

LYNDE AND HARRY BRADLEY
FOUNDATION PARKING
1241 N. FRANKLIN PL.
MILWAUKEE, WI 53202



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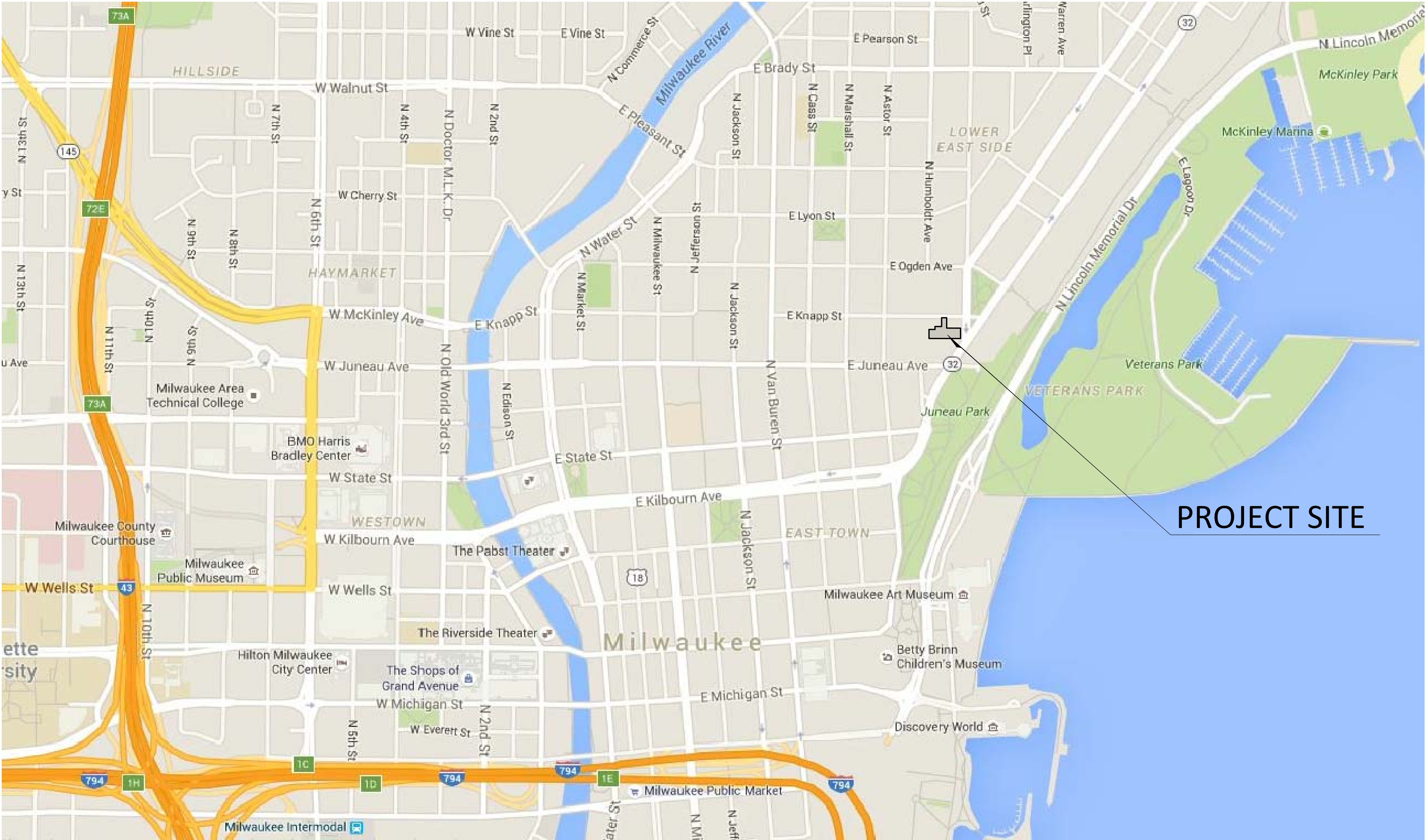
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PROJECT NAME:	LYON HOUSE PARKING LOT
PARCEL TAX I.D.#	PARCEL 1 - 3590111000 PARCEL 2 - 3590112000 PARCEL 3 - 3590109100 PARCEL 4 - 3590110000 PARCEL A - 3590105000 PARCEL B - 3590104100
CLIENT:	THE LYNDE AND HARRY BRADLEY FOUNDATION
ENGINEER OF RECORD:	KAPUR & ASSOCIATES 7711 N. PORT WASHINGTON RD. MILWAUKEE, WI 53217 (414) 351-6668, PHONE (414) 351-4117, FAX
SURVEYOR OF RECORD:	CHAPUT LAND SURVEYS LLC 234 W. FLORIDA STREET MILWAUKEE, WI 53204 (414) 224-8068, PHONE

PROJECT DATA

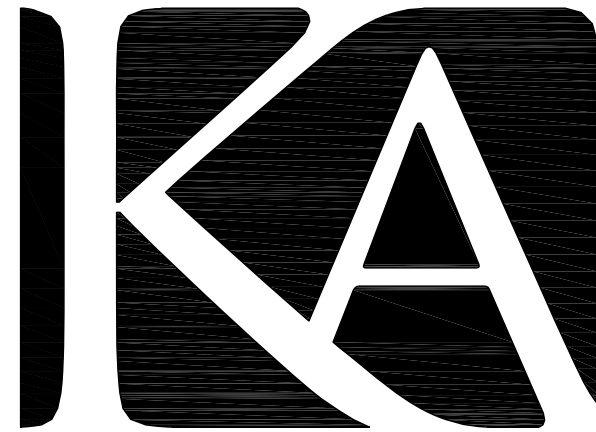


VICINITY MAP
N.T.S.

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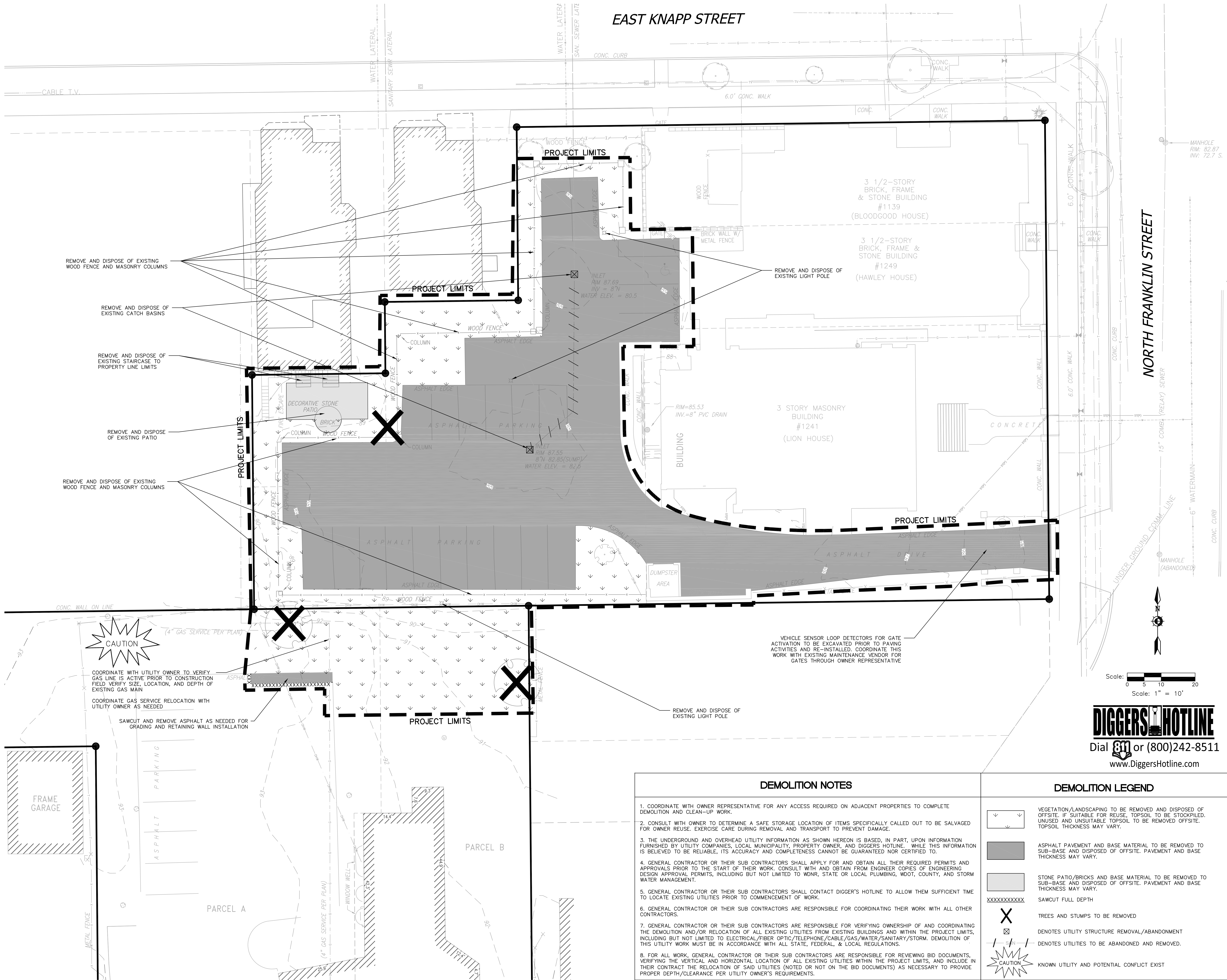
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LOCATION MAP

DATE
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16-109

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C100



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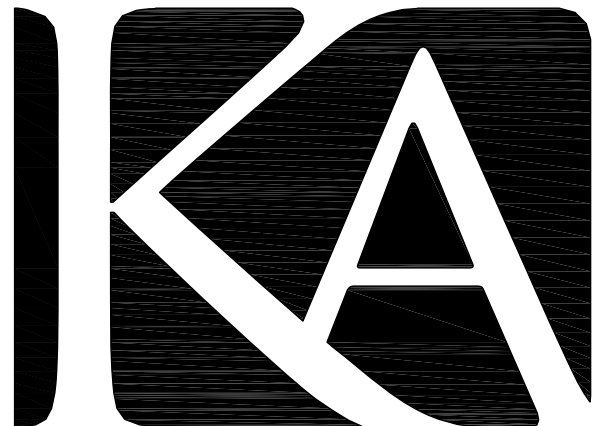
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PROJECT LYNDE AND HARRY BRADLEY FOUNDATION PARKING

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SHEET

SITE DEMOLITION PLAN

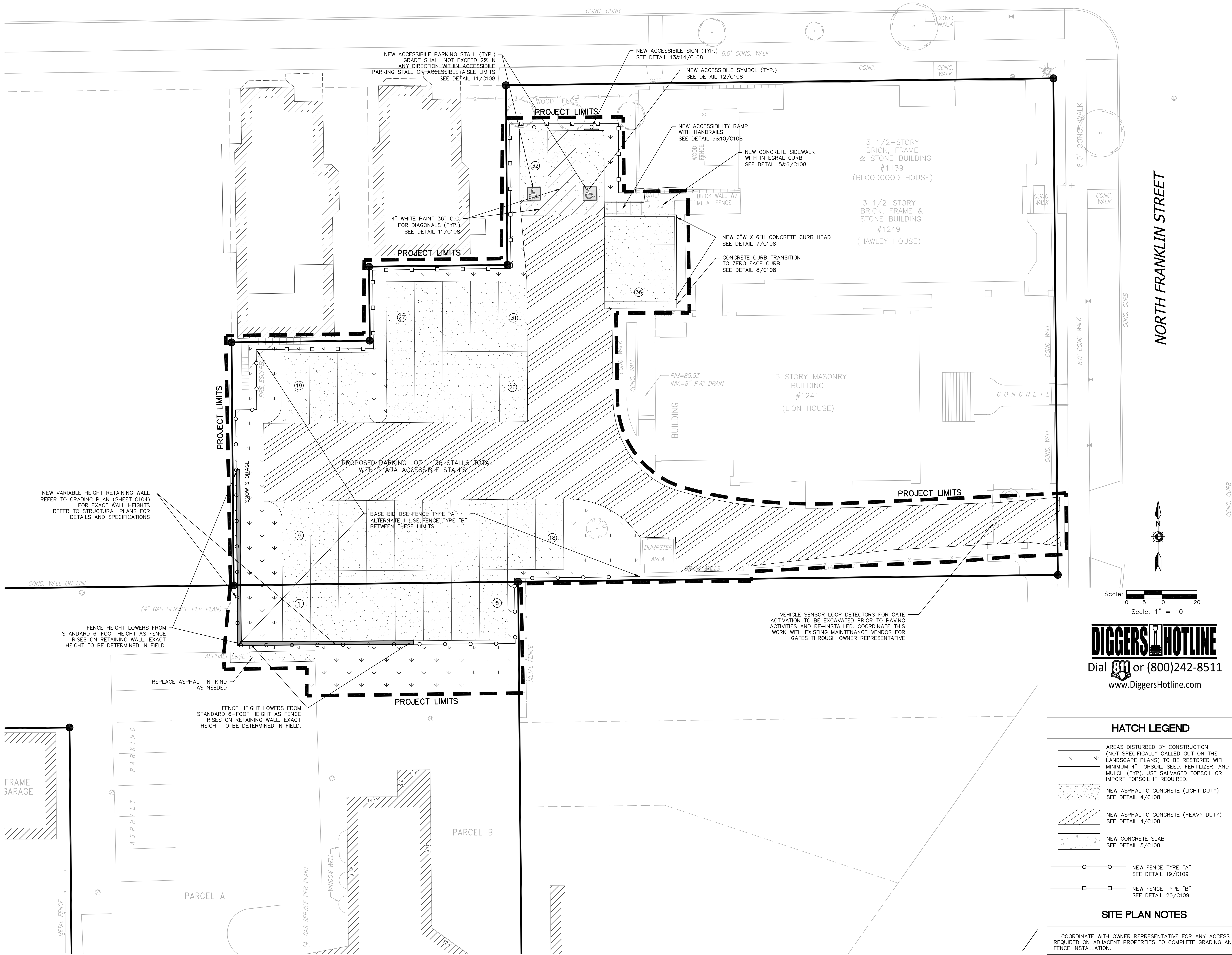
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EAST KNAPP STREET



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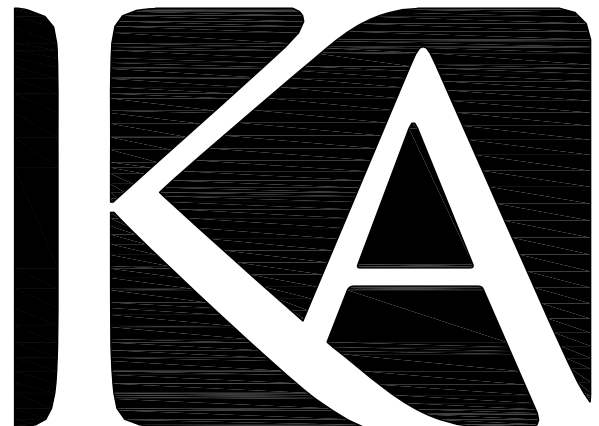
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PROJECT
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SHEET
SITE PLAN

