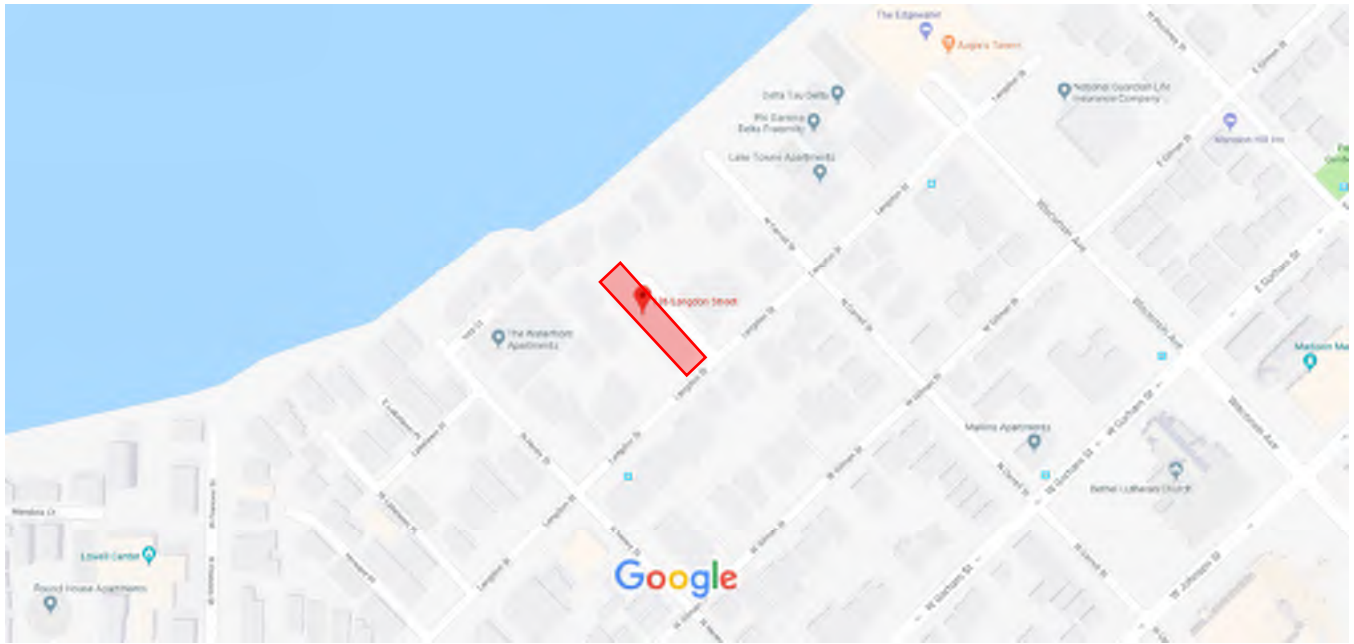


Google Maps 126 Langdon St

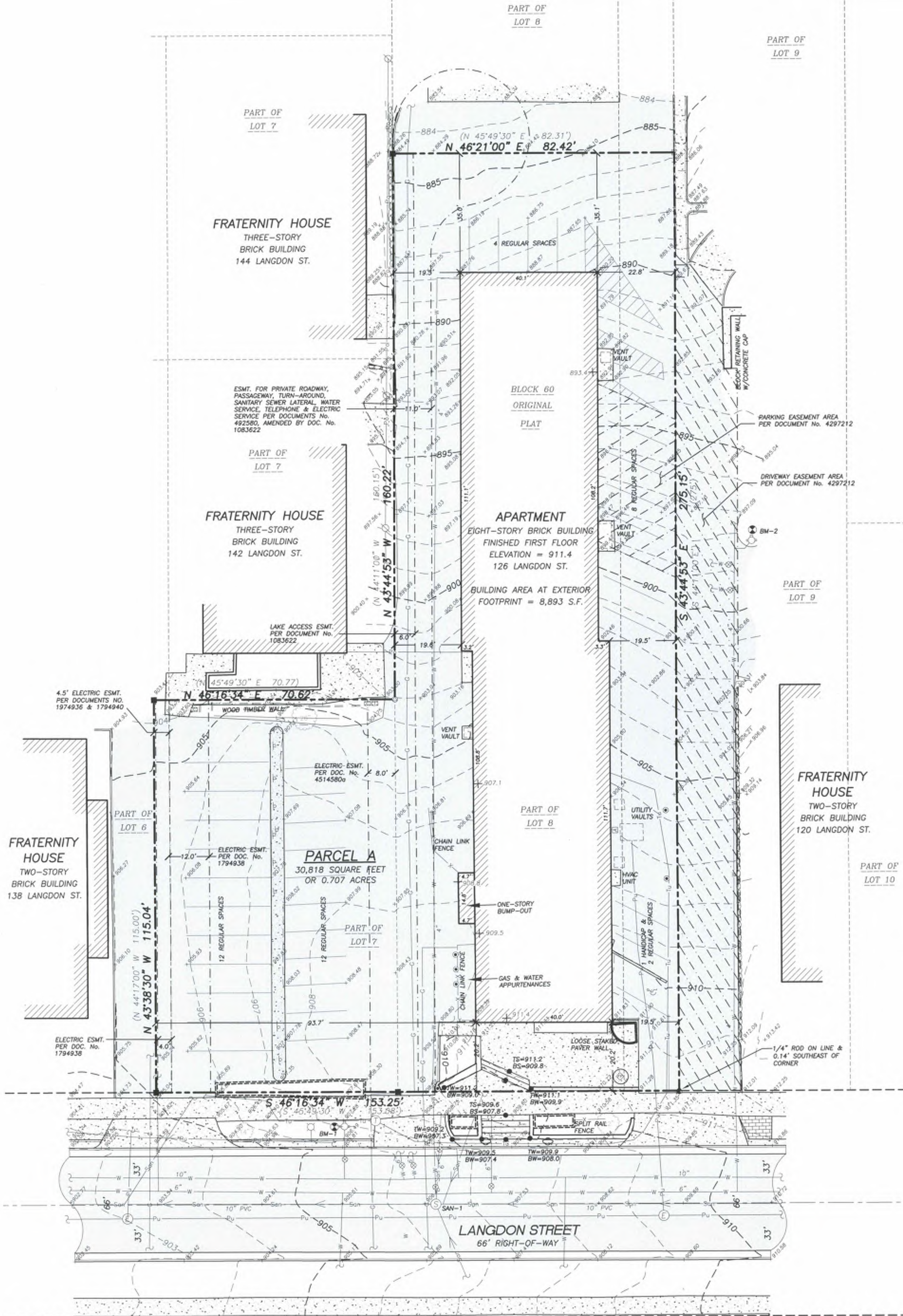


Map data ©2017 Google 100 ft



126 Langdon St
Madison, WI 53703





LEGEND

- MAG NAIL SET
- ⊗ CHISELED "X" FOUND
- 1" IRON PIPE FOUND
- REBAR FOUND (SIZE NOTED)
- ⊕ BENCHMARK
- ⊕ FLOOR ELEVATION
- ⊕ FLAG POLE
- ⊕ SIGN
- ⊕ SANITARY MANHOLE
- ⊕ HYDRANT
- ⊕ WATER OR GAS VALVE
- ⊕ AIR CONDITIONING UNIT
- ⊕ ELECTRIC MANHOLE
- ⊕ AIR CONDITIONING UNIT
- ⊕ LIGHT POLE
- ⊕ POWER POLE W/GUY
- ⊕ TELEPHONE PEDESTAL
- ⊕ CABLE PEDESTAL
- ⊕ BOLLARD
- ⊕ PARKING METER
- ⊕ DECIDUOUS TREE
- ⊕ HANDICAP PARKING
- PARCEL BOUNDARY
- CENTERLINE
- PLATTED LOT LINE
- EASEMENT LINE
- FENCE LINE
- GUARD OR SAFETY RAIL
- STONE WALL
- EDGE OF BITUMINOUS
- CONCRETE CURB & GUTTER
- SANITARY SEWER
- WATER LINE
- NATURAL GAS
- UNDERGROUND ELECTRIC
- OVERHEAD ELECTRIC
- UNDERGROUND TELEPHONE
- BUILDING
- WALL LINE
- RAISED WOODEN PLANTER
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- SPOT ELEVATION
- BITUMINOUS PAVEMENT
- CONCRETE PAVEMENT
- BRICK TERRACE
- DISCONTINUED MAPPED PIPE LINE

NOTES

- FIELD WORK PERFORMED BY JSD PROFESSIONAL SERVICES, INC. ON NOVEMBER 6, 2012.
- BEARINGS FOR THIS SURVEY ARE BASED ON THE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS), DANE COUNTY. BEARINGS ARE REFERENCED TO THE SOUTHEASTERLY LINE OF BLOCK 60, BEARING S 46°16'34" W.
- ELEVATIONS FOR THIS SURVEY AND MAP ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). PROJECT BENCHMARK IS A BRASS CAP MONUMENT MARKING THE WEST MEANDER CORNER FOR THE SOUTHWEST CORNER OF SECTION 13, 17N, R9E, ELEVATION = 897.69.
- CONTOUR INTERVAL IS ONE FOOT.
- SPOT ELEVATIONS SHOWN ALONG CURB AND GUTTER REFERENCE THE TOP BACK OF CURB.
