

MILTON HIGH SCHOOL

INDEX MAP:



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LEGAL DESCRIPTION:

BEING A PART OF OUTLOT 16 OF THE ASSessor'S PLAT OF THE VILLAGE OF MILTON (NOW CITY), BEING LOCATED AND A PART OF THE SOUTHWEST ¼ OF THE SOUTHWEST ¼ OF THE SOUTHWEST ¼ OF SECTION 28 AND THE SOUTHWEST ¼ OF THE SOUTHWEST ¼ OF SECTION 27, ALL BEING IN TOWNSHIP 4 NORTH, RANGE 13 EAST, CITY OF MILTON, ROCK COUNTY, WISCONSIN, THE FOLLOWING PARCEL DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SECTION 28, TOWNSHIP 4 NORTH, RANGE 13 EAST, SAID POINT ALSO BEING THE POINT OF BEGINNING (POB) OF THE PARCEL, TO BE DESCRIBED;

THENCE N 82°52'00" W ALONG THE SOUTH LINE OF THE SOUTHWEST ¼ OF SAID SECTION 28, 1301.40 FEET;

THENCE N 02°50'10" W, 706.65 FEET TO THE NORTHEAST CORNER OF LOT 1 OF CERTIFIED SURVEY MAP AS RECORDED IN VOLUME 5, PAGE 346;

THENCE N 82°49'12" W ALONG THE NORTH LINE OF SAID LOT 1, 286.90 FEET TO THE EASTERLY RIGHT-OF-WAY LINE OF SOUTH JOHN PAUL ROAD;

THENCE N 20°42'01" W ALONG SAID EASTERLY RIGHT-OF-WAY LINE, 69.84 FEET TO THE SOUTHWEST CORNER OF OUTLOT 1 OF CERTIFIED SURVEY MAP AS RECORDED IN VOLUME 11, PAGE 281;

THENCE S 83°51'22" E ALONG THE SOUTH LINE OF SAID OUTLOT 1, 53.13 FEET;

THENCE N 25°58'27" E ALONG THE EASTERLY LINE OF SAID OUTLOT 1, 113.83 FEET;

THENCE N 55°40'11" E ALONG THE EASTERLY LINE OF SAID OUTLOT 1, 236.48 FEET;

THENCE NORTHEASTERLY 292.22 FEET ALONG THE ARC OF A CURVE, ALONG SAID EASTERLY LINE OF SAID OUTLOT 1, DONCAVE SOUTHEASTERLY, HAVING A RADIUS OF 165.86 FEET AND WHOSE LONG CHORD BEARS N 48°00'16" E, 29.18 FEET;

THENCE S 82°52'00" W ALONG THE EASTERLY LINE OF SAID OUTLOT 1, 407.31 FEET TO THE NORTHEAST CORNER OF SAID OUTLOT 1;

THENCE S 82°49'12" W ALONG THE EAST LINE OF SAID LOT 1, 286.90 FEET TO THE SOUTHWEST CORNER OF SAID LOT 1;

THENCE N 02°50'10" W ALONG THE SAID WEST LINE OF SAID LOT 1, 706.65 FEET TO THE SOUTHWEST CORNER OF SAID LOT 1 OF CERTIFIED SURVEY MAP AS RECORDED IN VOLUME 5, PAGE 346;

THENCE NORTHEASTERLY 508.53 FEET ALONG THE ARC OF A CURVE, ALONG THE SOUTH LINE OF SAID LANDS DESCRIBED AND RECORDED IN VOLUME 452, PAGE 472, DONCAVE SOUTHEASTERLY, HAVING A RADIUS OF 3347.29 FEET AND WHOSE LONG CHORD BEARS N 73°23'13" E, 508.04 FEET TO THE SOUTHWEST CORNER OF SAID LANDS DESCRIBED, SAID POINT ALSO BEING ON THE EAST LINE OF THE SOUTHWEST ¼ OF SAID SECTION 28;

THENCE S 87°35'05" E ALONG SAID EAST LINE OF THE SOUTHWEST ¼, 420.55 FEET;

THENCE S 87°35'05" E, 806.66 FEET TO CENTERLINE AS PLATTED OF HILLTOP DRIVE, SAID CENTERLINE ALSO BEING THE EAST LINE OF SAID OUTLOT 16 OF THE ASSessor'S PLAT OF THE VILLAGE OF MILTON;

THENCE S 07°49'44" E ALONG THE EAST LINE OF SAID OUTLOT 16, 991.70 FEET;

THENCE N 87°43'16" W, 164.88 FEET;

THENCE S 07°49'44" E, 230.65 FEET TO A POINT ON THE SOUTH LINE OF THE SOUTHWEST ¼ OF SECTION 27, TOWNSHIP 4 NORTH, RANGE 13 EAST;

THENCE N 87°35'05" W ALONG SAID SOUTH LINE, 638.55 FEET TO THE POINT OF BEGINNING.