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C102



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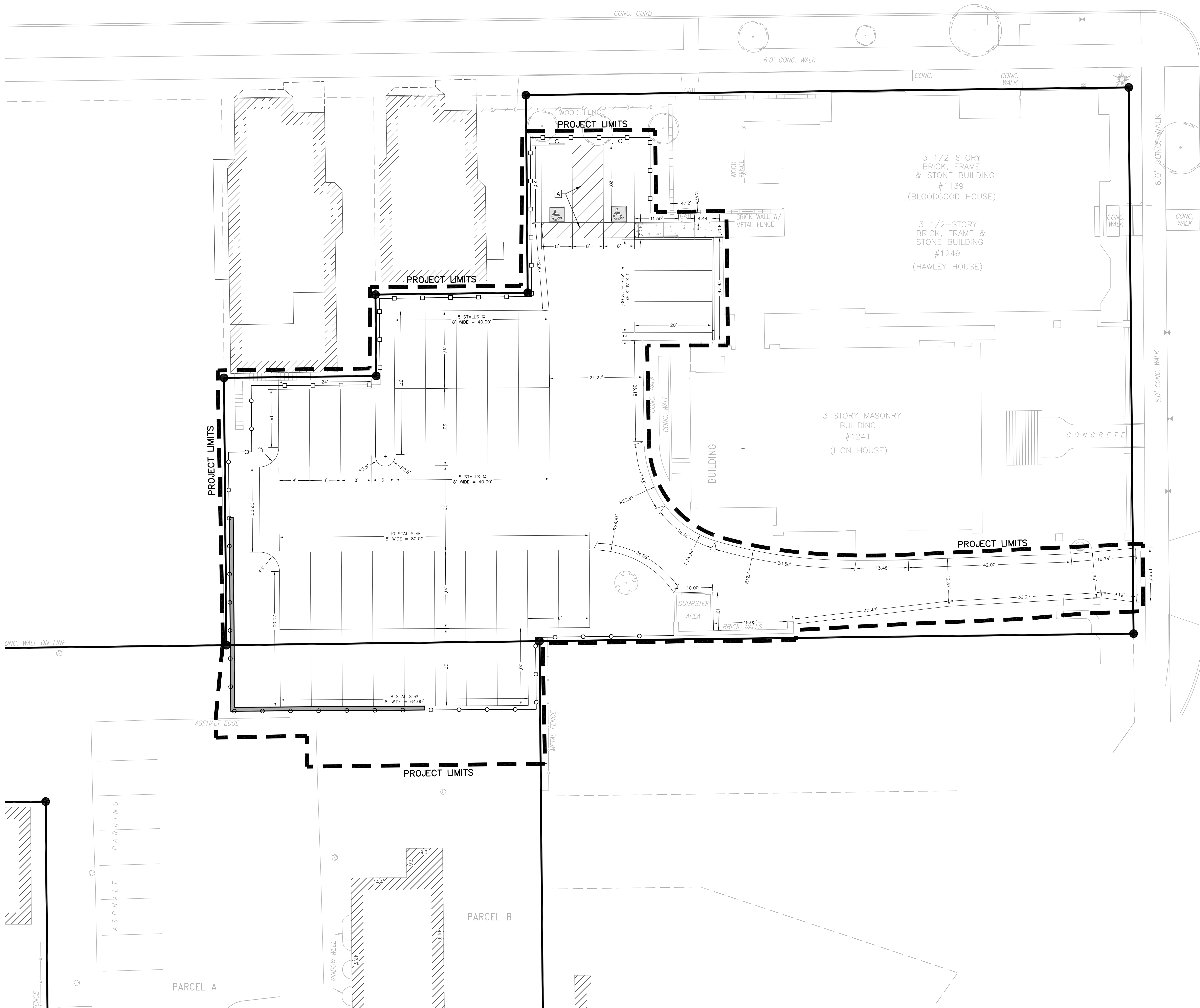
HATCH LEGEND

- AREAS DISTURBED BY CONSTRUCTION (NOT SPECIFICALLY CALLED OUT ON THE LANDSCAPE PLANS) TO BE RESTORED WITH MINIMUM 4" TOPSOIL, SEED, FERTILIZER, AND MULCH (TYP). USE SALVAGED TOPSOIL OR IMPORT TOPSOIL IF REQUIRED.
- NEW ASPHALTIC CONCRETE (LIGHT DUTY) SEE DETAIL 4/C108
- NEW ASPHALTIC CONCRETE (HEAVY DUTY) SEE DETAIL 4/C108
- NEW CONCRETE SLAB SEE DETAIL 5/C108
- NEW FENCE TYPE "A" SEE DETAIL 19/C109
- NEW FENCE TYPE "B" SEE DETAIL 20/C109

SITE PLAN NOTES

1. COORDINATE WITH OWNER REPRESENTATIVE FOR ANY ACCESS REQUIRED ON ADJACENT PROPERTIES TO COMPLETE GRADING AND FENCE INSTALLATION.

EAST KNAPP STREET



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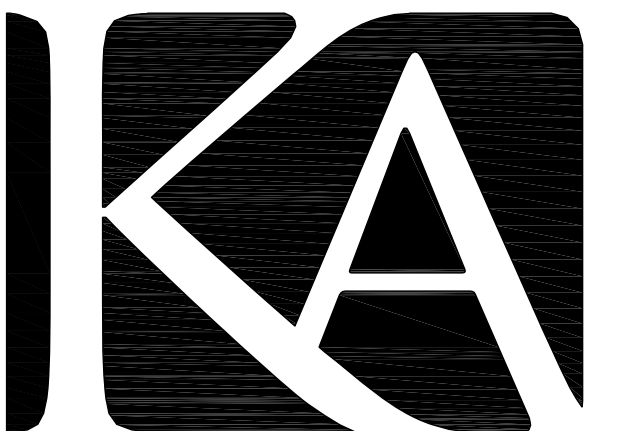
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PROJECT LYNDE AND HARRY BRADLEY FOUNDATION PARKING

1241 NORTH
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SHEET SITE GEOMETRIC PLAN

DATE
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16-109

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C103

Scale: 0 5 10 20
Scale: 1" = 10'

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PAVEMENT MARKING LEGEND

A PAVEMENT MARKING CROSSWALK,
LATEX PAVEMENT MARKING PAINT, WHITE,
4-INCH WIDE DIAGONAL STRIPING, 3' O.C.
SPACING



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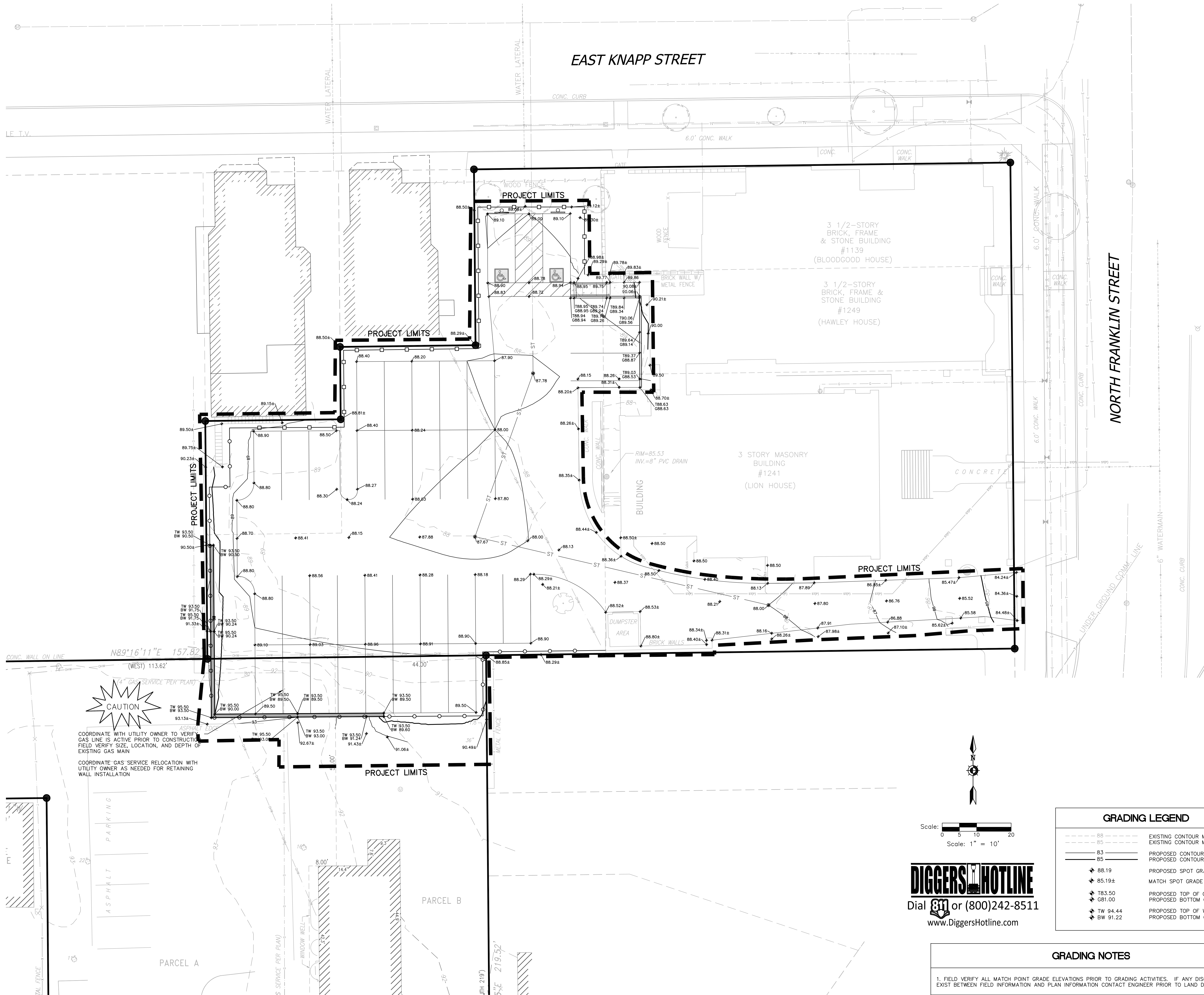
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SHEET

SITE GRADING PLAN

SHEET NO. _____

C104

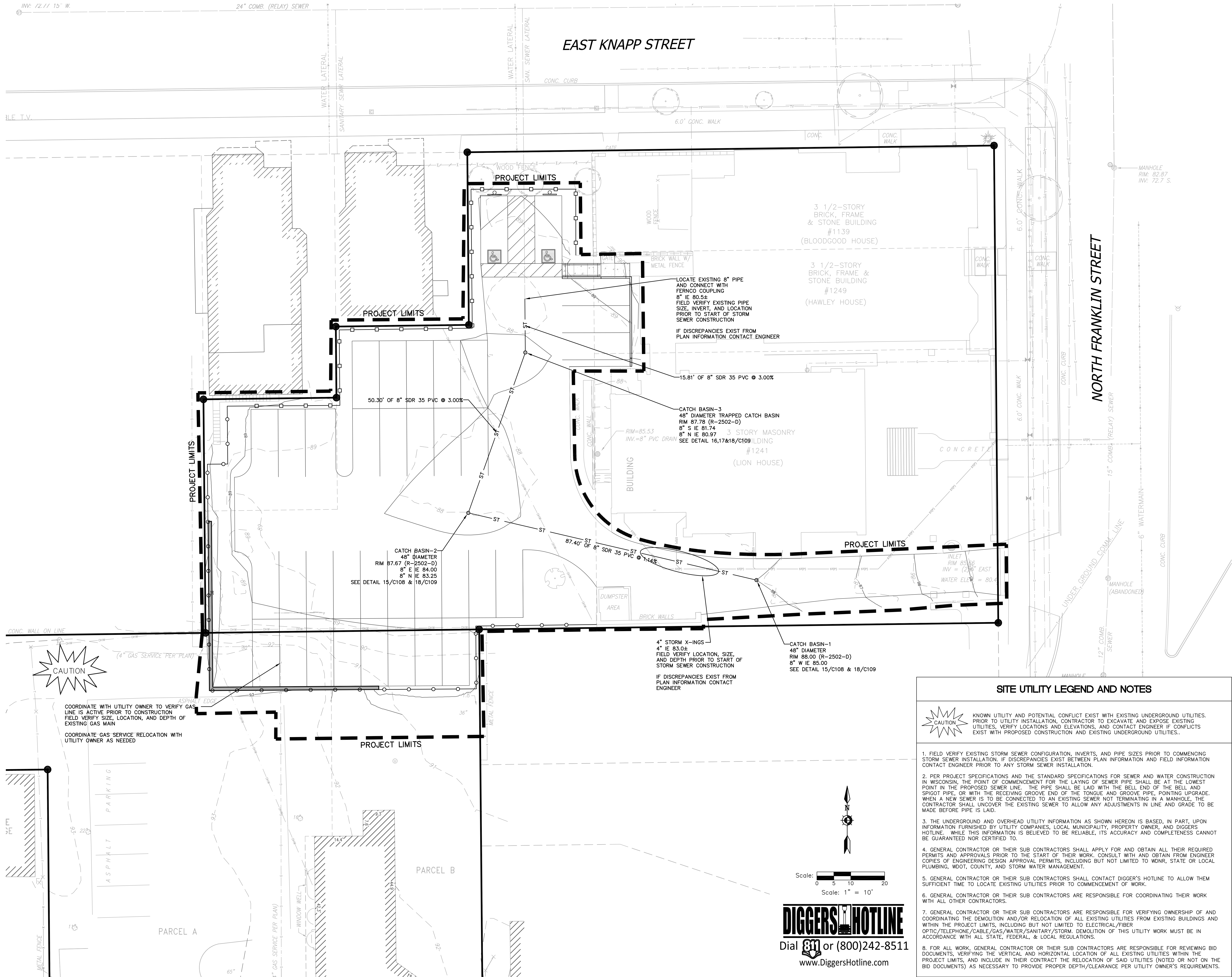


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GRADING LEGEND	
--- 88 ---	EXISTING CONTOUR MINOR
--- 85 ---	EXISTING CONTOUR MAJOR
===== 83 =====	PROPOSED CONTOUR MINOR
===== 85 =====	PROPOSED CONTOUR MAJOR
◆ 88.19	PROPOSED SPOT GRADE
◆ 85.19±	MATCH SPOT GRADE (FIELD VERIFY)
◆ T83.50	PROPOSED TOP OF CURB
◆ 981.00	PROPOSED BOTTOM OF CURB
◆ TW 94.44	PROPOSED TOP OF WALL
◆ BW 91.22	PROPOSED BOTTOM OF WALL

GRADING NOTES

1. FIELD VERIFY ALL MATCH POINT GRADE ELEVATIONS PRIOR TO GRADING ACTIVITIES. IF ANY DISCREPANCIES EXIST BETWEEN FIELD INFORMATION AND PLAN INFORMATION CONTACT ENGINEER PRIOR TO LAND DISTURBANCE.