- SUBSURFACE UTILITIES AND FEATURES SHOWN ON THIS MAP HAVE BEEN APPROXIMATED BY LOCATING SURFICIAL FEATURES AND APPURTENANCES, LOCATING DIGGERS HOTLINE FIELD MARKINGS AND BY REFERENCE TO UTILITY RECORDS AND MAPS. DIGGER'S HOTLINE TICKET NO. 20124405709.
- BEFORE EXCAVATION, APPROPRIATE UTILITY COMPANIES SHOULD BE CONTACTED. FOR EXACT LOCATION OF UNDERGROUND UTILITIES, CONTACT DIGGERS' HOTLINE, AT 1.800.242.8511.
- THE ACCURACY OF THE BENCHMARKS SHOWN ON THIS MAP SHALL BE VERIFIED BEFORE BEING UTILIZED. JSD PROFESSIONAL SERVICES, INC. DOES NOT WARRANT THE ACCURACY OF THESE BENCHMARKS.
- THIS PARCEL IS SUBJECT TO ALL EASEMENTS AND AGREEMENTS, BOTH RECORDED AND UNRECORDED.

LEGAL DESCRIPTION - FURNISHED

PARCEL A: ALL THAT PART OF LOT EIGHT (8) AND THE SOUTHWESTERLY 16 FEET OF LOT NINE (9), BLOCK SIXTY (60), MADISON, ACCORDING TO THE PRITCHETTE PLAT THEREOF, IN THE CITY OF MADISON, DANE COUNTY, WISCONSIN, WHICH LIES SOUTHEASTERLY OF A LINE PARALLEL WITH AND 275 FEET NORTHWESTERLY FROM THE SOUTHEASTERLY LINE OF SAID LOTS. TOGETHER WITH AND SUBJECT TO THE EASEMENTS, COVENANTS AND RESERVATIONS SET FORTH IN A WARRANTY DEED RECORDED IN VOLUME 337 OF DEEDS, PAGE 425, AS DOCUMENT NO. 492580, DANE COUNTY REGISTRY.

THE SOUTHEAST 115 FEET OF LOT SEVEN (7), AND THE NORTHEASTERLY 4 1/2 FEET IN WIDE OF THE SOUTHEAST 115 FEET OF LOT SIX (6), BLOCK SIXTY (60), MADISON, ACCORDING TO THE RECORDED PLAT THEREOF, IN THE CITY OF MADISON, DANE COUNTY, WISCONSIN.

TOGETHER WITH THE EASEMENTS SET FORTH IN AN AGREEMENT RECORDED IN VOLUME 65 OF MISC., PAGE 160, AS DOCUMENT NO. 441969, DANE COUNTY, WISCONSIN; AND TOGETHER WITH EASEMENT SET FORTH IN INSTRUMENT RECORDED SEPTEMBER 24, 1963, IN VOLUME 398 OF MISC., PAGE 156, AS DOCUMENT NO. 1083622.