CONTAINING : 2,753,297 SQUARE FEET - 63.207 Acres.

BENCH MARK:

ELEVATIONS ARE REFERENCED TO NAD 88 DATUM.

BENCHMARK #1
BURY BOLT ON HYDRANT LOCATED ON SOUTH SIDE OF WEST HIGH STREET, 575± WEST OF RAINBOW DRIVE, ACROSS FROM DRIVE ENTRANCE TO WEST HIGH SCHOOL PARKING LOT.
ELEVATION = 931.93

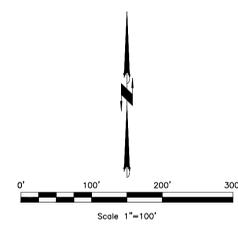
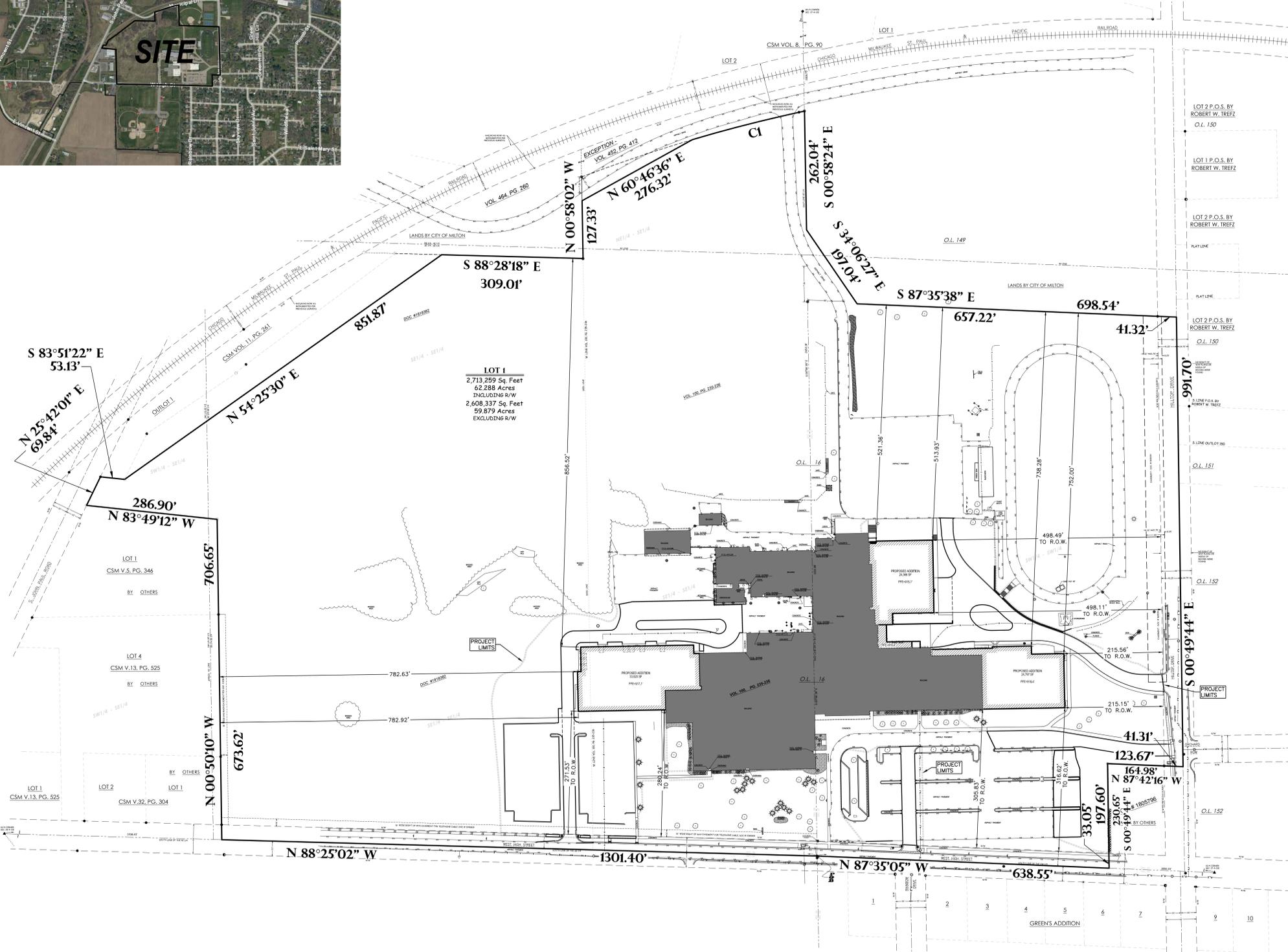
BENCHMARK #2
SOUTHWEST BOLT ON FLANGE OF HYDRANT LOCATED ON SOUTH SIDE OF WEST HIGH STREET, 975± WEST OF RAINBOW DRIVE, AND 350± WEST OF DRIVE ENTRANCE TO WEST HIGH SCHOOL PARKING LOT.
ELEVATION = 916.74