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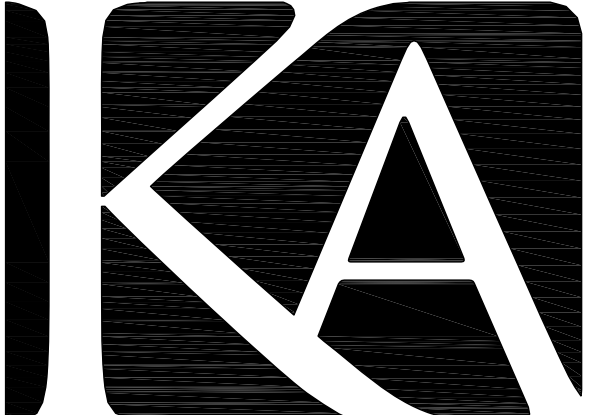
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SITE UTILITY PLAN

DATE

MAY 11, 2016

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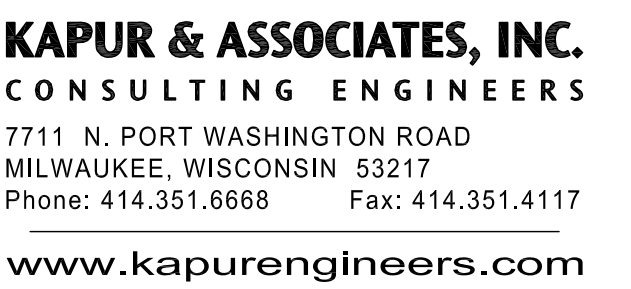
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SITE EROSION CONTROL PLAN

DATE _____

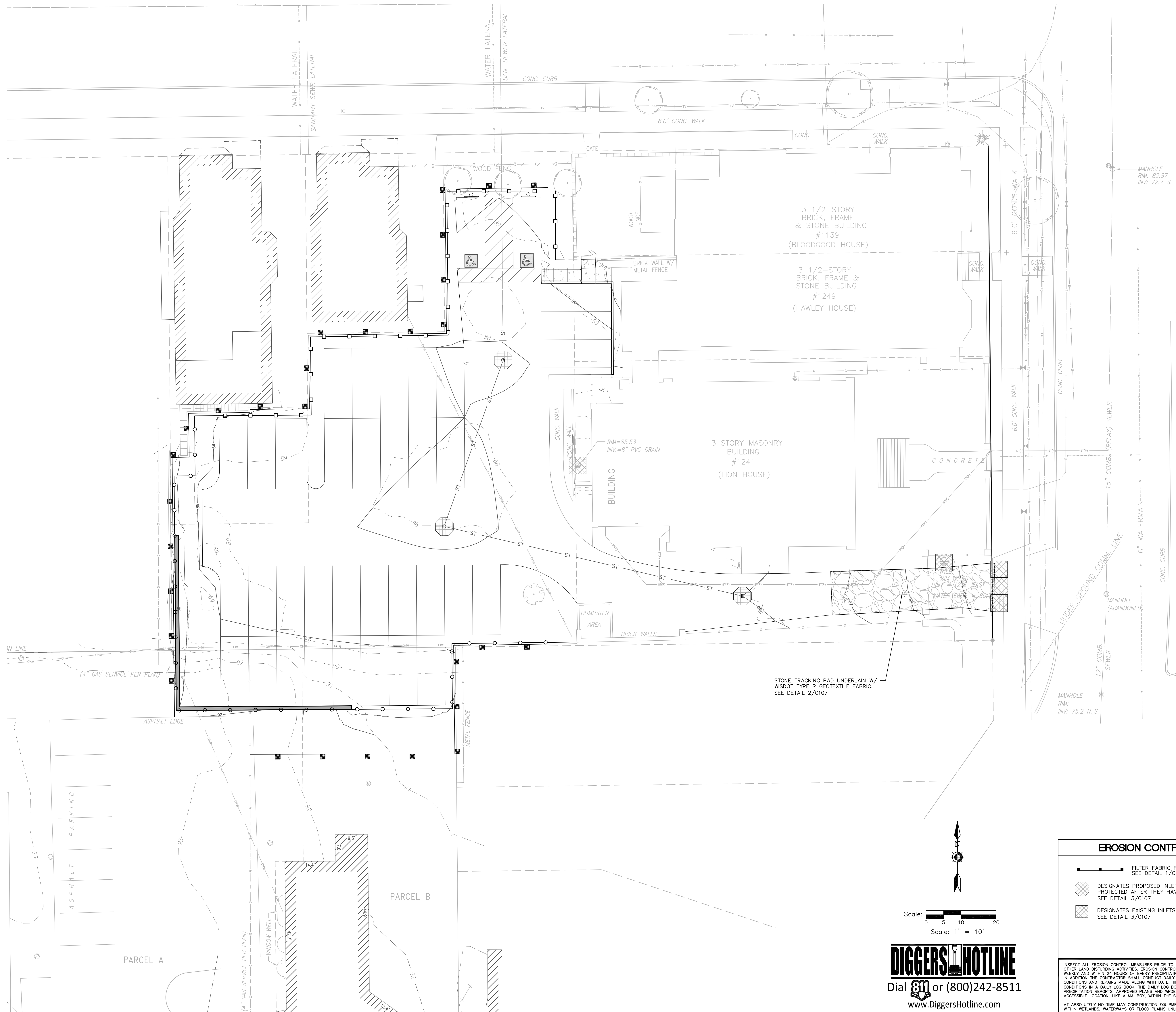
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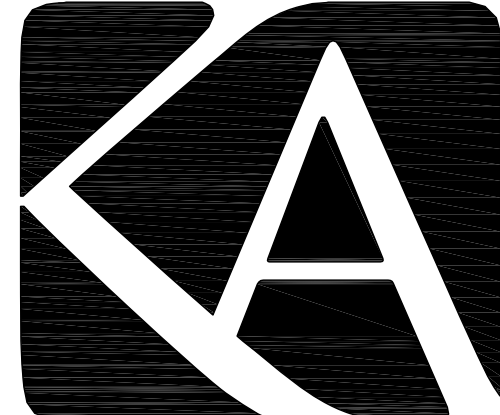
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SITE DETAILS

DATE

MAY 11, 2016

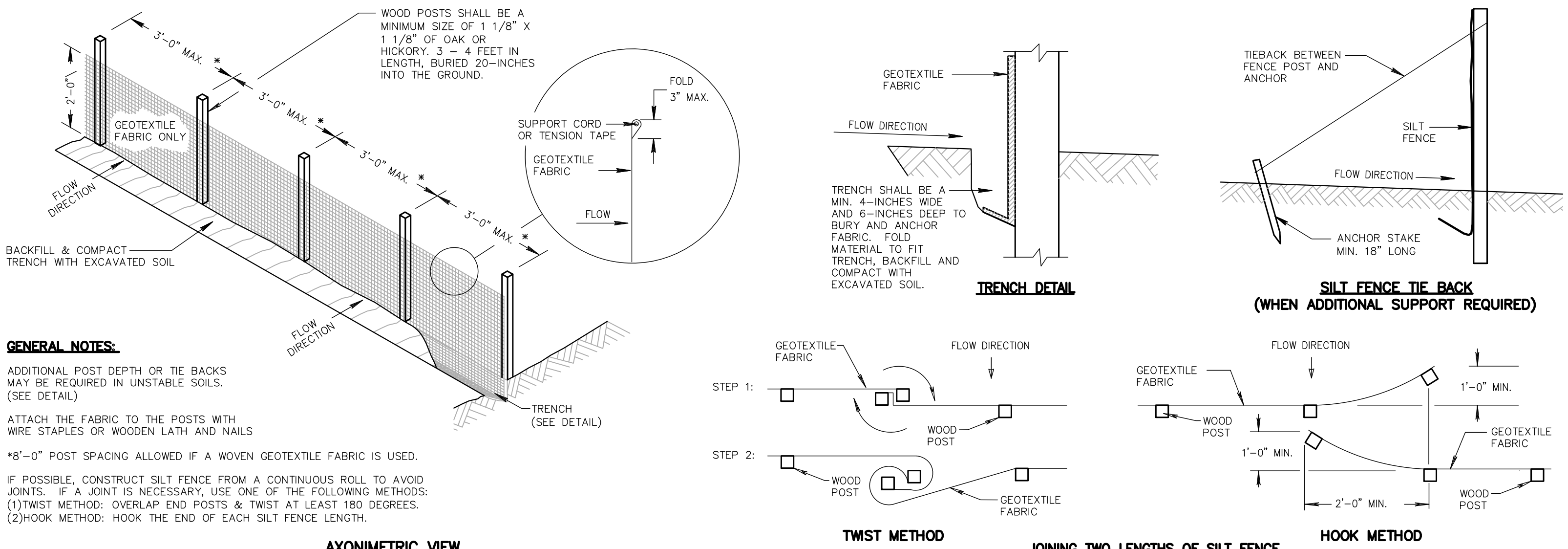
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EROSION CONTROL MEASURES

- CONTRACTOR TO INSTALL AND MAINTAIN EROSION CONTROL MEASURES AS INDICATED ON THIS PLAN AND PER THE LATEST WDNR TECHNICAL STANDARDS. TECHNICAL STANDARDS MAY BE VIEWED ONLINE AT:
<http://dnr.wi.gov/runoff/pdft/stormwater/techstds.htm>
- INLETS AND CATCH BASINS SHALL BE PROTECTED WITH INLET FILTERS THAT ARE DESIGNED IN WITH CONSTRUCTION TO REDUCE SEDIMENT FROM ENTERING THESE AREAS PER WDNR TECHNICAL STANDARD 1060 AS FOLLOWS:
 - ALL FABRIC BARRIERS SELECTED FOR INLET/CATCH BASIN PROTECTION DEVICES SHALL BE SELECTED FROM THE LIST OF APPROVED FABRICS CERTIFIED FOR INLET PROTECTION, GEOTEXTILE FABRIC, TYPE FF IN THE CURRENT EDITION OF THE MOST PRODUCT ACCEPTABILITY LIST. TO OBTAIN THE P.A.L. PLEASE REFER TO THIS WEBSITE:
<http://www.dot.wiscnrs.gov/business/engserv/pal.htm>
 - INLET PROTECTION SHALL BE AT A MINIMUM INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EVERY PRECIPITATION EVENT OF ½ INCH OR GREATER DURING A 24-HOUR PERIOD.
 - PLACEMENT OF SPOIL MATERIAL, DEBRIS, SOLS, ETC. ON TOP OF INLETS/CATCH BASINS, EVEN IF TEMPORARY, IS STRICTLY DISCOURAGED AND PROHIBITED.
 - SEDIMENT DEPOSITS SHALL BE REMOVED AND THE INLET PROTECTION DEVICE RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED BETWEEN 1/3 TO ½ THE DESIGN DEPTH OF THE DEVICE, OR WHEN THE DEVICE IS NO LONGER FUNCTIONING PER MANUFACTURER'S SPECIFICATIONS. ALL SEDIMENT COLLECTED SHALL BE PROPERLY DISPOSED OF TO PREVENT DISCHARGE INTO AREA WATERWAYS AND WETLANDS.
 - DUE CARE SHALL BE TAKEN TO ENSURE SEDIMENT DOES NOT FALL INTO THE INLETS/CATCH BASINS AND IMPEDE THE INTENDED FUNCTION OF THE DEVICE. ANY MATERIAL FALLING INTO THE INLET/CATCH BASIN SHALL BE REMOVED AND PROPERLY DISPOSED OF PER NOTE D ABOVE.
 - INLET FILTERS MAY BE REMOVED AND PROPERLY DISPOSED OF UPON COMPLETION OF CONSTRUCTION, HAULING OR MOVEMENT OF CONSTRUCTION EQUIPMENT THROUGHOUT THE SITE, AND ONCE THE SITE IS ADEQUATELY STABILIZED, UNLESS AS OTHERWISE NOTIFIED BY THE WDNR.
- A TRACKING PAD SHALL BE INSTALLED AS SHOWN ON THE PLAN SHEET PRIOR TO THE START OF CONSTRUCTION TO REDUCE OFF-SITE SEDIMENTATION BY ELIMINATING THE TRACKING OF SEDIMENT FROM THE SITE PER WDNR TECHNICAL STANDARD 1057 AS FOLLOWS:
 - A WISDOT TYPE R GEOTEXTILE FABRIC SHALL BE USED TO PREVENT MIGRATION OF UNDERLYING SOIL INTO THE STONE.
 - AGGREGATE USED FOR TRACKING PADS SHALL BE 3 TO 6 INCH CLEAR OR WASHED STONE. ALL MATERIAL TO BE RETAINED BY 3 INCH SIEVE.
 - THE AGGREGATE SHALL BE PLACED IN A LAYER ON TOP OF THE TYPE R GEOTEXTILE FABRIC AT LEAST 12 INCHES THICK.
 - THE TRACKING PAD SHALL BE THE FULL WIDTH OF THE FORECAST POINT AND BE AT LEAST 50 FEET LONG.
 - VEHICLES TRAVELING ACROSS THE TRACKING PAD SHALL MAINTAIN A SLOW CONSTANT SPEED.
 - ANY SEDIMENT OR ROCK ACCUMULATION ONTO LOCAL ROADWAYS SHALL BE REMOVED BY STREET CLEANING, NOT FLUSHING BEFORE THE END OF EACH WORKING DAY.
 - THE TRACKING PAD SHALL, AT A MINIMUM BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EVERY PRECIPITATION EVENT OF ½ INCH OF RAIN OR MORE DURING A 24-HOUR PERIOD.
 - THE TRACKING PAD PERFORMANCE SHALL BE MAINTAINED BY SCRAPING OR TOP-DRESSING WITH ADDITIONAL AGGREGATE.
 - A MINIMUM 12-INCH THICK PAD SHALL BE MAINTAINED.
- THE CONSTRUCTION SITE PERIMETER AND TOPSOIL STOCKPILE AREA SHALL BE PROTECTED WITH SILT FENCE AS SHOWN ON THE PLAN SHEET PRIOR TO THE START OF CONSTRUCTION TO INTERCEPT AND REDUCE THE FLOW OF SEDIMENT-LADEN SHEET FLOW RUNOFF FROM THE CONSTRUCTION SITE PER WDNR TECHNICAL STANDARD 1056 AS FOLLOWS:
 - SILT FENCE ENDS SHALL BE EXTENDED UPSLOPE TO PREVENT WATER FROM FLOWING AROUND THE ENDS OF THE FENCE AS SHOWN ON THE PLAN SHEET.
 - INSTALLED SILT FENCE SHALL BE A MINIMUM 14 INCHES HIGH AND SHALL NOT EXCEED 28 INCHES IN HEIGHT MEASURED FROM THE INSTALLED GROUND ELEVATION.
 - SILT FENCE SHALL BE SUPPORTED BY EITHER STEEL OR WOOD SUPPORT POSTS.
 - THE MAXIMUM SPACING OF POSTS FOR NONWOVEN SILT FENCE SHALL BE 3 FEET OR FOR WOVEN FABRIC 8 FEET.
 - SILT FENCE SHALL HAVE A SUPPORT CORD AT THE TOP OF THE FENCE.
 - WHERE JOINTS ARE NEEDED, EACH END OF THE FABRIC SHALL BE SECURELY FASTENED TO A POST. THE POSTS SHALL BE WRAPPED AROUND EACH OTHER TO PRODUCE A STABLE AND SECURE JOINT FOR SHALL BE OVERLAPPED THE DISTANCE BETWEEN TWO POSTS.
 - A MINIMUM OF 20 INCHES OF THE POSTS SHALL EXTEND INTO THE GROUND AFTER INSTALLATION.
 - SILT FENCE SHALL BE ANCHORED BY SPREADING AT LEAST 8 INCHES OF THE FABRIC IN A 4 INCH WIDE BY 6 INCH DEEP TRENCH, OR 6 INCH DEEP V-TRENCH ON THE UPSLOPE SIDE OF THE FENCE. THE TRENCH SHALL BE BACKFILLED AND COMPACTED. TRENCHES SHALL NOT BE EXCAVATED ANY DEEPER THAN NECESSARY FOR PROPER INSTALLATION.
 - ON THE TERMINAL ENDS OF THE SILT FENCE THE FABRIC SHALL BE WRAPPED AROUND THE POST SUCH THAT THE STAPLES ARE NOT VISIBLE.
 - GEOTEXTILE FABRIC SPECIFICATIONS SHALL MEET VALUES ESTABLISHED IN TECHNICAL STANDARD 1056.
 - SILT FENCE SHALL BE REMOVED ONCE THE SITE IS ADEQUATELY STABILIZED.
 - WHEN PLACING SILT FENCE NEAR TREES, CARE SHALL BE TAKEN TO MINIMIZE DAMAGE TO THE ROOT SYSTEM BY AVOIDING COMPACTION AND ROOT CUTTING WITHIN 1.5 FEET MULTIPLIED BY THE INCH DIAMETER OF THE TREE.
 - THE CONTRACTOR MAY FURTHER STRENGTHEN THE SILT FENCE BY USING HAY BALES ON THE DOWN SLOPE SIDE AS NEEDED.
 - SILT FENCE SHALL AT A MINIMUM BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EVERY PRECIPITATION EVENT THAT PRODUCES ½ INCH OF RAIN OR MORE DURING A 24-HOUR PERIOD.
 - DAMAGED OR DECOMPOSED SILT FENCE, UNDERCUTTING, OR FLOW CHANNELS AROUND THE END OF BARRIERS SHALL BE REPAIRED OR CORRECTED.
 - SEDIMENT SHALL BE PROPERLY DISPOSED OF ONCE THE DEPOSITS REACH ½ THE HEIGHT OF THE FENCE TO PREVENT DISCHARGE INTO AREA WATERWAYS AND WETLANDS.
- A MINIMUM 12-INCH THICK PAD SHALL BE MAINTAINED.