TAX KEY NO: 251/0709-144-1016-6, 251/0709-144-1014-0

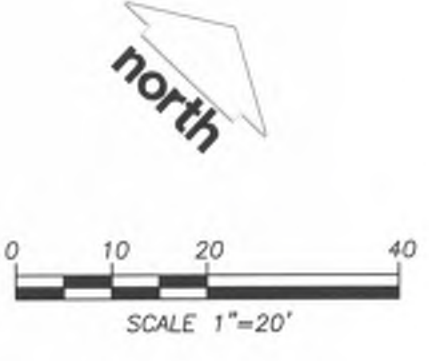
BENCHMARKS		
BENCH MARK	ELEVATION	DESCRIPTION
BM-1	910.35	TOP NUT OF HYDRANT AT 126 LANGDON ST.
BM-2	901.34	TOP NUT OF HYDRANT AT THE NORTHWEST SIDE OF PROPERTY AT 120 LANGDON ST

SANITARY SEWER MANHOLES				
STRUCT. ID	RIM ELEVATION	INVERT	ELEVATION/PIPE SIZE	PIPE TYPE
SAN-1	906.50	SW	895.38 10"	PVC
		NE	895.53 10"	PVC
		NW	896.85 8"	PVC
		SE	896.90 6"	PVC

SURVEYOR'S CERTIFICATE

I, PAUL R. KNUDSON, WISCONSIN REGISTERED LAND SURVEYOR NO. S-1556, HEREBY CERTIFY THAT THIS BOUNDARY, TOPOGRAPHIC AND UTILITY SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF IN ACCORDANCE WITH THE INFORMATION PROVIDED.

Paul R. Knudson 12-05-2012
 PAUL R. KNUDSON, S-1556
 REGISTERED LAND SURVEYOR DATE



TO OBTAIN LOCATIONS OF PARTICIPANT UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
 1-800-242-8511 TOLL FREE

WISCONSIN STATE STATUTE REQUIRES MINIMUM THREE (3) WORK DAYS NOTICE BEFORE YOU DIG

THE INFORMATION SHOWN ON THIS DRAWING CONCERNING THE LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE. IF AT ALL INCLUDING, THE CONTRACTOR IS RESPONSIBLE FOR MAKING THE CONTRACTOR'S OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THEREOF.

EXISTING CONDITIONS SURVEY

PART OF LOTS 6, 7, 8 & 9, BLOCK 60, ORIGINAL PLAT OF MADISON, LOCATED IN THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 14, TOWN 7 NORTH, RANGE 9 EAST, CITY OF MADISON, DANE COUNTY, WISCONSIN.

DATE	11-28-2012	DRAWN BY	JOS
DATE	11-29-2012	CHECKED BY	PRK, CWR
DATE	12-05-2012	APPROVED BY	DMJ
DATE		ORIGNAME	JA:2012\125398\dwg\125398_Execn.dwg
DATE		DESCRIPTION	

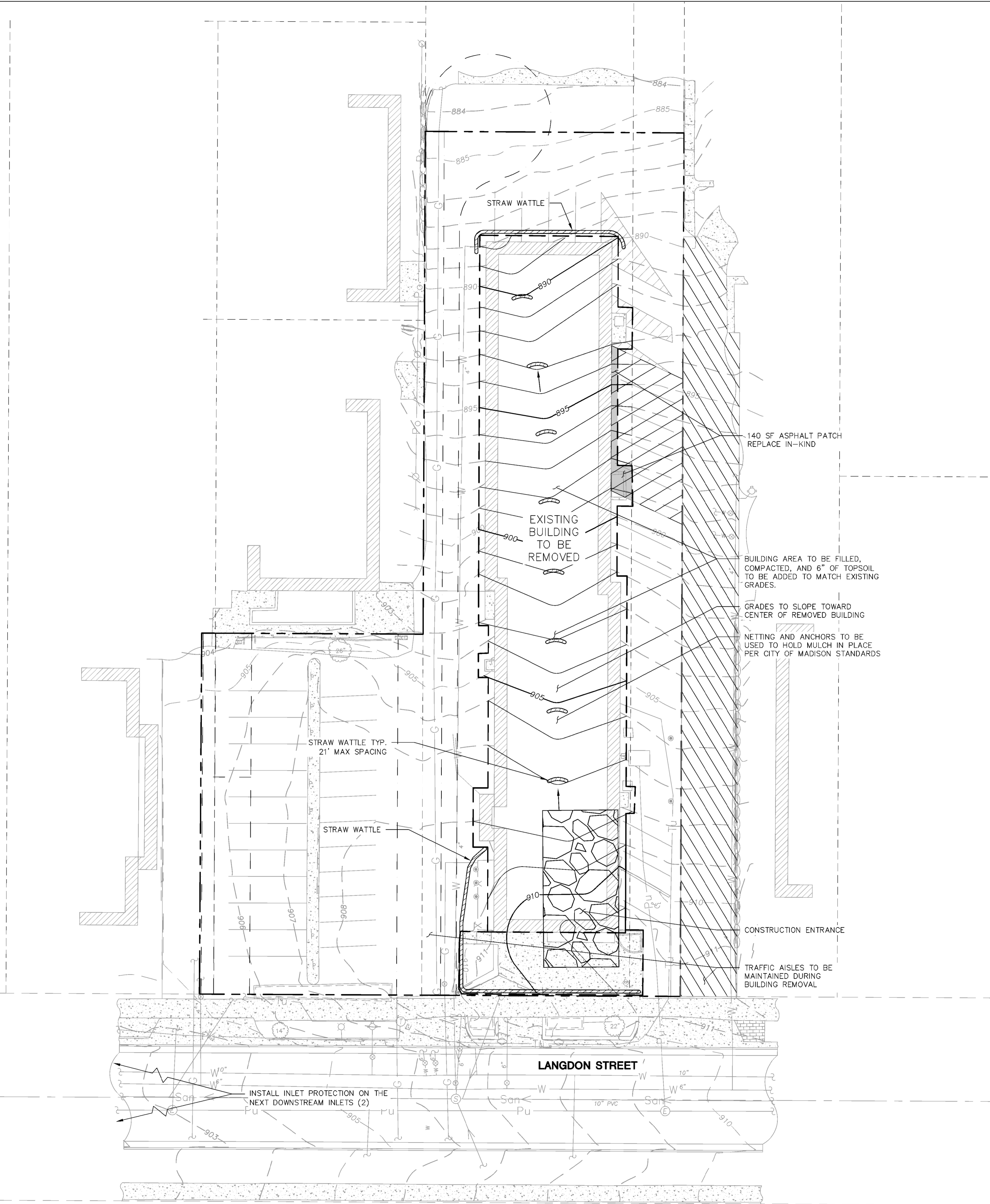
JSD Professional Services, Inc.
 Engineers • Surveyors • Planners