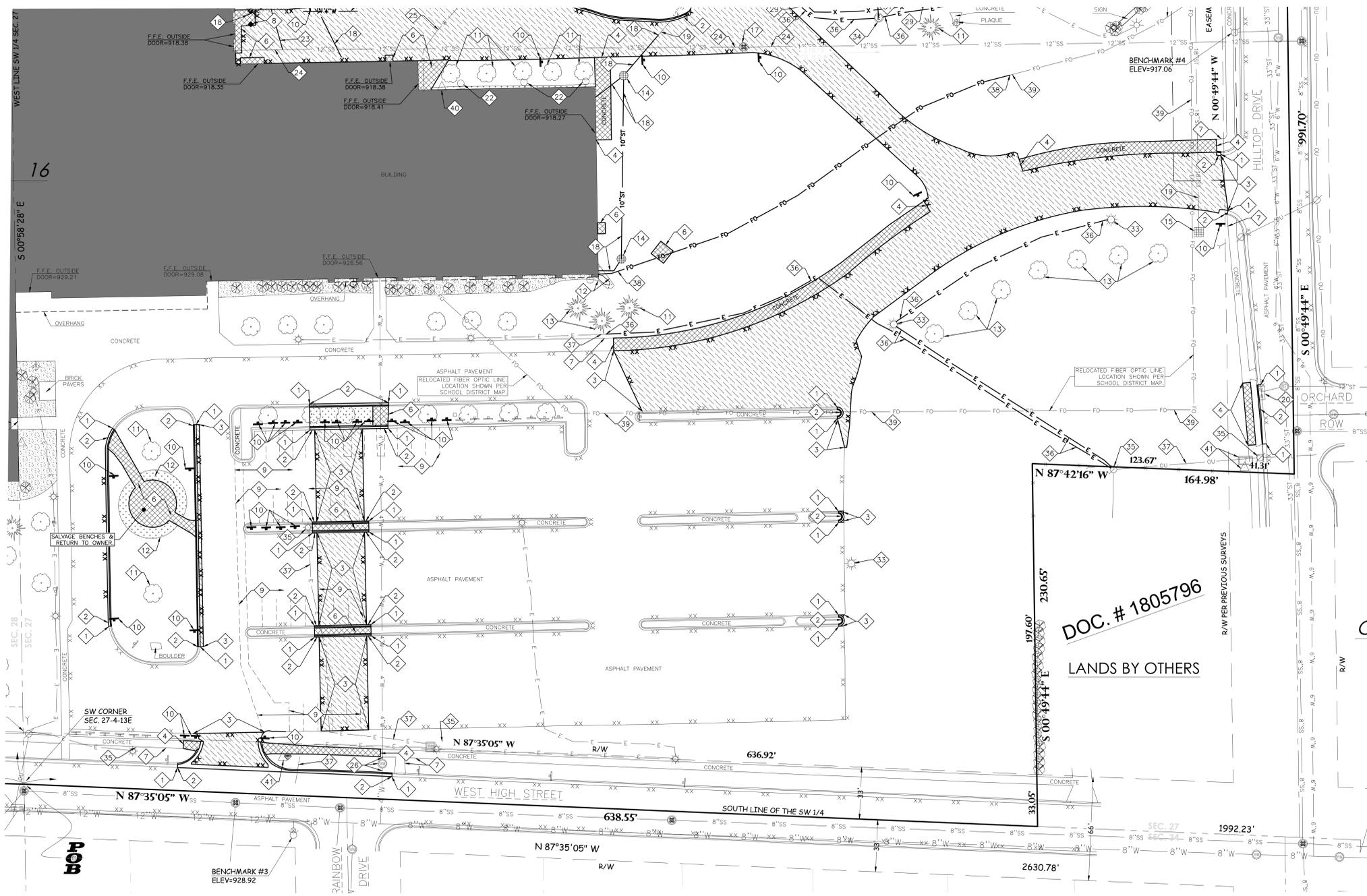
BENCHMARK #3
BURY BOLT ON HYDRANT LOCATED ON SOUTHWEST CORNER OF INTERSECTION OF WEST HIGH STREET AND RAINBOW DRIVE, ACROSS FROM DRIVE ENTRANCE TO SOUTH HIGH SCHOOL PARKING LOT.
ELEVATION = 928.92