GENERAL NOTES.

ADDITIONAL POST DEPTH OR TIE BACKS MAY BE REQUIRED IN UNSTABLE SOILS. (SEE DETAIL)

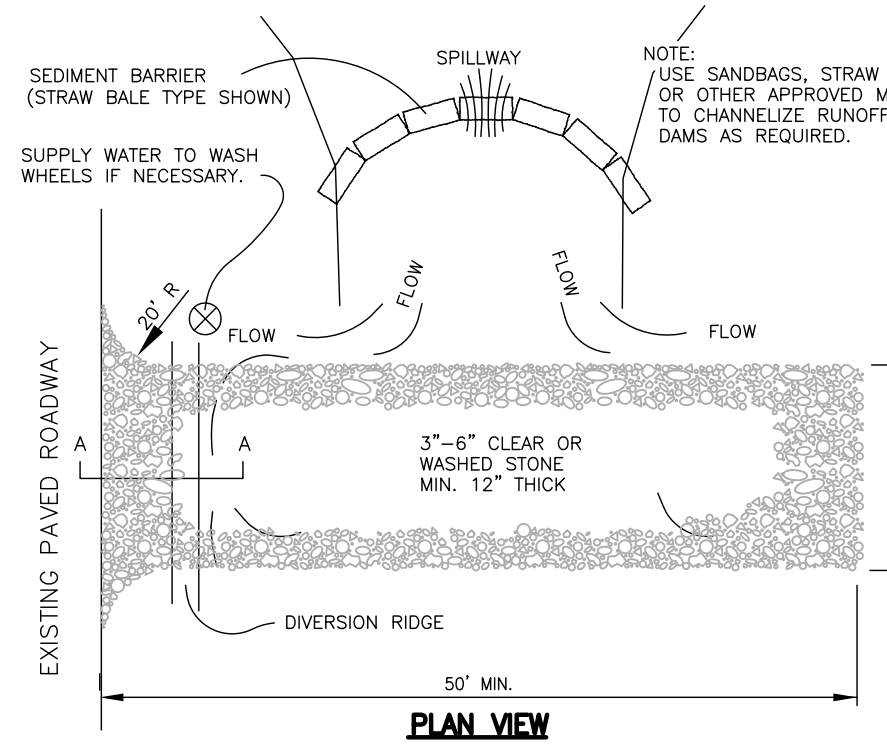
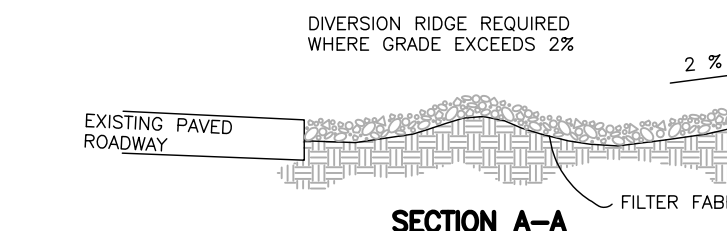
*8'-0\"/>

IF POSSIBLE, CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL TO AVOID JOINTS. IF A JOINT IS NECESSARY, USE ONE OF THE FOLLOWING METHODS:

(1)TWIST METHOD: OVERLAP END POSTS & TWIST AT LEAST 180 DEGREES.

(2)HOOK METHOD: HOOK THE END OF EACH SILT FENCE LENGTH.

AXONOMETRIC VIEW



GENERAL NOTES:

THE AGGREGATE SIZE FOR CONSTRUCTION OF THE PAD SHALL BE 3- TO 6-INCH STONE. PLACE THE GRAVEL TO THE SPECIFIC GRADE DIMENSIONS SHOWN ON THE PLANS & GRADE TO CREATE A SMOOTH SURFACE.

THE THICKNESS OF THE PAD SHALL NOT BE LESS THAN 12 INCHES. USE GEOTEXTILE FABRICS, IF NECESSARY, TO IMPROVE STABILITY OF THE FOUNDATION IN LOCATIONS SUBJECT TO SEEPAGE OR HIGH WATER TABLE.

THE WIDTH OF THE PAD SHALL NOT BE LESS THAN THE FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS. IN ANY CASE SHALL NOT BE LESS THAN 15 FEET WIDE.

THE LENGTH OF THE PAD SHALL BE AS REQUIRED, BUT NOT LESS THAN 50 FEET.

LOCATE CONSTRUCTION ENTRANCES & EXITS TO LIMIT SEDIMENT LEAVING THE SITE & TO PROVIDE FOR MAXIMUM UTILITY BY ALL CONSTRUCTION VEHICLES. AVOID ENTRANCES WHICH HAVE STEEP GRADES & ENTRANCES AT CURVES IN PUBLIC ROADS.

THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND, & REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.

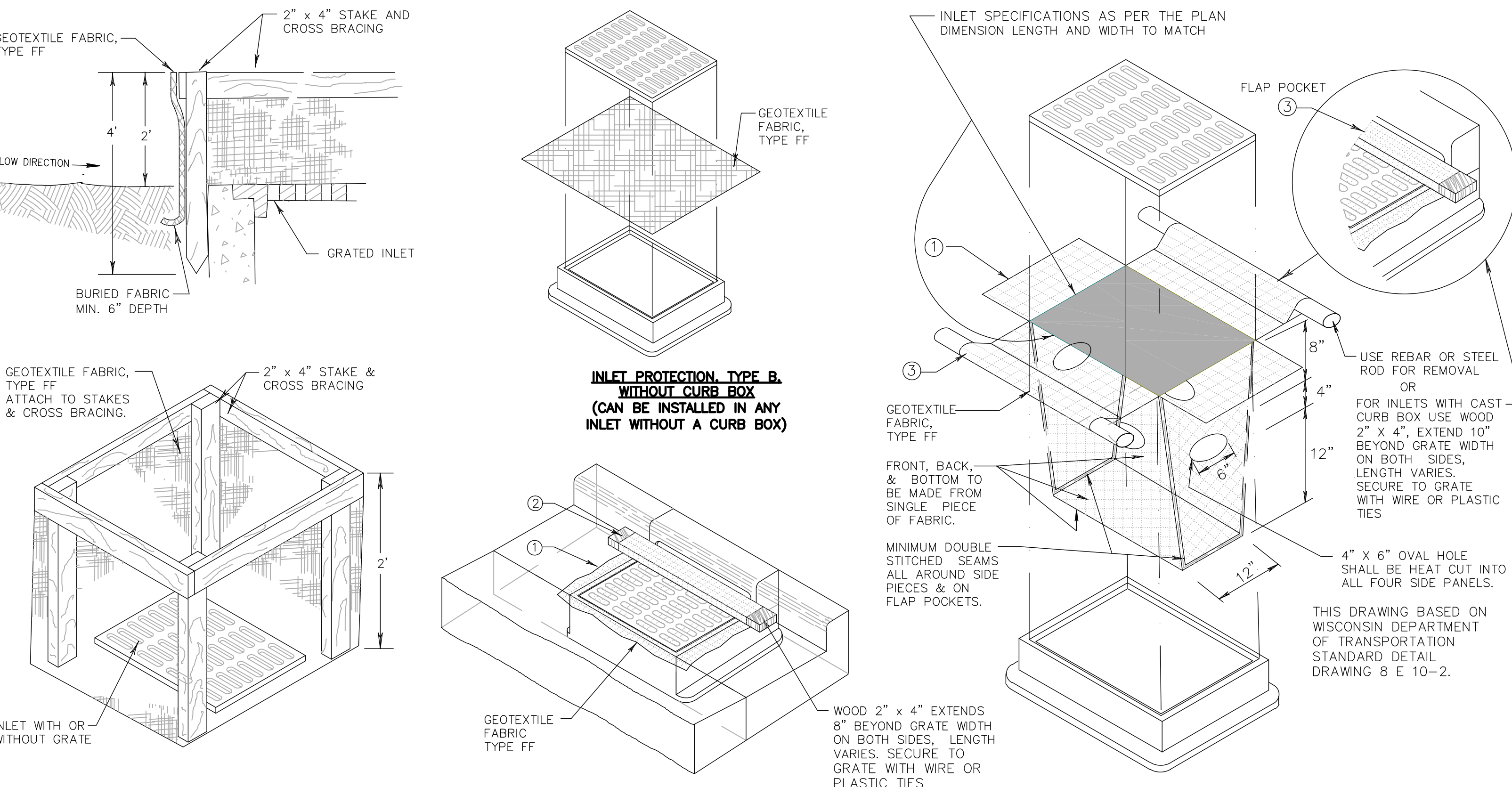
ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY SHALL BE REMOVED IMMEDIATELY.

PROVIDE DRAINAGE TO CARRY WATER TO A SEDIMENT TRAP OR OTHER SUITABLE OULET.

WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, DESIGNATE AN AREA WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

1 FILTER FABRIC SILT FENCE DETAIL N.T.S.

2 STONE TRACKING CONSTRUCTION ENTRANCE N.T.S.



INLET PROTECTION, TYPE A

GENERAL NOTES

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.

FINISHED SIDE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10\"/>

FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18\"/>

STAPLES, THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INLET PROTECTION, TYPE C, WITH CURB BOX

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3\"/>

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3\"/>

BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3\"/>

WHERE NECESSARY THE CONTRACTOR SHALL ONCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3\"/>

THE TIES SHALL BE PLACED AT A MAXIMUM OF 4\"/>

3 INLET PROTECTION DETAIL N.T.S.

DEWATERING PLAN

TO FACILITATE CONSTRUCTION AT THE PROJECT SITE, DEWATERING MAY TAKE PLACE BY THE SELECTED CONTRACTOR. CONTRACTOR TO FOLLOW THESE INSTRUCTIONS WHILE PERFORMING DEWATERING ACTIVITIES ON-SITE.

NOTE: THESE INSTRUCTIONS DO NOT APPLY TO WATER BEING DISCHARGED DIRECTLY TO GROUNDWATER OR KARST FEATURES OR WELL DEWATERING SYSTEMS. CONTRACTOR SHALL COORDINATE ACCORDINGLY FOR OTHER DEWATERING ACTIVITIES AS DEEMED NECESSARY WITH THE WDNR.

- THE CONTRACTOR SHALL ENSURE THAT THE DEWATERING PRACTICES CARRIED OUT MEET OR EXCEED WDNR TECHNICAL STANDARD NUMBER 1061.
- A PAN OR OTHER CONTAINMENT DEVICE SHALL BE PLACED UNDERNEATH THE PUMP TO CAPTURE ANY SPILLS, OILS, GASOLINE, ETC. SHALL NOT BE STORED WITHIN WETLANDS, NEAR THE STORMWATER POND, OR OTHER ON-SITE WATER AREAS.
- A TYPE 2 GEOTEXTILE BAG THAT IS NO SMALLER THAN 100 SQUARE FEET; HAS A MAXIMUM APPARENT OPENING SIZE OF 0.212 mm; HAS A GRAB TENSILE STRENGTH OF 300 LBS; MULLEN BURST OF 580 PSI; PERMEABILITY OF 0.2 CM/SEC; FABRIC WEIGHT OF 12 OZ SHALL BE USED. THE GEOTEXTILE BAG AREA AND DOWNGRADE FLOW AREA SHALL CONSIST OF VEGETATED AND UNDISTURBED SOILS.
- POLYMER APPROVED BY THE WDNR MEETING WDNR TECHNICAL STANDARD 1051 MAY BE USED IN COMBINATION WITH THE DEWATERING BAG IF THE DEWATERING BAG IS NOT DOING AN ADEQUATE JOB ALONE OF FILTERING SEDIMENTS. THE CONTRACTOR SHALL SUPPLY TOXICITY TESTING DATA TO THE WDNR BEFORE USE ON-SITE FOR WDNR APPROVAL. POLYMER SHALL NOT BE DIRECTLY APPLIED TO SURFACE WATER. CONTRACTOR SHALL OBTAIN THE POLYMER MATERIAL SAFETY DATA SHEETS (MSDS) FOR THE SELECTED POLYMER, MANUFACTURER'S INFORMATION AND WDNR USE RESTRICTIONS (SEE TECHNICAL STANDARD 1051) AND KEEP ALL THIS INFORMATION ON-SITE. CONTRACTOR SHALL ADHERE TO MANUFACTURER AND WDNR'S APPLICATION RATES FOR THE POLYMER. THE APPLICATION RATE SHALL NOT EXCEED THE WDNR USE RESTRICTION, EVEN IF THIS IS THE RECOMMENDED RATE BY THE MANUFACTURER. THE CONTRACTOR SHALL TAKE STEPS TO ENSURE THAT THE POLYMER IS NOT SPILLED. THE MANUFACTURER'S RECOMMENDED CLEANUP PROCEDURES SHALL BE FOLLOWED IN THE EVENT OF A SPILL.
- A TARP MAY BE UTILIZED UNDERNEATH THE TYPE 2 GEOTEXTILE BAG AND SLOPE DOWN OF THE BAG TO DISCOURAGE EROSION AND SCOUR.
- A FLOATING STATION HOSE OR OTHER FLOTATION METHOD SHALL BE UTILIZED WHEN PUMPING FROM AN AREA WITH STANDING WATER TO AVOID SUCKING SEDIMENT FROM GRADE.
- IF TURBID WATER IS LEAVING THE GEOTEXTILE BAG, THE CONTRACTOR SHALL SHUT OFF THE PUMP TO ALLOW SEDIMENTS TO SETTLE INTO THE BAG. CONTRACTOR SHALL FOLLOW THE MANUFACTURER'S SPECIFICATIONS FOR DETERMINING THE SEDIMENT CAPACITY OF THE GEOTEXTILE BAG USING GOOD COMMON SENSE. SEDIMENT LEVELS CONTAINED IN THE BAG SHALL BE MONITORED TO MEASURE THE LOSS OF STORAGE CAPACITY OVER TIME. THE CONTRACTOR SHALL PROPERLY DISPOSE OF THE GEOTEXTILE BAG IN A WASTE RECEPTACLE ONCE IT IS NO LONGER USED.
- DURING DEWATERING ACTIVITIES THE CONTRACTOR SHALL MONITOR DEWATERING PRACTICES AND KEEP A LOG OF THE FOLLOWING:
 - DISCHARGE DURATION AND SPECIFIED PUMPING RATE.
 - OBSERVED WATER TABLE AT TIME OF DEWATERING.
 - MAINTENANCE ACTIVITIES
 - NAME AND QUANTITY OF POLYMER USED. PRODUCT TYPE.
 - APPLICATION RATE OF POLYMER IN POUNDS/ACRE FEET OF WATER.
 - DATE AND TIME APPLIED.
 - WEATHER CONDITIONS DURING APPLICATION.
 - METHOD OF APPLICATION.

THIS LOG NEEDS TO BE KEPT ON SITE FOR WDNR REGULATORY REVIEW. COPIES OF THIS DOCUMENTATION SHOULD BE KEPT IN THE CONTRACTOR'S MONITORING LOG AND MADE AVAILABLE UPON REQUEST.