161 HORIZON DRIVE SUITE 101
 VERONA, WISCONSIN 53593
 PHONE: (608)848-5060

PROJECT NO: 12-5398
 FILE NO: C-333
 SURVEYED: JDS
 F.B. NO/PG: 259/2
 SHEET NO: 1 OF 1

PREPARED FOR
 SBA MANAGEMENT SERVICES, INC
 120 W. GORHAM STREET
 MADISON, WI 53703

File: I:\2017\178294\DWG\17-8294 Con Docs.dwg Layout: C2.0 Grading & Erosion Control User: msanders Plotted: Feb 21, 2018 - 10:42am Xrefs:



LEGEND

- PROPERTY LINE
- RIGHT-OF-WAY
- EASEMENT LINE
- PLATTED LOT LINE
- PAVEMENT REMOVAL/SAWCUT LINE
- ASPHALT PAVEMENT
- 894 PROPOSED 1 FOOT CONTOUR
- 895 PROPOSED 5 FOOT CONTOUR
- DRAINAGE DIRECTION
- STRAW WATTLE

CONSTRUCTION SITE EROSION CONTROL REQUIREMENTS (CSECR) NOTES

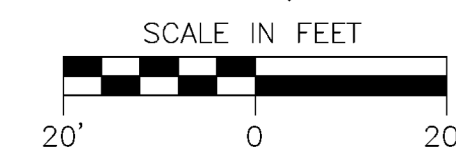
1. ALL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE DESIGNED AND IMPLEMENTED IN ACCORDANCE WITH THE CURRENT DEPARTMENT OF NATURAL RESOURCES EROSION AND SEDIMENT CONTROL TECHNICAL STANDARDS WHICH ARE AVAILABLE AT: <http://www.dnr.state.wi.us/runoff/stormwater/techstds.htm>
2. INSTALL EROSION CONTROL MEASURES PRIOR TO ANY SITE WORK, INCLUDING GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIALS AS SHOWN ON PLAN. MODIFICATIONS TO SEDIMENT CONTROL DESIGN MAY BE CONDUCTED TO MEET UNFORESEEN FIELD CONDITIONS IF MODIFICATIONS CONFORM TO WDNR TECHNICAL STANDARDS.
3. INSPECTIONS AND MAINTENANCE OF ALL EROSION CONTROL MEASURES SHALL BE ROUTINE (ONCE PER WEEK MINIMUM) TO ENSURE PROPER FUNCTION OF EROSION CONTROLS AT ALL TIMES. EROSION CONTROL MEASURES ARE TO BE IN WORKING ORDER AT THE END OF EACH WORK DAY.
4. INSPECT EROSION CONTROL MEASURES AFTER EACH 1/2" OR GREATER RAINFALL. REPAIR ANY DAMAGE OBSERVED DURING THE INSPECTION.
5. EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL ALL LAND DISTURBING CONSTRUCTION ACTIVITY AT THE SITE HAS BEEN COMPLETED AND THAT A UNIFORM PERENNIAL VEGETATIVE COVER HAS BEEN ESTABLISHED WITH A DENSITY OF AT LEAST 70% OF THE COVER FOR THE UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES OR THAT EMPLOY EQUIVALENT PERMANENT STABILIZATION MEASURES.
6. INSTALL EROSION CONTROLS ON THE DOWNSTREAM SIDE OF STOCKPILES.
7. EROSION CONTROL FOR UTILITY CONSTRUCTION (STORM SEWER, SANITARY SEWER, WATER MAIN, ETC.):
 - A. PLACE EXCAVATED TRENCH MATERIAL ON THE HIGH SIDE OF THE TRENCH.
 - B. BACKFILL, COMPACT, AND STABILIZE THE TRENCH IMMEDIATELY AFTER PIPE CONSTRUCTION.
 - C. DISCHARGE TRENCH WATER INTO A SEDIMENTATION BASIN OR FILTERING TANK IN ACCORDANCE WITH THE DEWATERING TECHNICAL STANDARD NO. 1061 PRIOR TO RELEASE INTO THE STORM SEWER, RECEIVING STREAM, OR DRAINAGE DITCH.
11. APPLY ANIONIC POLYMER TO DISTURBED AREAS IF EROSION BECOMES PROBLEMATIC.
12. ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED BY STATE INSPECTORS, LOCAL INSPECTORS, AND/OR ENGINEER SHALL BE INSTALLED WITHIN 24 HOURS OF REQUEST.
13. ALL SLOPES 4:1 OR GREATER SHALL BE STABILIZED WITH CLASS I, TYPE B EROSION MATTING AND DRAINAGE SWALES SHALL BE STABILIZED WITH CLASS II, TYPE B EROSION MATTING, WITHIN 7 DAYS OF REACHING FINAL GRADE AND/OR AS SOON AS CONDITIONS ALLOW. REFER BELOW TO NOTE NO. SIXTEEN (16) FOR STABILIZATION PRACTICES FOR POTENTIAL INTERIM STABILIZATION.
14. CONTRACTOR/OWNER SHALL FILE A NOTICE OF TERMINATION UPON VEGETATIVE STABILIZATION AND/OR PROPERTY SALE IN ACCORDANCE WITH WDNR REQUIREMENTS.
15. CONTRACTOR SHALL TAKE ALL NECESSARY STEPS TO CONTROL DUST ARISING FROM CONSTRUCTION OPERATIONS. REFER TO WDNR TECHNICAL STANDARD 1068.
16. **STABILIZATION PRACTICES:**
 - 16.1. * STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. NO MORE THAN SEVEN (7) DAYS SHALL PASS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS CEASED UNLESS:
 - THE INITIATION STABILIZATION MEASURES BY THE SEVENTH (7) DAY AFTER CONSTRUCTION ACTIVITY HAS CEASED IS PRECLUDED BY SNOW COVER. IN THAT EVENT, STABILIZATION SHALL BE INITIATED AS SOON AS PRACTICABLE
 - CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN FOURTEEN (14) DAYS FROM WHEN ACTIVITY CEASED. (IF THE TOTAL TIME PERIOD THAT THE CONSTRUCTION ACTIVITY IS TEMPORARILY CEASED IS LESS THAN FOURTEEN (14) DAYS, IN THAT EVENT, STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE BY THE SEVENTH (7) DAY AFTER CONSTRUCTION ACTIVITY HAS TEMPORARILY CEASED
 - STABILIZATION MEASURES SHALL BE DETERMINED BASED ON SITE CONDITIONS AT THE TIME OF CONSTRUCTION ACTIVITY HAS CEASED, INCLUDING BUT NOT LIMITED TO WEATHER CONDITIONS AND LENGTH OF TIME MEASURE MUST BE EFFECTIVE. THE FOLLOWING ARE ACCEPTABLE STABILIZATION MEASURES:
 - ~ PERMANENT SEEDING; IN ACCORDANCE WITH APPROVED CONSTRUCTION SPECIFICATION
 - ~ TEMPORARY SEEDING; MAY CONSIST OF SPRING OATS(100LBS/ACRE) AND/OR WHEAT OR CEREAL RYE (150LB/ACRE)
 - ~ HYDRO-MULCHING WITH A TACKIFIER
 - ~ GEOTEXTILE EROSION MATTING
 - ~ SODDING