BENCHMARK #4
BURY BOLT ON HYDRANT LOCATED ON WEST SIDE OF HILLTOP DRIVE, 85± NORTH OF EAST DRIVE ENTRANCE TO HIGH SCHOOL.
ELEVATION = 917.06

BENCHMARK #5
600 NAIL SET IN SOUTHEAST SIDE OF POWER POLE LOCATED AT NORTHWEST CORNER OF WEST HIGH SCHOOL PARKING LOT, 230± NORTHEAST OF WEST-MOST ENTRANCE TO HIGH SCHOOL BUILDING.
ELEVATION = 908.25

BENCHMARK #6
ARROW BOLT ON HYDRANT LOCATED ON WEST SIDE OF HIGH SCHOOL BUILDING, 60± SOUTH OF GREENHOUSE AND 260± EAST OF BENCHMARK #5.
ELEVATION = 919.25





GENERAL NOTES:

- CONTACT DIGGER'S HOTLINE 5 WORKING DAYS PRIOR TO THE START OF DEMOLITION/CONSTRUCTION.
- ALL DEMOLITION MATERIALS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LEGAL MANNER EXCEPT FOR THOSE ITEMS NOTED TO BE SALVAGED, WHICH SHOULD BE TURNED OVER TO THE OWNER.
- INSTALL AND MAINTAIN ALL REQUIRED EROSION CONTROL MEASURES FOR PERIMETER PROTECTION PRIOR TO THE START OF DEMOLITION/CONSTRUCTION, IN ACCORDANCE WITH THE LOCAL AND STATE GOVERNING AUTHORITIES.
- ALL BIDDERS PLANNING ON SUBMITTING A BID SHALL VISIT THE SITE AND REVIEW THE EXISTING CONDITIONS PRIOR TO THE BID DATE.
- COORDINATE WITH THE OWNER AND LOCAL UTILITY COMPANIES TO LOCATE ANY EXISTING UTILITIES ON-SITE PRIOR TO THE START OF WORK.
- ANY EXISTING UTILITIES NOT SHOWN ON THIS DOCUMENT WHICH NEED TO BE REMOVED, RELOCATED AND OR ADJUSTED SHALL BE THE RESPONSIBILITY OF THE SITE GRADING CONTRACTOR AND INCLUDED IN THE BASE BID CONTRACT.
- STRIP TOPSOIL WITHIN THE PROJECT LIMITS IN ACCORDANCE WITH THE PROJECT MANUAL SPECIFICATIONS.
- IF STRIPPED TOPSOIL IS STOCKPILED ON SITE, SILT FENCE SHALL BE INSTALLED AROUND THE BASE OF THE STOCKPILE TO PREVENT SEDIMENT TRANSPORT.
- PRIOR TO PERFORMING WORK WITHIN PUBLIC RIGHT OF WAYS, NOTIFY AND COORDINATE WORK WITH THE LOCAL MUNICIPALITY.
- TREES SHALL BE CLEARED AND GRUBBED. LANDSCAPE MATERIALS SHALL BE REMOVED AND DISPOSED OF OFF-SITE. EXISTING VEGETATION NOT SPECIFICALLY LABELED, SHALL BE PROTECTED AND LEFT IN PLACE.
- COORDINATE ALL UTILITY DEMOLITION WITH MUNICIPALITY, BUILDING PLUMBING DESIGNER, AND APPROPRIATE UTILITY COMPANY. COORDINATION MAY INCLUDE INSTALLATION OF TEMPORARY UTILITIES DURING CONSTRUCTION.