REVIEW THE FOLLOWING FOR MORE INFORMATION:

WDNR TECHNICAL STANDARD 1061 FOR DEWATERING –

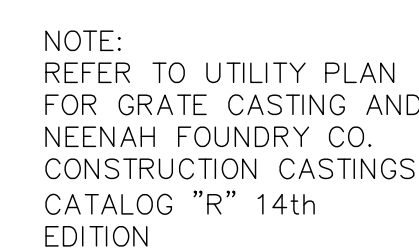
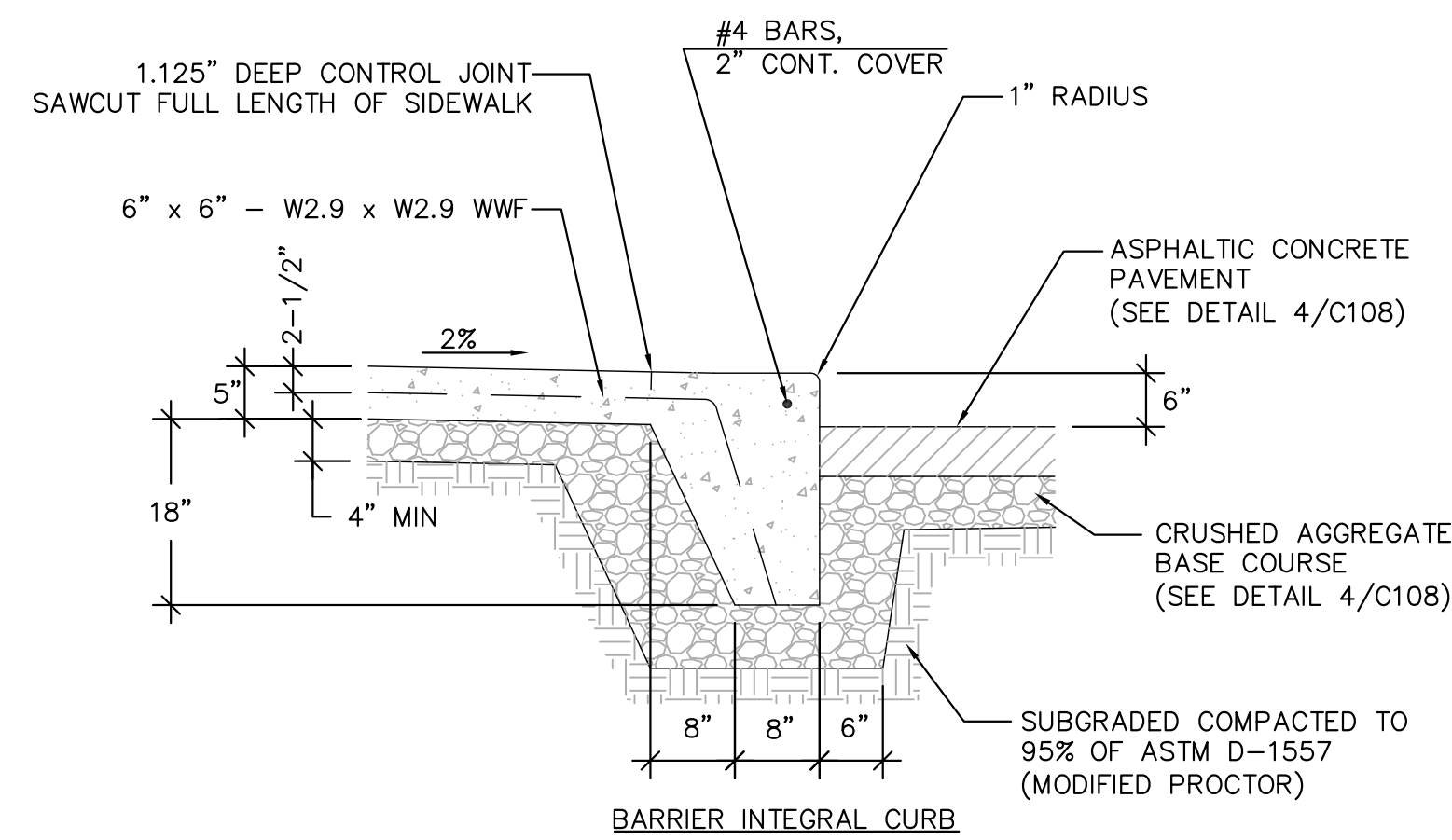
<http://dnr.wi.gov/runoff/pdft/stormwater/techstds/erosion/Dewatering-1061.pdf>

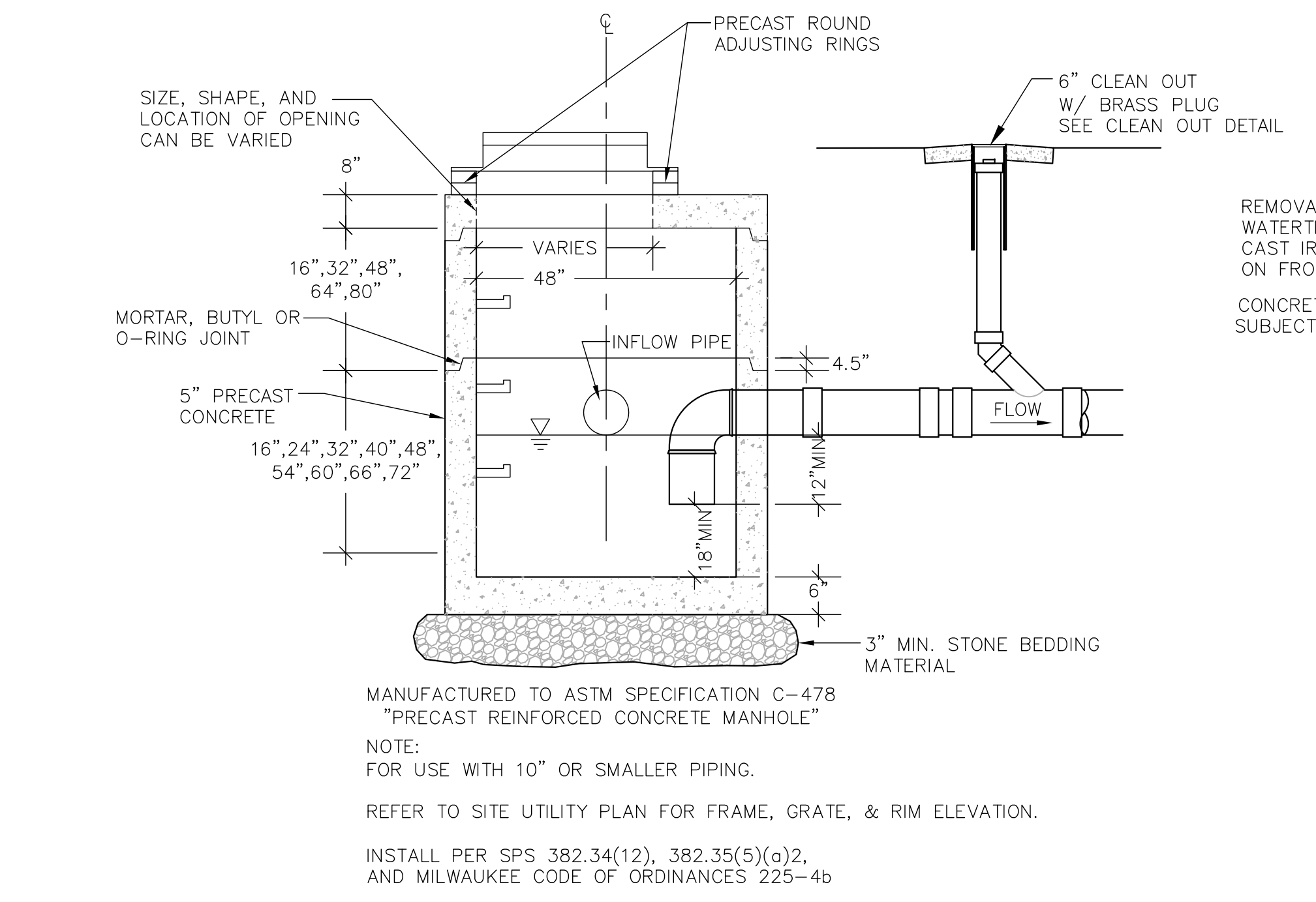
WDNR TECHNICAL STANDARD 1051 FOR POLYMER –

<http://dnr.wi.gov/runoff/pdft/stormwater/techstds/erosion/Dewatering-1061.pdf>

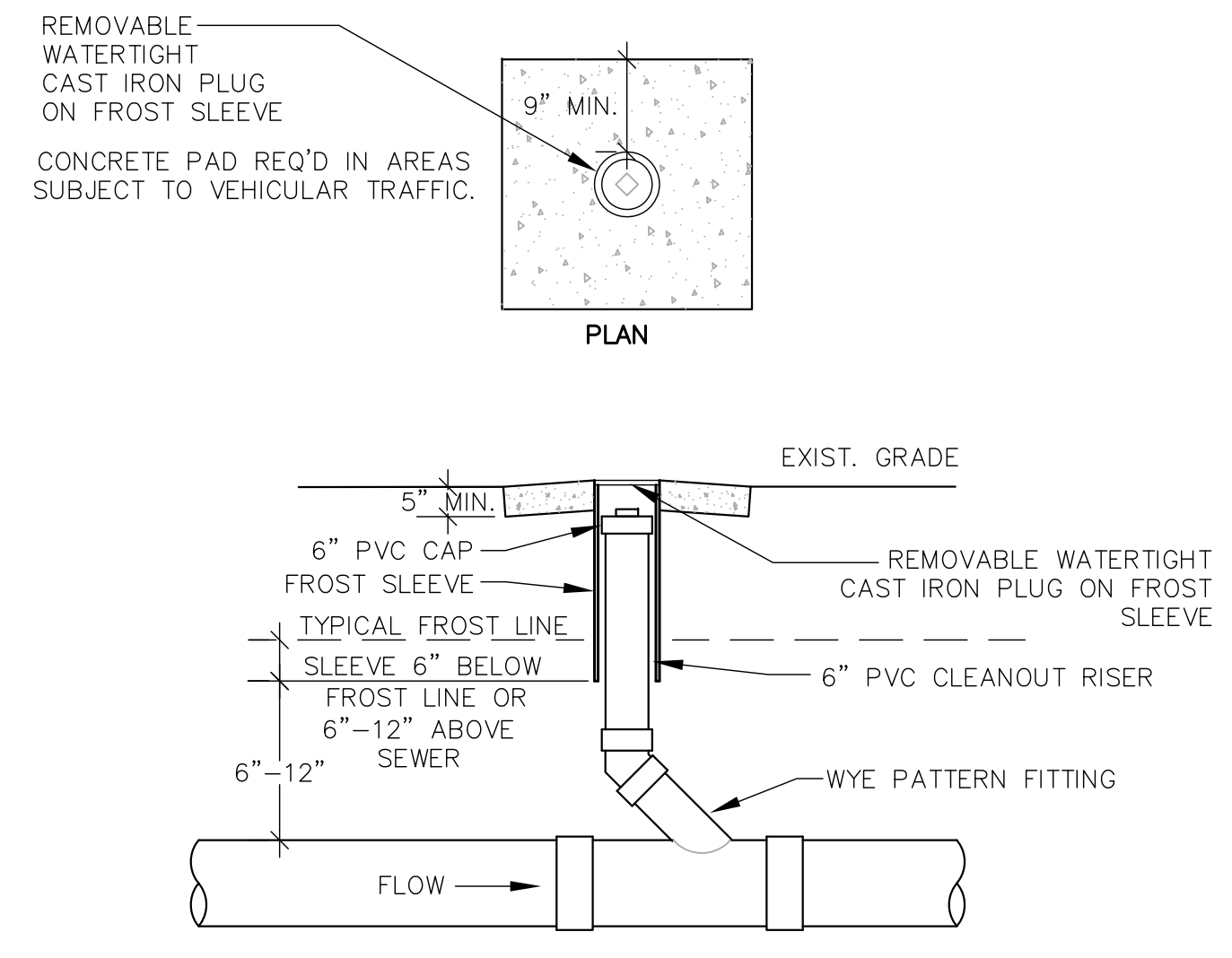
INSPECT ALL EROSION CONTROL MEASURES PRIOR TO COMMENCING GRADING, GRUBBING OR OTHER LAND DISTURBING ACTIVITIES. EROSION CONTROL MEASURES MUST BE INSPECTED WEEKLY AND WITHIN 24 HOURS OF EVERY PRECIPITATION EVENT OF 0.50 INCH OR GREATER. IN ADDITION, THE CONTRACTOR SHALL CONDUCT DAILY INSPECTIONS AND DOCUMENT CONDITIONS AND REPAIRS MADE, ALONG WITH DATE, TIME OF INSPECTION AND WEATHER CONDITIONS IN A DAILY LOG BOOK. THE DAILY LOG BOOK, WEEKLY 0.50 INCH PRECIPITATION REPORTS, APPROVED PLANS WPDES PERMIT & CHAPTER 30 PERMIT SHALL BE KEPT IN AN ACCESSIBLE LOCATION, LIKE A MAILBOX, WITHIN THE STAGING AREA.

AT ABSOLUTELY NO TIME MAY CONSTRUCTION EQUIPMENT, DEBRIS, FILL, ETC. BE PLACED WITHIN WETLANDS, WATERWAYS OR FLOODPLAINS UNLESS IDENTIFIED IN THE PLANS & APPROVED BY DNR/USACE.