GRADING AND SEEDING NOTES

1. ALL DISTURBED AREAS SHALL BE SODDED AND/OR SEEDDED AND MULCHED IMMEDIATELY FOLLOWING GRADING ACTIVITIES. SOD/SEED MIX TO BE IN ACCORDANCE WITH LANDSCAPE PLAN.
2. ALL PROPOSED GRADES SHOWN ARE FINISHED GRADES. CONTRACTOR SHALL VERIFY ALL GRADES, MAKE SURE ALL AREAS DRAIN PROPERLY AND SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
3. CONTRACTOR SHALL WATER ALL NEWLY SODDED/SEEDDED AREAS DURING THE SUMMER MONTHS WHENEVER THERE IS A 7 DAY LAPSE WITH NO SIGNIFICANT RAINFALL.
4. CONTRACTOR TO DEEP TILL ALL COMPACTED PERVIOUS SURFACES PRIOR TO SODDING AND/OR SEEDING AND MULCHING.
5. THE CONTRACTOR SHALL NOTIFY THE CITY TWO (2) WORKING DAYS IN ADVANCE OF ANY SOIL DISTURBING ACTIVITY.
6. IF GRADING ACTIVITIES STOP ON ANY PORTION OF LAND FOR 14 OR MORE CALENDAR DAYS, THE AREA IN QUESTION MUST BE TEMPORARILY STABILIZED.
7. ALL SLOPES 5:1 OR GREATER SHALL BE TEMPORARY SEEDDED, MULCHED, OR EROSION MATTED OR OTHER MEANS OF COVER PLACED ON THEM WITHIN 2 WEEKS OF DISTURBANCE.

CONSTRUCTION SEQUENCING

1. MAY 1, 2018- INSTALL EROSION CONTROL MEASURES PRIOR TO ANY CONSTRUCTION ACTIVITIES.
2. MAY 1, 2018- START DEMOLITION
3. INSTALL CONSTRUCTION ENTRANCE AND STRAW WATTLES AS BUILDING IS REMOVED AND FILL IS PLACED.
4. SEPTEMBER 1, 2018- SEEDING AND MULCH TO BE COMPLETED. CITY OF MADISON ENGINEERING DIVISION TO BE NOTIFIED IF MINIMUM OF 24 HOURS BEFORE THIS DATE IF THIS DATE IS TO CHANGE.



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MADISON REGIONAL OFFICE
181 HORIZON DRIVE, SUITE 101
VERONA, WISCONSIN 53593
P. 608.848.5060

CLIENT:



CLIENT ADDRESS:
300 SOUTH BEDFORD STREET
MADISON, WI 53703

PROJECT:
126 LANGDON STREET
DEMOLITION

PROJECT LOCATION:
MADISON, WI
DANE COUNTY

PLAN MODIFICATIONS:

#	Date	Description
1	12.06.17	PERMITTING
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

Design/Drawn: MSS
Approved: MGG

SHEET TITLE:
GRADING AND EROSION CONTROL PLAN

SHEET NUMBER:
C2.0

JSD PROJECT NO: 17-8294



Toll Free (800) 242-8511

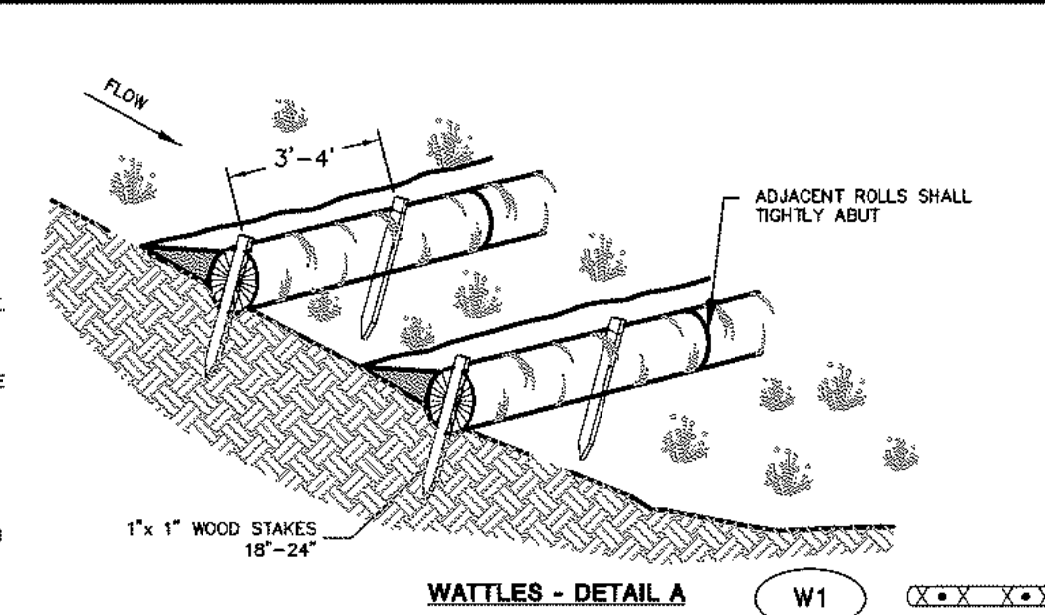
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DETAIL A NOTES:

INSTALLATION:
WHEN INSTALLING RUNNING LENGTHS OF WATTLES, BUTT THE SECOND WATTLE TIGHTLY AGAINST THE FIRST, DO NOT OVERLAP THE ENDS. STAKE THE WATTLES AT EACH END AND FOUR FEET ON CENTER. FOR EXAMPLE:
A 25 FOOT WATTLE USES 6 STAKES
A 20 FOOT WATTLE USES 5 STAKES
A 12 FOOT WATTLE USES 4 STAKES

STAKES SHOULD BE DRIVEN THROUGH THE MIDDLE OF THE WATTLE LEAVING 2 - 3 INCHES OF THE STAKE PROTRUDING ABOVE THE WATTLE. A HEAVY SEDIMENT LOAD WILL TEND TO PICK THE WATTLE UP AND COULD PULL IT OFF THE STAKES IF THEY ARE DRIVEN DOWN TOO LOW. IT MAY BE NECESSARY TO MAKE A HOLE IN THE WATTLE WITH A PICK END OF YOUR MACHINERY IN ORDER TO GET THE STAKE THROUGH THE STRAW. WHEN STRAW WATTLES ARE USED FOR FLAT GROUND APPLICATIONS, DRIVE THE STAKES STRAIGHT DOWN; WHEN INSTALLING WATTLES ON SLOPES, DRIVE THE STAKES PERPENDICULAR TO THE SLOPE.

DRIVE THE FIRST END STAKE OF THE SECOND WATTLE AT AN ANGLE TOWARD THE FIRST WATTLE IN ORDER TO HELP ABUT THEM TIGHTLY TOGETHER. IF YOU HAVE DIFFICULTY DRIVING THE STAKE INTO EXTREMELY HARD OR ROCKY SLOPES, A PLOTT BAR MAY BE NEEDED TO BEGIN THE STAKE HOLE.

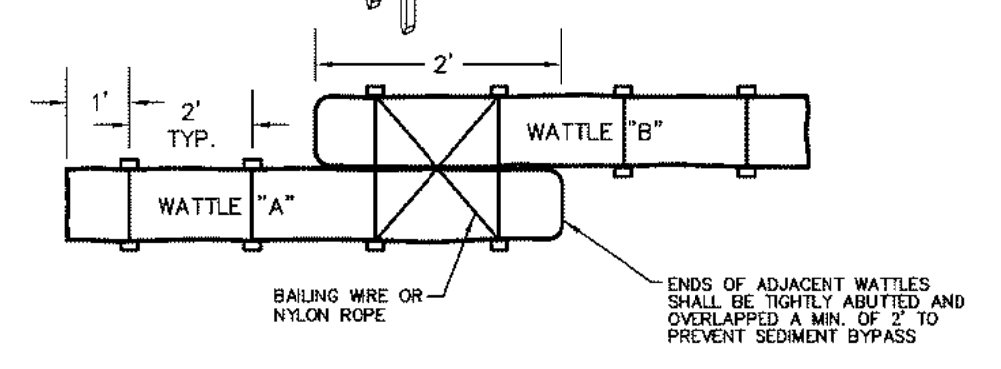
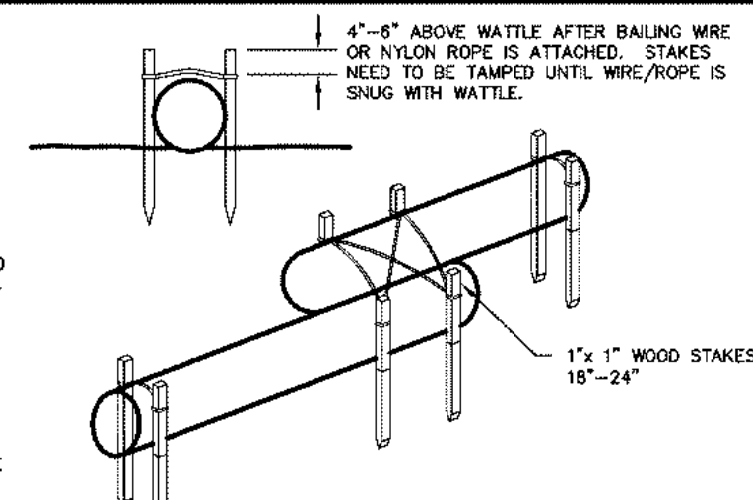


