIN IN PLACE LONGER THAN 18 TO 24 MONTHS.
6. THE EMBANKMENT MAY NOT EXCEED 5 FT. IN HEIGHT.
7. THE RECOMMENDED MINIMUM WIDTH AT THE TOP OF THE EMBANKMENT IS BETWEEN 2 FT. AND 5 FT.

SEDIMENT TRAP





SECTION A-A



SECTION B-B

EARTH DIKE (BERM)

IDENT. NO.	DESCRIPTION (REVISION OR CHANGE NOTICE)	DATE	BY

NEW MEXICO STATE HIGHWAY AND TRANSPORTATION DEPARTMENT

SEDIMENT BASIN, SEDIMENT TRAP, & EARTH DIKE

SHEET NO. 5 OF 7

PRODUCT SPECIFICTIONS

filtrexx® SUSTAINABLE TECHNOLOGIES

Filtrexx SiltSoxx® EXTREME

PURPOSE & DESCRIPTION

Filtrexx **SiltSoxx EXTREME** is a pre-filled compost filter sock comprised of durable mesh material and cerrified FilterMedia™. Filtrexx SiltSoxx EXTREME is specially designed to withstand the harsh surface conditions of asphalt and concrete. Filtrexx SiltSoxx EXTREME features an extra tough, wear & tear resistant mesh, available in green/black stripe or orange.

APPLICATIONS

- Urban construction
- On asphalt/concrete
- Rugged conditions
- High traffic areas

FOR ADDITIONAL INFORMATION

Refer to the **Filtrexx Catalog** for full item listings.

Refer to **Filtrexx Design Specifications** for complete application, design, installation, maintenance, and removal documentation at www.filtrexx.com/specs

FIELD APPLICATION PHOTO REFERENCES

Filtrexx SiltSoxx EXTREME used in rugged conditions.

Filtrexx SiltSoxx EXTREME Specifications

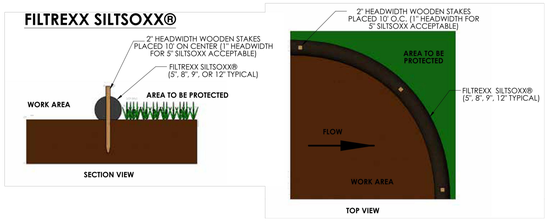
Product Name	**SiltSoxx EXTREME**
Mesh Material Type	Multi-Filament Polypropylene (MFPP) Photodegradable
Uses	hard surfaces; rugged sites; high traffic
Diameters	8", 12"
Mesh Opening Size	1/16"
Functional Longevity/ Project Duration[1]	up to 5 yr
Tensile Strength (ASTM D4595)[2]	MD: 1062 lbs TD: 797 lbs
Fill Material	Locally sourced FilterMedia™
Mesh Color	green/black thick stripe; orange
Mesh Sample	
FilterMedia Sample	

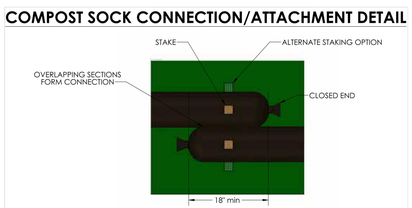
[1]Functional longevity ranges are estimates only. Site specific environmental conditions may result in significantly shorter or longer time periods.
[2]Tensile Strength is based on 12" diameter using ATSM D4595. See Filtrexx TechLink #3342 for full tensile strength testing.

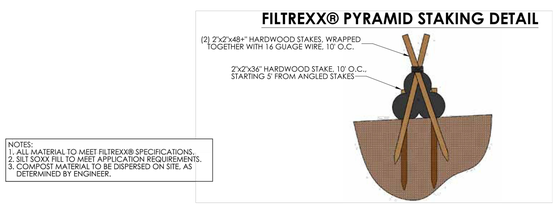
Filtrexx SiltSoxx is in compliance with most state & federal agencies including:

US Army Corps of Engineers. USDA NRCS Made in USA USDA CERTIFIED BIOBASED PRODUCT

Figure 1.1. Engineering Design Drawing for Perimeter Control







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Kimley»Horn
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ELIZABETH ANNE WILLMOT NEW MEXICO 28862 PROFESSIONAL ENGINEER
10/31/2023

KHA PROJECT	090100000
DATE	10/31/2023
SCALE	AS SHOWN
DESIGNED BY	NW/SP
DRAWN BY	NW/SP
CHECKED BY	LW

EROSION CONTROL PLAN DETAILS

STARBUCKS COFFEE COMPANY
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

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