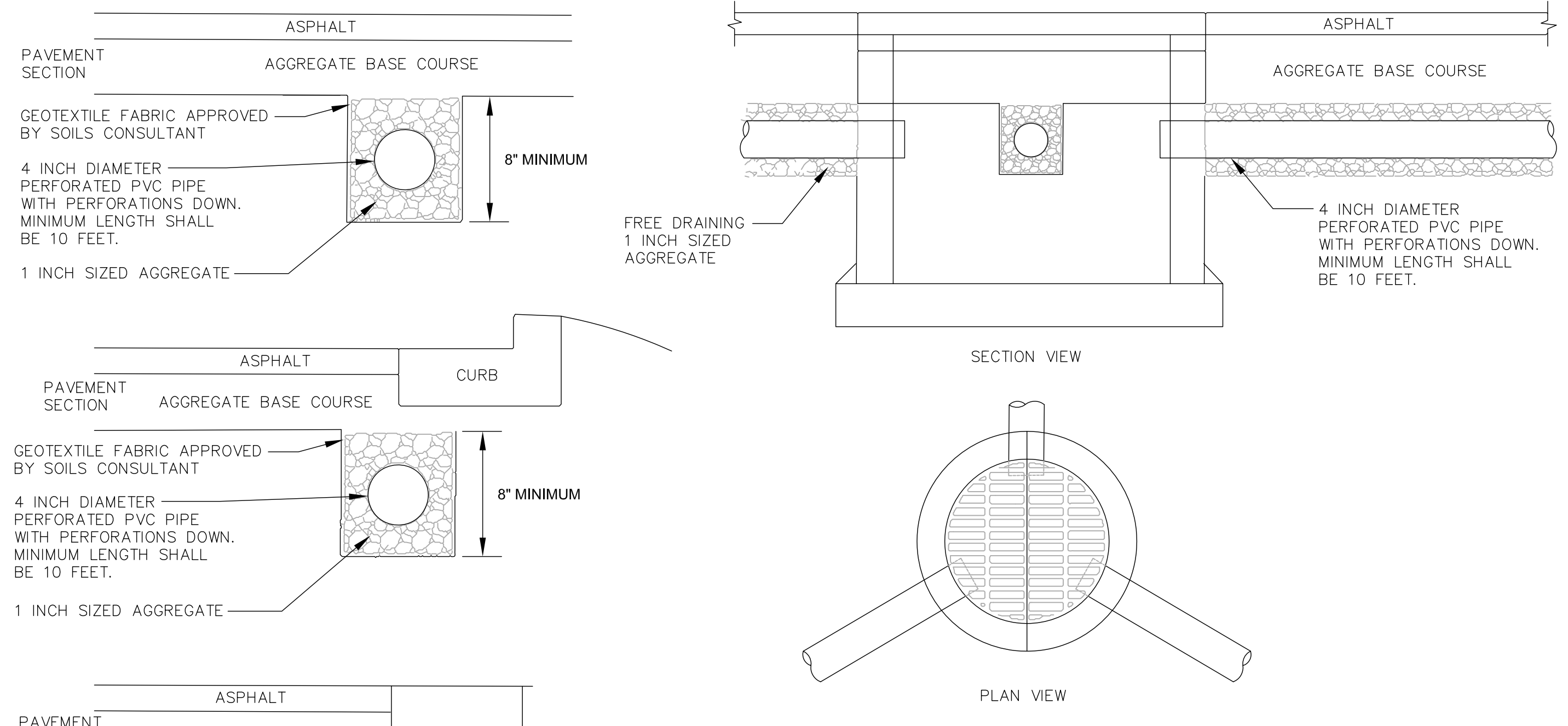




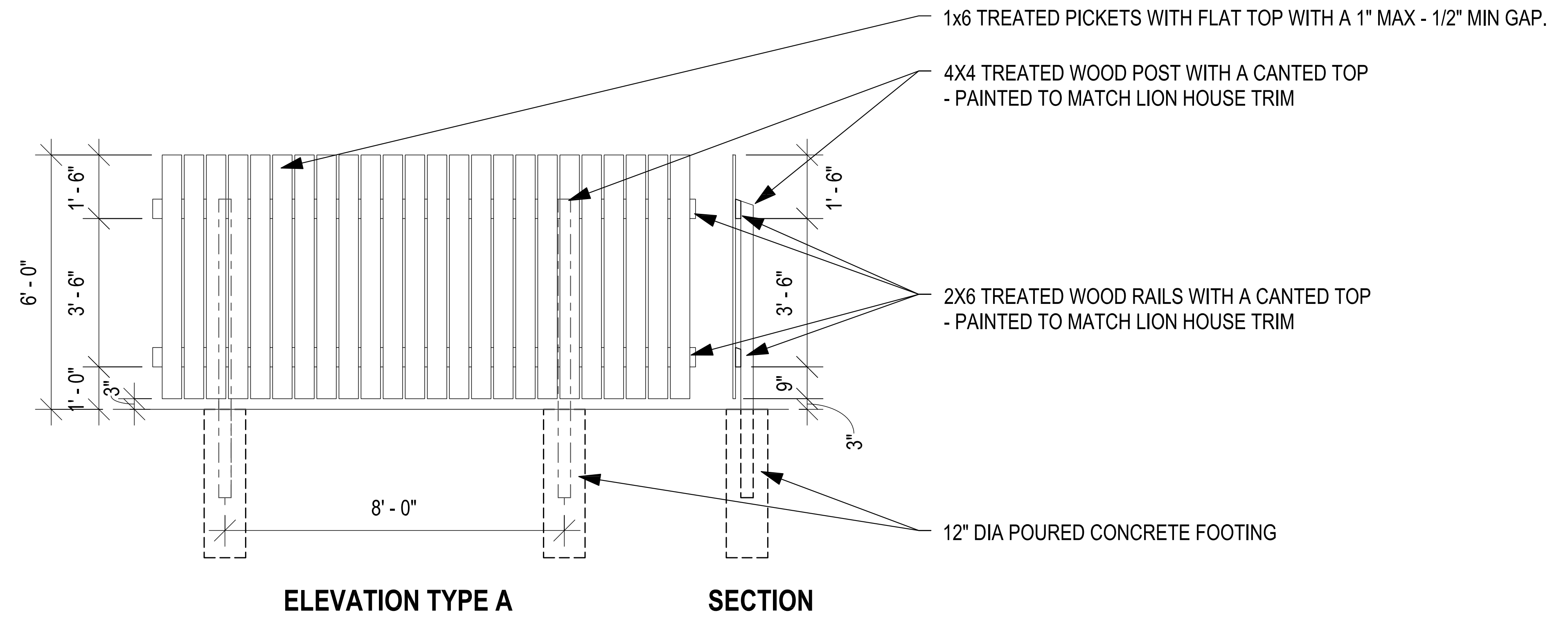
16 48-INCH DIAMETER TRAPPED MANHOLE/CATCH BASIN WITH ROUND
N.T.S. FRAME & GRATE FOR USE WITH OUTLET PIPES 10" OR SMALLER



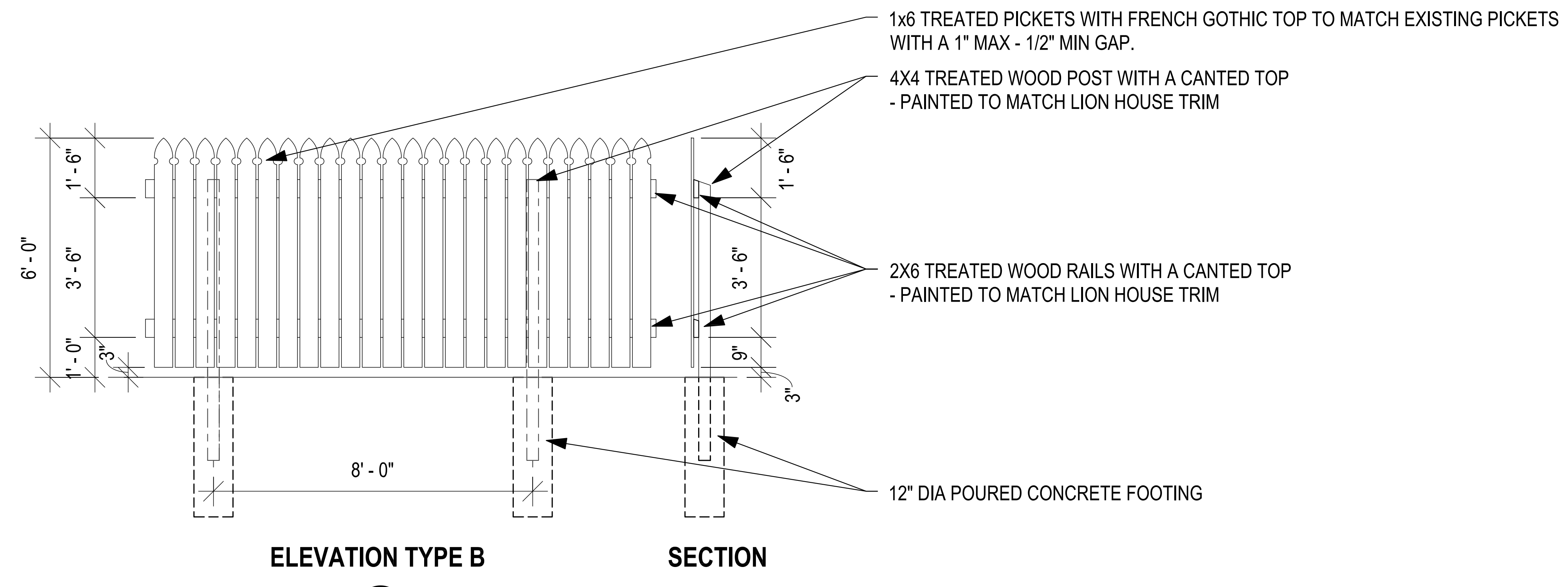
17 CLEAN OUT
N.T.S.



18 PAVEMENT DRAINTILE SUBDRAINAGE SYSTEM
N.T.S.



19 FENCE TYPE "A"
N.T.S.



20 FENCE TYPE "B"
N.T.S.



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REVISIONS		
No.	Date	Description



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PROJECT
**LYNDE AND
HARRY BRADLEY
FOUNDATION
PARKING**

1241 NORTH
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MILWAUKEE, WI 53202

SHEET

SITE DETAILS

DATE
MAY 11, 2016

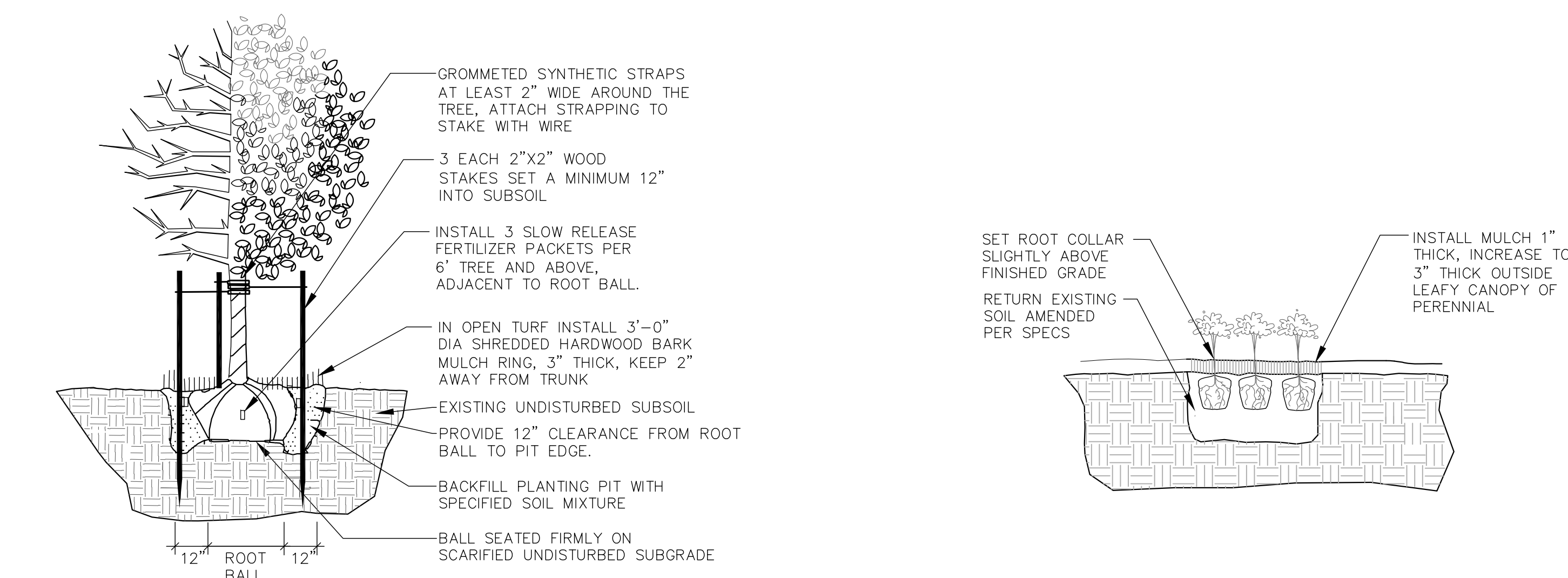
PROJECT NO.
16-109

SHEET NO.