WATTLES - DETAIL A W1

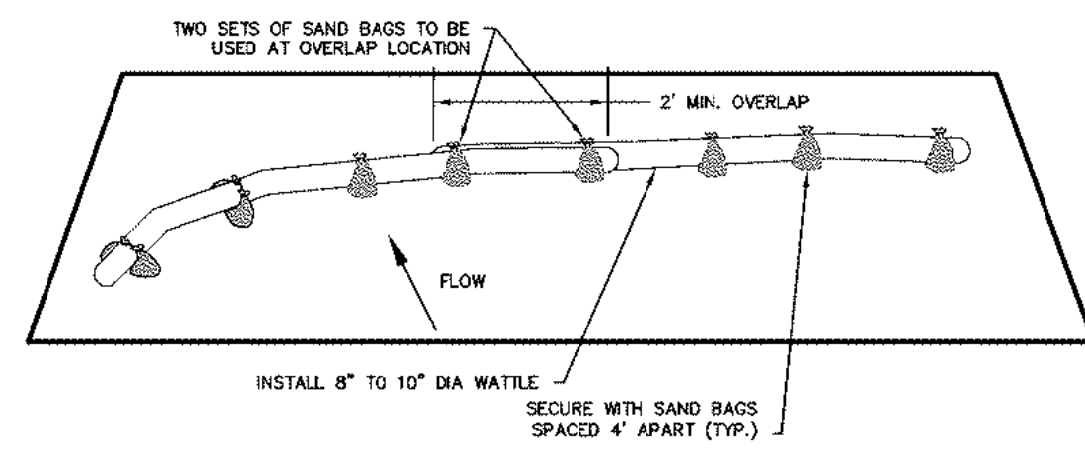
DETAIL B NOTES:

INSTALLATION:
STAKES SHOULD BE DRIVEN ACROSS FROM EACH OTHER AND ON EACH SIDE OF THE WATTLE. LEAVING 4"-6" OF STAKE PROTRUDING ABOVE THE WATTLE. BAILING WIRE OR NYLON ROPE SHOULD BE TIED TO THE STAKES ACROSS THE WATTLE. STAKES SHOULD THEN BE DRIVEN UNTIL THE BAILING WIRE OR NYLON ROPE IS SUFFICIENTLY SNUG TO THE WATTLE.

WHEN INSTALLING RUNNING LENGTHS OF WATTLES, TO PREVENT SHIFTING, STAKES SHOULD BE DRIVEN 1 FT. FROM END, ACROSS FROM AND ON EACH SIDE OF WATTLE LEAVING 4"-6" OF STAKE PROTRUDING ABOVE THE WATTLE. BAILING WIRE OR NYLON ROPE SHOULD BE TIED TO STAKES IN AN HOUR GLASS FORMATION (FRONT TO BACK OF WATTLE "A", ACROSS TO FRONT OF WATTLE "B", ACROSS TO BACK AND BACK TO FRONT OF WATTLE "A"). STAKES SHOULD THEN BE DRIVEN IN UNTIL BAILING WIRE OR NYLON ROPE IS SUFFICIENTLY SNUG TO THE WATTLE.



WATTLES - DETAIL B W2



PAVEMENT SETUP W3

GENERAL WATTLE INSTALLATION NOTES:

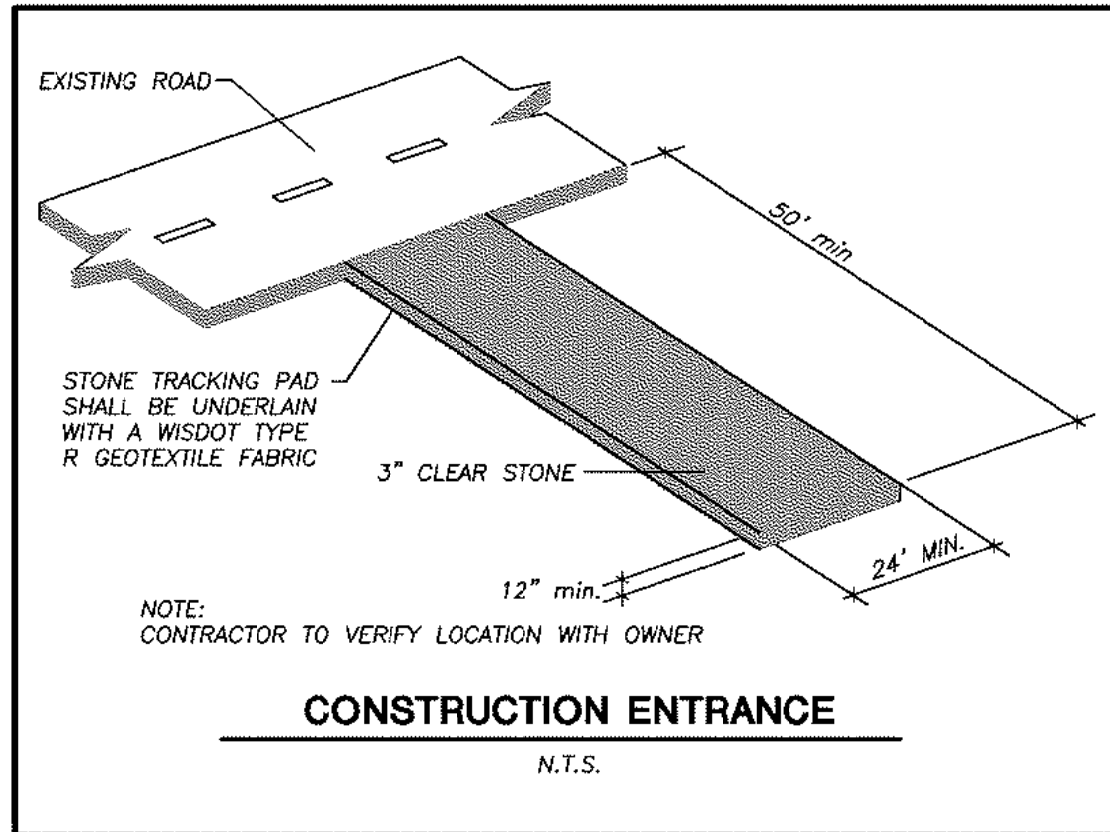
1. THE LOCATION AND LENGTH OF WATTLE IS DEPENDENT ON THE CONDITIONS OF EACH SITE.
2. WATTLES SHALL BE INSTALLED PRIOR TO ANY LAND-DESTRUCTING ACTIVITIES.
3. WATTLES SHALL CONSIST OF STRAW, COMPOST, EXCELSIOR, OR COCONUT FIBER.
4. NOT FOR USE IN CONCENTRATED FLOW AREAS.
5. THE WATTLES SHALL BE TRENCHED INTO THE GROUND A MINIMUM OF TWO (2) INCHES.
6. WATTLES SHALL BE INSTALLED PER MANUFACTURERS SPECIFICATIONS.
7. ON SLOPES, WATTLES SHOULD BE INSTALLED ON CONTOUR WITH A SLIGHT DOWNWARD ANGLE AT THE END OF THE ROW IN ORDER TO PREVENT PONDING AT THE MID SECTION.
8. RUNNING LENGTHS OF WATTLES SHOULD BE ABUTTED FIRMLY TO ENSURE NO LEAKAGE AT THE ABUTMENTS.
9. SPACING - DOWNSLOPE:
VERTICAL SPACING FOR SLOPE INSTALLATIONS SHOULD BE DETERMINED BY SITE CONDITIONS. SLOPE GRADIENT AND SOIL TYPE ARE THE MAIN FACTORS. A GOOD RULE OF THUMB IS:
1:1 SLOPES = 10 FEET APART
2:1 SLOPES = 20 FEET APART
3:1 SLOPES = 30 FEET APART
4:1 SLOPES = 40 FEET APART, ETC.