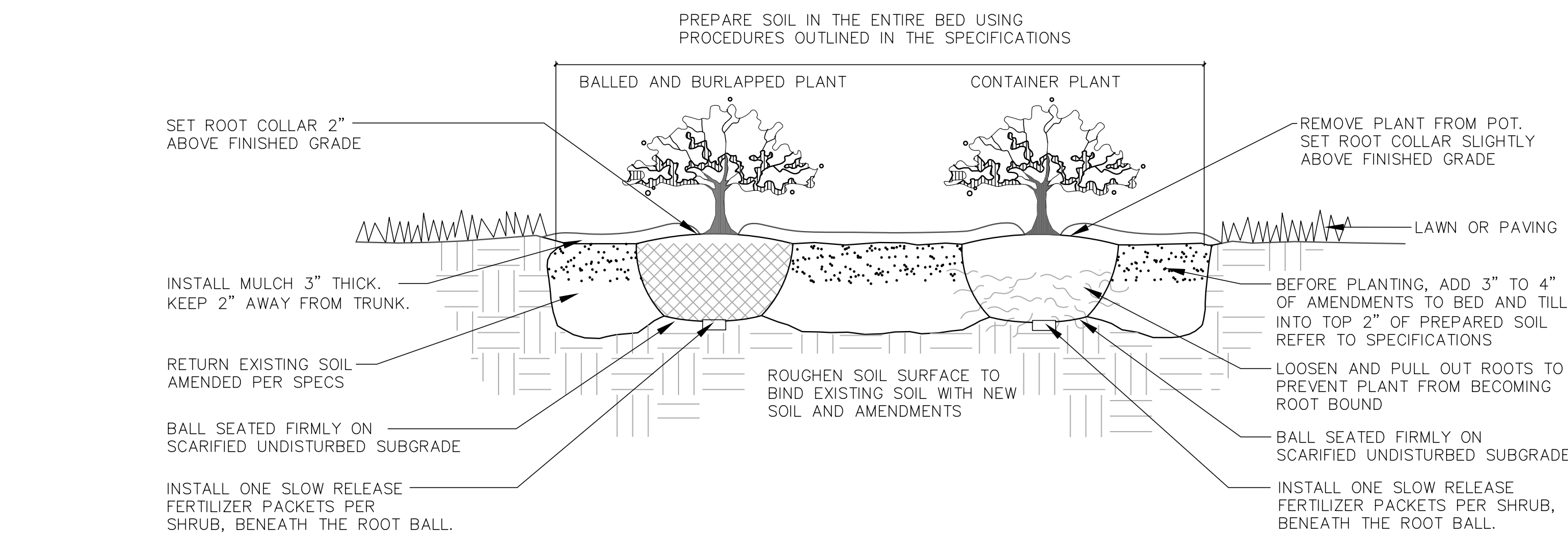


1. ALL PLANT MATERIAL SHALL BE OBTAINED FROM A NURSERY LOCATED IN ZONE 5, CONFORM TO APPLICABLE REQUIREMENTS OF THE CURRENT EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, AND BOTANICAL NAMES SHALL BE ACCORDING TO THE CURRENT EDITION OF "STANDARDIZED PLANT NAMES PREPARED BY THE AMERICAN JOINT COMMITTEE ON HORTICULTURAL NOMENCLATURE.
2. CONTRACTOR TO PROVIDE TO THE LANDSCAPE ARCHITECT SAMPLES OF ALL BARK AND MINERAL/STONE MULCHES, DECORATIVE GRAVELS, MAINTENANCE STRIP STONE, OR OTHER GROUND COVER MATERIALS FOR APPROVAL PRIOR TO INSTALLATION.
3. BARK MULCH TO BE FRESHLY ACQUIRED HARDWOOD SHREDDED BARK MULCH. NOT DOUBLE MILLED, EXCESSIVE DIRT AND DUST LIKE MATERIAL OR OLD MATERIAL IS NOT ACCEPTABLE.
4. LANDSCAPE EDGING TO BE ALUMINUM EDGING, REFER TO SPECIFICATION 32 93 00 PLANTS FOR ADDITIONAL INFORMATION.
5. ALL PLANTING AREAS TO RECEIVE A 3-INCH THICK LAYER OF MISSISSIPPI RIVER STONE OR EQUIVALENT OVER TYPAR WEED FABRIC WITH EDGING. EDGING TO BE INSTALLED BETWEEN DIFFERENT TYPES OF MULCHES, BETWEEN MULCHES AND TURF, AND/OR WHERE SPECIFICALLY NOTED ON THE PLAN. REFER TO SPECIFICATION 32 93 00 PLANTS FOR ADDITIONAL INFORMATION.
6. INSTALL SHOVEL CUT EDGE AROUND ALL INDIVIDUAL TREES AND SHRUBS IN LAWN AREAS AND ALONG PAVEMENT WHERE PLANTING AREAS ADJUT TO PREVENT HARDWOOD SHREDDED BARK MULCH FROM SPILLING OUT OF PLANTING AREA.
7. CONTRACTOR RESPONSIBLE FOR MAINTENANCE OF PLANT MATERIAL FOR 90 DAYS FROM INSTALLATION, INCLUDING WATERING, WEEDING, ETC. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF SEEDED AREAS FOR 60 DAYS FROM INSTALLATION, INCLUDING WATERING, WEEDING, ETC. CONTRACTOR TO PROVIDE AND REVIEW MAINTENANCE INSTRUCTIONS WITH THE OWNER PRIOR TO THE COMPLETION OF THESE MAINTENANCE PERIODS. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
8. CLEANLY PRUNE AND REMOVE DAMAGED BRANCHES, DEAD WOOD, AND ROOTS IMMEDIATELY PRIOR TO PLANTING. DO NOT CUT LEADERS OR LEAVE "V" CROTCHES OR DOUBLE LEADERS UNLESS A MULTI-STEM TREE IS SPECIFIED.
9. REMOVE BURLAP, WIRE BASKET, ROPE, TWINE, AND ALL SYNTHETIC MATERIAL FROM THE ROOTS, TRUNK, OR CROWN OF PLANT.
10. REMOVE EXCESS SOIL ABOVE ROOT COLLAR.
11. PLANT TREES AND SHRUBS SO THAT THE ROOT COLLAR IS 2" ABOVE FINISHED GRADE OR SEVERAL INCHES ABOVE GRADE IF PLANT IS INSTALLED IN POOR SOILS.
12. PLANT TREES AND SHRUBS WITH SAME ORIENTATION AS WHEN HARVESTED FROM THE NURSERY OR TO SHOWCASE THE MOST AESTHETIC VIEW.
13. PLANT ALL TREES WITH THREE SLOW RELEASE FERTILIZER PACKETS, SPACED EQUIDISTANT AROUND THE EDGE OF THE ROOT BALL.
14. PLANT ALL SHRUBS WITH ONE SLOW RELEASE FERTILIZER PACKET, PLACED BELOW THE ROOTING SYSTEM.
15. WATER AND TAMP BACKFILL AND ROOTS OF ALL NEWLY SET PLANT MATERIAL SO THE SOIL AND ROOTS ARE THOROUGHLY SOAKED AND AIR POCKETS ARE REMOVED.
16. FOR INDIVIDUAL TREES & SHRUBS PLANTED IN TURF AREAS, PROVIDE CONTINUOUS 3" SOIL SAUCER TO CONTAIN WATER & MULCH (TREES ON SLOPES SHALL BE SAUCERED ON THE DOWNHILL SIDE)
17. INSTALL 3" THICK SHREDDED HARDWOOD BARK MULCH RING 3'-0" DIA. FOR DECIDUOUS TREES AND ALL INDIVIDUAL SHRUBS IN LAWN AREAS, 5'-0" DIA. FOR EVERGREEN TREES. KEEP MULCH 2" AWAY FROM TRUNKS.
18. STAKING - ONLY STAKE EVERGREEN TREES 5'-0" OR GREATER IN HEIGHT OR TREES THAT ARE UNABLE TO REMAIN UPRIGHT AFTER PLANTING. TREES WILL BECOME STRONGER FASTER WHEN THE TOP 2/3 OF THE TREE IS FREE TO SWAY. DO NOT ATTACH WIRE DIRECTLY TO TREES OR THROUGH HOSES - UTILIZE GROMMETED, SYNTHETIC STRAPS AT LEAST 2" WIDE AROUND THE TREE, ATTACH STRAPPING TO STAKE WITH WIRE, STAKE ONLY WHEN NECESSARY. STAKES SHOULD BE DRIVEN DEEPLY INTO THE GROUND TO PREVENT SLIDING. CHECK AT LEAST EVERY THREE MONTHS FOR BINDING OR OTHER PROBLEMS. STAKES AND TIES SHOULD BE REMOVED SIX MONTHS TO ONE YEAR AFTER PLANTING.
19. REFER TO SPECIFICATIONS 32 93 00 PLANTS AND 32 92 00 TURF AND GRASSES FOR ADDITIONAL INFORMATION.

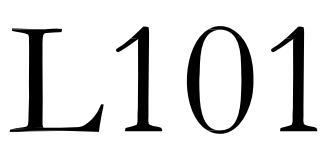
2) REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION



N.T.S.



3 N.T.S



LIGHTING FIXTURE SCHEDULE												K&K CONSULTING	
DES.	DESCRIPTION	LAMP DATA		VOLT	DEPTH	LIGHTING FIXTURE			BALLAST TYPE	MTG.	MTG. SURF	SEE NOTE LF	
		NO.	TYPE			MFR.	SERIES	OPTIONS/ACCESSORIES					
OA	21.75"x15.5"Wx4"H LUMINAIRE ON 15' SQ POLE/2'H AFG BASE TYPE II DSI MOTION SENSOR FOR DIM. OPER.	—	LED(INCLUDED) 5272 LUMENS 56 WATTS 4000K, 70CRI	UNV	—	McGraw Edison	GLEON/AE/01/LED /E1/12/MS/DM/ /L20/FSIR-100 SERIES	03,18,26 DIMMING OPERATION	DDRV	SURF	CONC BASE	4	
OB	21.75"x15.5"Wx4"H LUMINAIRE ON 15' SQ POLE/3'H AFG BASE TYPE III DISTRIBUTION MOTION SENSOR FOR DIM. OPER.	—	LED(INCLUDED) 5374 LUMENS 56 WATTS 4000K, 70CRI	UNV	—	McGraw Edison	GLEON/AE/01/LED /E1/13/MS/DM/ /L20/FSIR-100 SERIES	03,18,26 DIMMING OPERATION	DDRV	SURF	CONC BASE	4	
OC	21.75"x15.5"Wx4"H LUMINAIRE ON 15' SQ POLE/3'H AFG BASE TYPE V NARROW DISTRIBUTION MOTION SENSOR FOR DIM. OPER.	—	LED(INCLUDED) 5542 LUMENS 56 WATTS 4000K, 70CRI	UNV	—	McGraw Edison	GLEON/AE/01/LED /E1/5NQ/MS/DM/ /L20/FSIR-100 SERIES	03,18,26 DIMMING OPERATION	DDRV	SURF	CONC BASE	4	
OD	21.75"x15.5"Wx4"H LUMINAIRE ON 15' SQ POLE/3'H AFG BASE 90DEG SPILL LIGHT ELIM. LEFT MOTION SENSOR FOR DIM. OPER.	—	LED(INCLUDED) 4722 LUMENS 56 WATTS 4000K, 70CRI	UNV	—	McGraw Edison	GLEON/AE/01/LED /E1/SLV/MS/DM/ /L20/FSIR-100 SERIES	03,18,26 DIMMING OPERATION	DDRV	SURF	CONC BASE	4	
ABBREVIATIONS:													
AR	AS REQUIRED	GRD	GROUND	NA	NOT APPLICABLE	S	STANDARD (HID)	VAR	VARIABLES				
CONC. BASE	CONCRETE BASE	OVP	OVYIELD	PS	PULSE START BALLAST	S	SPECIAL	VAR	VARIABLES				
E	ELECTRONIC	LYG	LENGTH AS SHOWN	PND	PENDANT	SURF	STATION SURFACE	DRV	DRIVER				
EXP.	EXPOSED STRUCTURE	LIG	LAY-IN GRID	REC	RECESSED			LAS	LENGTH AS SHOWN	DDRV	LED DIMMABLE DRIVER		
OPTIONS/ACCESSORIES CODE LISTING:													
01.	0.125" PATTERN 12 ACRYLIC LENS	10.	CUSTOM COLOR	21.	QUARTZ RESTRIKE								
02.	HOLOPHANE 8246 LENS	11.	PENDANT MOUNT	22.	EMERGENCY OPERATION—INTEGRAL NICAD BATTERY								
03.	PAINT AFTER FABRICATION	12.	SAFETY CHAIN	23.	LOCKING TYPE SOCKETS								
04.	SPRING LOADED LATCHES	13.	NEMA HOOK, CORD AND PLUG	24.	SLOPE ADAPTER								
05.	FLUSH ALUMINUM DOOR FRAME	14.	WIRE GUARD	25.	TWO BALLAST COVERS								
06.	ELECTRONIC BALLAST, TOTAL HARMONIC DISTORTION < 10%	15.	TOP AND BOTTOM LENSING	26.	STANDARD FINISH TO BE SELECTED BY ARCHITECT								
07.	FLUORESCENT DIMMING BALLAST	16.	TIME DELAY	27.	277/24 VOLT TRANSFORMER								
08.	WHITE TRIM RING	17.	WET LOCATION LABEL	28.	LEAD-CALCIUM BATTERY								
09.	SEMI-DIFFUSE, LOW-IRIDESCENT CLEAR ALZAK REFLECTOR	19.	DAMP LOCATION CONSTRUCTION	29.	INCLUDE SELF-DIAGNOSTICS								
		20.	FURNISH WITH UNIVERSAL ARROWS AND RED STENCIL FACE										

LIGHTING FIXTURE NOTES:
NOTES LF1 – LF24 ARE GENERAL NOTES APPLICABLE TO ENTIRE LIGHTING FIXTURE SCHEDULE WHERE APPROPRIATE.
LF1 – PROVIDE ALL NECESSARY COMPONENTS AND ACCESSORIES FOR A COMPLETE OPERATING INSTALLATION PER APPLICABLE CODES AND MANUFACTURER'S RECOMMENDATIONS.
LF2 – CONTRACTOR SHALL REVIEW THE ENTIRE LIGHTING FIXTURE SCHEDULE INCLUDING THE DESCRIPTION AND CATALOG NUMBER. CONTRACTOR SHALL NOTIFY THE A/E OF ANY DISCREPANCIES PRIOR TO BIDDING.
LF3 – VERIFY ALL FINISHES/COLORS OF FIXTURES WITH A/E PRIOR TO ORDERING.
LF4 – REFER TO DETAIL 3/E101.



1 EXISTING CCTV CABLING
No Scale

- Notes:
1. Possible entry location for new CCTV cabling.
2. Note basement ceiling is above grade level.

SYMBOLS LIST NOTE:

ANY SYMBOLS UTILIZED ON THE FLOOR PLANS NOT OTHERWISE ON THE SYMBOLS LIST SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEERS PRIOR TO BIDDING FOR CLARIFICATION.

- POLE MOUNTED LIGHT FIXTURE – SIDE ARM
DUPLEX RECEPTACLE – WP, GFI
PULL BOX – 4"x4"x4" PVC
INDICATES DETAIL NUMBER
SEE DETAIL
INDICATES SHEET NUMBER

ABBREVIATIONS:

A/E	ARCHITECT/ENGINEER	I	INSTALLED
AF	AMP FUSE	IU	INTEGRAL TO UNIT
AFC	AVAILABLE FAULT CURRENT	KW	KILOWATT
AFF	ABOVE FINISHED FLOOR	LIG	LAY-IN GRID
ARCH	ARCHITECT	LOC	LOCATION
AFG	ABOVE FINAL GRADE	LTC	LIGHTING
AR	AS REQUIRED	MAG	MAGNETIC STARTER
AS	AMP SWITCH	MAN	MANUAL STARTER
B	JUNCTION BOX	MC	MECHANICAL CONTRACTOR
BKR	BREAKER	MCB	MAIN CIRCUIT BREAKER
BFG	BELOW FINAL GRADE	MLO	MAIN LUGS ONLY
C	MOUNTED 6" ABOVE COUNTER	MSB	MAIN SWITCHBOARD
CAB	CABINET	MTD	MOUNTED
CB	CIRCUIT BREAKER	NU	NEAR UNIT
cd	CANDELA	NIC	NOT IN CONTRACT
CKT	CIRCUIT	O	OTHERS
CLG	CEILING	OC	ON CENTER
COMB	COMBINATION STARTER W/DISCONNECT SWITCH	ORS	OVER RIDE SWITCH
CONC	CONCRETE	OU	ON UNIT
CP	CONTROL PANEL	P	POLE
CS	COMBINATION STARTER/DISC. SWITCH	PC	PHOTOCELL
D	DISCONNECT SWITCH	PEND	PENDANT
DISC	DISCONNECT SWITCH	PLBG	PLUMBING CONTRACTOR
DN	DOWN	PNL	PANEL
DNLT	DOWN LIGHT	PB	PUSH-BUTTON
EDC	ELECTRICAL BONDING CONDUCTOR	R	RECEPTACLE
EW	ELECTRIC WATER COOLER	REC	RECESSED
E.C.	ELECTRICAL CONTRACTOR	SS	SWITCH STATION
ELEV	ELEVATION	SURF	SURFACE
EMT	ELECTRICAL METALLIC TUBING	SUSP	SUSPENDED
ENT	ELECTRICAL NON-METALLIC TUBING	SW	SWITCH
ER	EXISTING TO BE REMOVED	TC	TELECOMMUNICATION MOUNT GROUNDING BUSBAR
EXP	EXPOSED	TCC	TEMPERATURE CONTROL
EXR	EXISTING IN NEW LOCATION	CONTRACTOR	CONTRACTOR
EX	EXISTING TO REMAIN	TGB	TELECOMMUNICATION GROUNDING BUSBAR
F	FURNISHED	TMGB	TELECOMMUNICATION BONDING BACKBONE
FIXT	FIXTURE	TBB	TAMPER PROOF
FLUOR	FLUORESCENT	TP	TYPICAL
G.C.	GENERAL CONTRACTOR	TYP	TYPICAL
GFI	GROUND FAULT INTERRUPTING	UM	UNIT MANUFACTURER
GR	GALVANIZED RIGID CONDUIT	VER	VERIFY
GYP	GYP SUM BOARD	VFD	VARIABLE FREQUENCY DRIVE
HDA	HAND-OFF-AUTO SELECTOR SWITCH	W	WIRED
HP	HORSEPOWER	WP	WEATHERPROOF
HVAC	HEATING, VENTILATING, AND	XFMR	TRANSFORMER
HV	AIR CONDITIONING CONTRACTOR		
HW	HEAVY WALL		



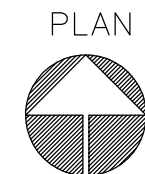
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Revisions

Sheet

SYMBOLS,
ABBREVIATIONS AND
NOTES



NORTH SCALE: NTS

Project

LYNDE AND HARRY
BRADLEY FOUNDATION
PARKING

Date

MAY 11, 2016

Project No.