HOWEVER, ADJUSTMENTS MAY HAVE TO BE MADE FOR THE SOIL TYPE: FOR SOFT, LOAMY SOILS - ADJUST THE ROWS CLOSER TOGETHER; FOR HARD, ROCKY SOILS - ADJUST THE ROWS FURTHER APART. A SECONDARY WATTLE PLACED BEHIND THE ABUTMENT OF TWO WATTLES IS ENCOURAGED ON STEEP SLOPES OR WHERE JOINTS HAVE FAILED IN THE PAST.

10. STAKING: THE CITY RECOMMENDS USING WOOD STAKES TO SECURE THE WATTLES. 1/2" TO 5/8" REBAR IS ALSO ACCEPTABLE. BE SURE TO USE A STAKE THAT IS LONG ENOUGH TO PROTRUDE SEVERAL INCHES ABOVE THE WATTLE. 18" IS A GOOD LENGTH FOR HARD, ROCKY SOIL. FOR SOFT LOAMY SOIL USE A 24" STAKE.

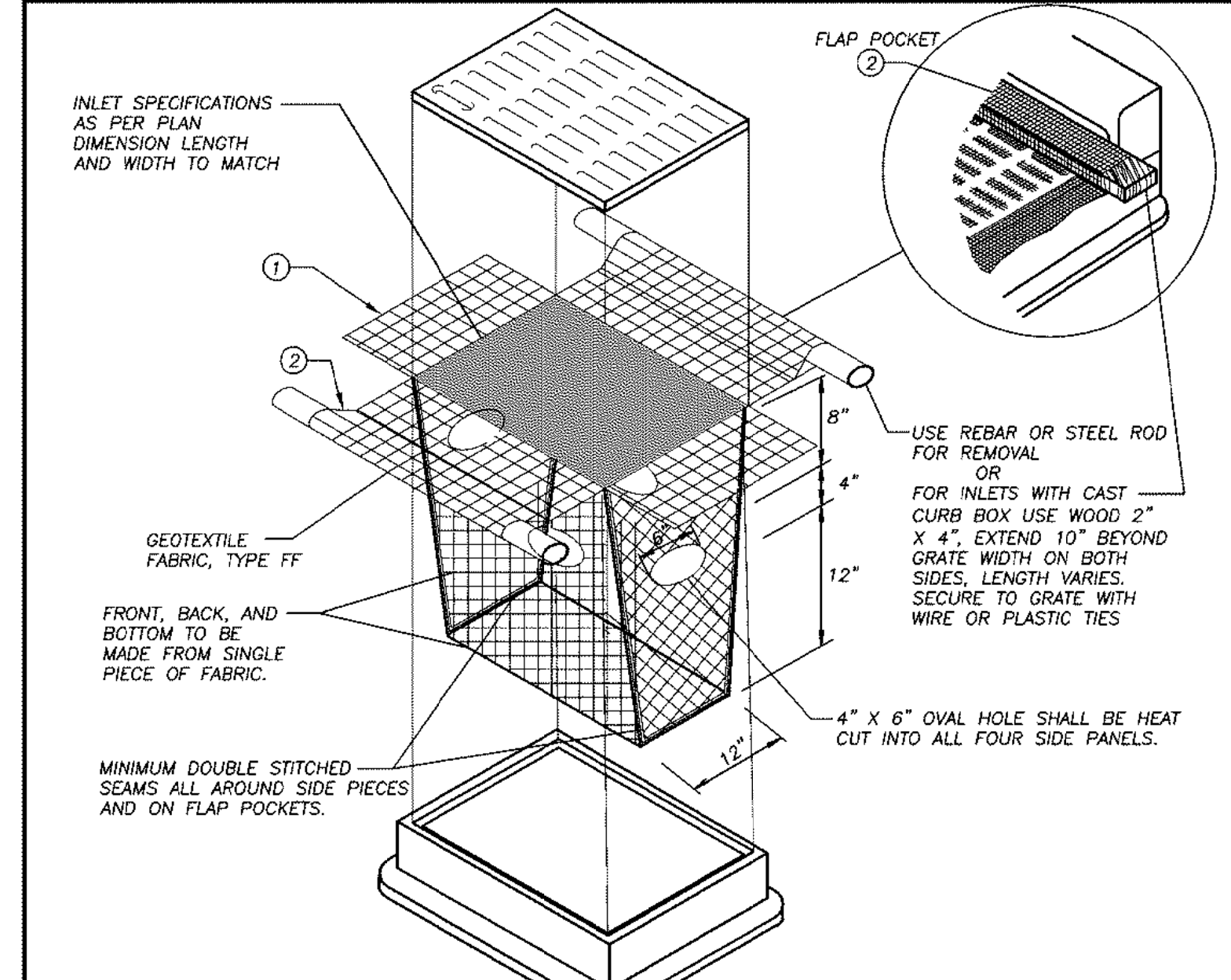
STRAW WATTLE

N.T.S.



CONSTRUCTION ENTRANCE

N.T.S.



GENERAL NOTES

- INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.
- MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.
- WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.
- ① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
 - ② FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL GINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION, TYPE D

N.T.S.



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Design/Drawn: MSS
Approved: MGC

SHEET TITLE:
DETAILS

SHEET NUMBER:
C3.0