16-1077.00

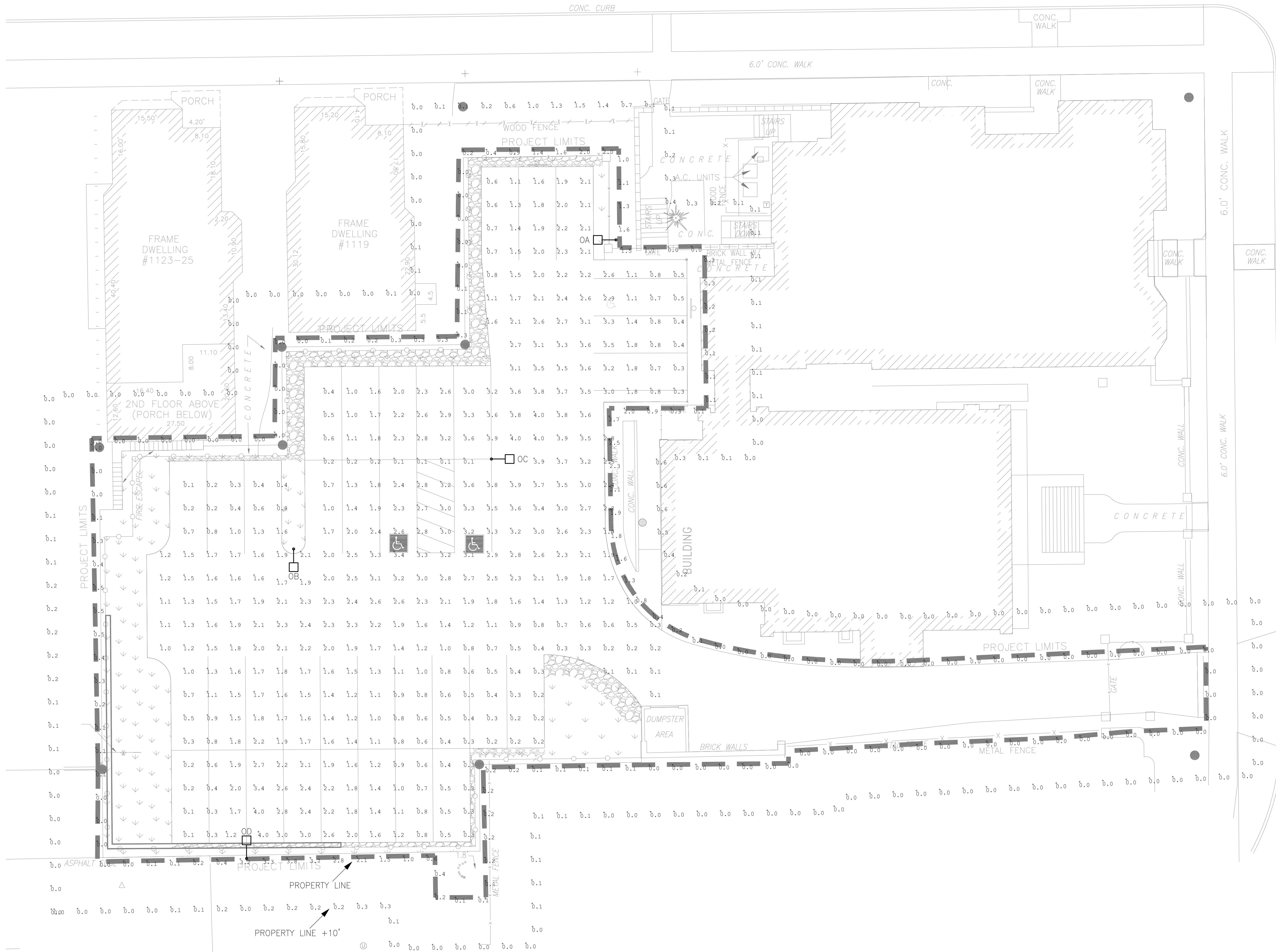
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E001

SHEET INDEX

- E001 SYMBOLS, ABBREVIATIONS, NOTES, SCHEDULES AND DETAILS
E101 SITE CALCULATION PLAN
E201 ELECTRICAL SITE PLAN

EAST KNAPP STREET



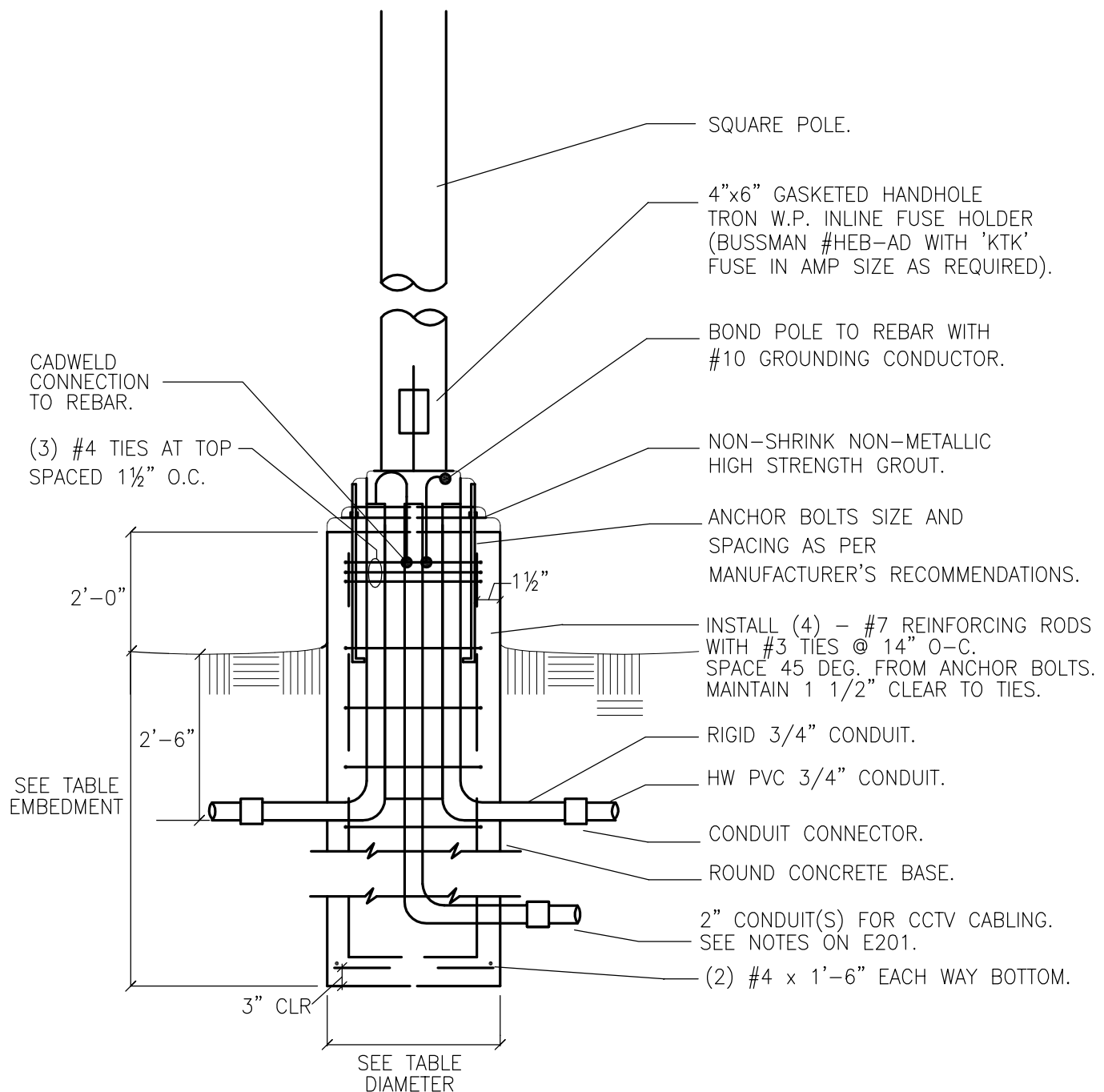
1 SITE CALCULATION PLAN
1" = 10'-0"

NOTE:

1. PARKING LOT: 1.68fc AVG, 4.1fc MAX, 0.1fc MIN, 41:1 MAX:MIN
2. PROPERTY LINE: 0.44fc AVG, 3.1fc MAX, 0.0fc MIN
2. PROPERTY LINE +10': 0.10fc AVG, 1.5fc MAX, 0.0fc MIN



2 TYPE OA/OB/OC/OD POLE FIXTURES
NOT TO SCALE



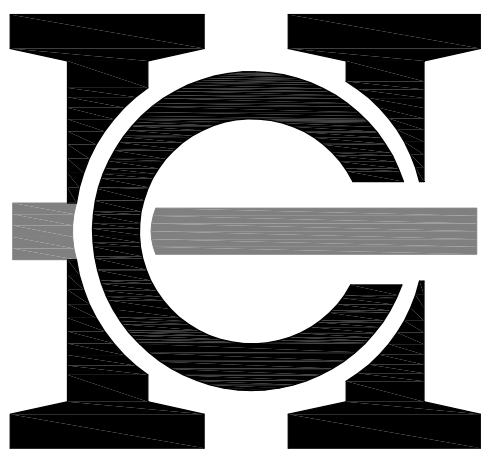
3 POLE BASE DETAIL
NOT TO SCALE

NOTES:

1. DIMENSIONS GIVEN ARE MINIMUM. PROVIDE POLE BASE DIAMETER AND DEPTH AS REQUIRED IN ACCORDANCE WITH LOCAL SOIL AND WIND VELOCITY CONDITIONS.
2. ALL LIGHTING POLE CONCRETE BASES SHALL BE LOCATED A MINIMUM OF 12 INCHES OFF THE FACE OF THE CURBING EDGE OF SIDEWALK OR CENTERED WITHIN AN ISLAND. IN ALL CASES, HOWEVER, FINAL LOCATIONS OF LIGHTING POLES MUST BE VERIFIED WITH THE ARCHITECT/ENGINEER PRIOR TO INSTALLATION.
3. ALL POLE BASE DIMENSIONS ARE FOR BIDDING ONLY. POLE BASE SHALL MATCH THOSE AT EXISTING POLES, IF APPLICABLE.

POLE HEIGHT	BASE EMBEDMENT/DIAMETER			
	1 HEAD	2 HEAD	3 HEAD	4 HEAD
15'-0"	6'-5"/2'-0"	6'-5"/2'-0"	6'-5"/2'-0"	6'-5"/2'-0"
20'-0"	6'-5"/2'-0"	6'-5"/2'-0"	8'-0"/2'-0"	8'-0"/2'-0"
25'-0"	6'-5"/2'-0"	8'-0"/2'-0"	9'-0"/2'-0"	10'-0"/2'-0"
30'-0"	8'-0"/2'-6"	9'-0"/2'-6"	10'-0"/2'-6"	10'-0"/2'-6"

NOTES:
1. TABLE IS BASED ON SOIL BEARING PRESSURE OF 3000 PSF. AND A LATERAL BEARING PRESSURE OF 200 PSF/FT.



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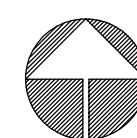
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Revisions

Sheet

SITE CALC. PLAN

PLAN



NORTH SCALE: 1"=10'-0"

Project

LYNDE AND HARRY
BRADLEY FOUNDATION
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Date

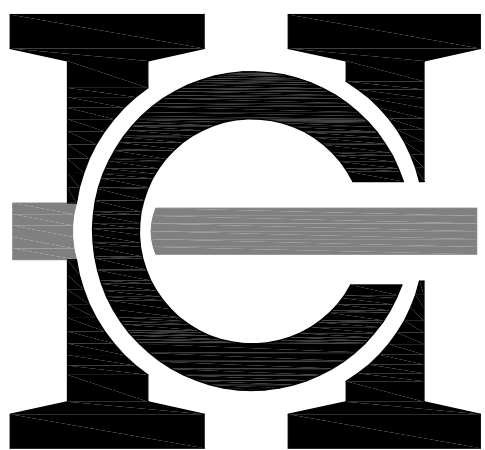
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16-1077.00

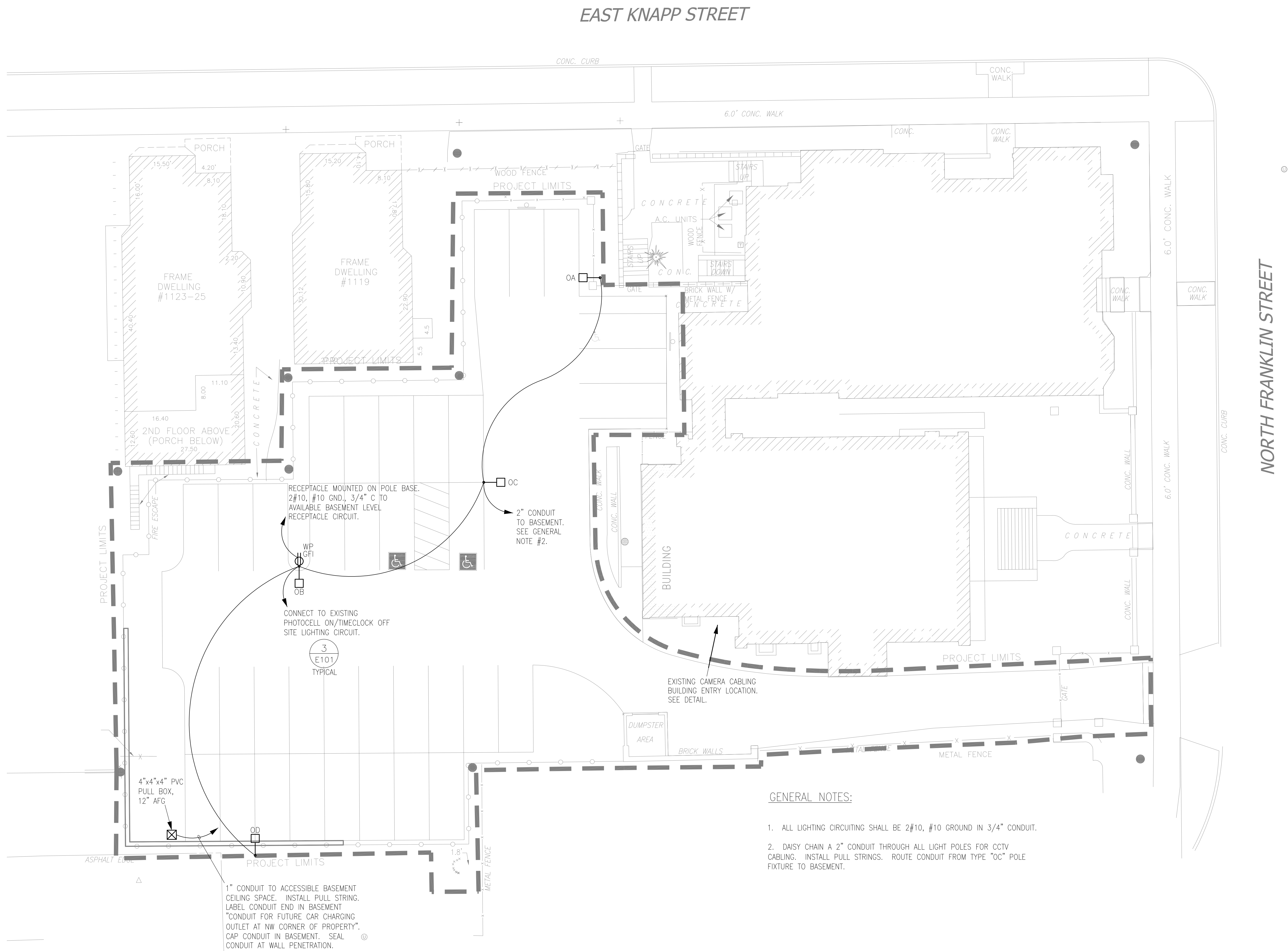
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GENERAL NOTES:

1. ALL LIGHTING CIRCUITING SHALL BE 2#10, #10 GROUND IN 3/4" CONDUIT.
2. DAISY CHAIN A 2" CONDUIT THROUGH ALL LIGHT POLES FOR CCTV CABLING. INSTALL PULL STRINGS. ROUTE CONDUIT FROM TYPE "OC" POLE FIXTURE TO BASEMENT.

1 ELECTRICAL SITE PLAN
1" = 10'-0"

Revisions

Sheet
ELECTRICAL SITE
PLAN



NORTH SCALE: 1"=10'-0"

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No.	Date	Description
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RETAINING WALL PLAN

S100



LIVE LOADS -----	250 PSF
WIND LOADING	
BASIC WIND SPEED (3-SECOND GUST) -----	90 MPH
EXPOSURE CATEGORY -----	C
EXPOSURE FACTOR (C_w) -----	1.0
IMPORTANCE FACTOR (I_w) -----	1.0
NET LATERAL ON WALLS -----	20 PSF

CAST-IN-PLACE CONCRETE — — — $f'_c = 4,000$ PSI
REINFORCEMENT — — — — $F_y = 60,000$ PSI
ALLOWABLE SOIL BEARING CAPACITY
ASSUMED — — — — $q = 3,000$ PSF