KEYNOTES:

- | | |
|--|--|
| 1 SAWCUT EXISTING CONCRETE CURBING | 23 REMOVE EXISTING SANITARY SEWER PIPE |
| 2 REMOVE EXISTING CONCRETE CURBING | 24 MAINTAIN EXISTING SANITARY SEWER PIPE |
| 3 SAWCUT EXISTING BITUMINOUS PAVEMENT | 25 REMOVE EXISTING WATER SERVICE |
| 4 SAWCUT & REMOVE EXISTING CONCRETE WALK | 26 MAINTAIN EXISTING WATER SERVICE |
| 5 REMOVE EXISTING CONCRETE STEPS | 27 LOWER EXISTING HYDRANT/VALVE |
| 6 REMOVE EXISTING MISC. CONCRETE | 28 REMOVE EXISTING CANOPY/ENTRY (CONFIRM SCOPE WITH ARCHITECTURAL PLANS) |
| 7 MAINTAIN EXISTING CONCRETE WALK | 29 REMOVE EXISTING FENCE |
| 8 REMOVE EXISTING BOLLARDS | 30 MAINTAIN EXISTING FENCE |
| 9 REMOVE EXISTING PARKING LOT STRIPING | 31 REMOVE EXISTING RETAINING WALL |
| 10 REMOVE/SALVAGE EXISTING SIGN | 32 MAINTAIN EXISTING RETAINING WALL |
| 11 CLEAR & GRUB EXISTING TREE | 33 REMOVE EXISTING POWER/LIGHT POLE (COORDINATE WITH UTILITY COMPANY) |
| 12 REMOVE EXISTING LANDSCAPE PLANTINGS &/OR FIXTURES | 34 REMOVE EXISTING ELECTRICAL ACCESS MANHOLE (COORDINATE WITH UTILITY COMPANY) |
| 13 MAINTAIN EXISTING TREE/VEGETATION | 35 MAINTAIN EXISTING POWER/LIGHT POLE |
| 14 REMOVE EXISTING STORM SEWER STRUCTURE | 36 REMOVE EXISTING ELECTRICAL LINE (COORDINATE WITH UTILITY COMPANY) |
| 15 MAINTAIN EXISTING STORM SEWER STRUCTURE | 37 MAINTAIN EXISTING ELECTRICAL LINE |
| 16 REMOVE EXISTING GREASE INTERCEPTOR | 38 REMOVE ABANDONED FIBER OPTIC LINE (COORDINATE WITH UTILITY COMPANY) |
| 17 MAINTAIN EXISTING SANITARY SEWER STRUCTURE | 39 MAINTAIN EXISTING FIBER OPTIC LINE |
| 18 REMOVE EXISTING STORM SEWER PIPE | 40 REMOVE EXISTING TELEPHONE BOX (COORDINATE WITH PHONE COMPANY) |
| 19 MAINTAIN EXISTING STORM SEWER PIPE | 41 MAINTAIN EXISTING TELEPHONE BOX |
| 20 REMOVE & REPLACE EXISTING CASTING/GRATE | 42 REMOVE/RELOCATE EXISTING GAS LINE (COORDINATE WITH GAS COMPANY) |
| 21 ABANDON EXISTING STORM PIPE | 43 MAINTAIN EXISTING GAS LINE |
| 22 REMOVE EXISTING ROOF DRAINS | |

DEMOLITION HATCH PATTERNS:

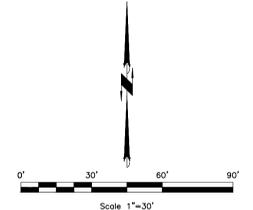


BENCH MARK:

- ELEVATIONS ARE REFERENCED TO NAVD 88 DATUM.
- BENCH-MARK #1**
BURY BOLT ON HYDRANT LOCATED ON SOUTH SIDE OF WEST HIGH STREET, 575'± WEST OF RAINBOW DRIVE, ACROSS FROM DRIVE ENTRANCE TO WEST HIGH SCHOOL PARKING LOT.
ELEVATION = 917.06
- BENCH-MARK #2**
SOUTHWEST BOLT ON FLANGE OF HYDRANT LOCATED ON SOUTH SIDE OF WEST HIGH STREET, 975'± WEST OF RAINBOW DRIVE, AND 350'± WEST OF DRIVE ENTRANCE TO WEST HIGH SCHOOL PARKING LOT.
ELEVATION = 916.74
- BENCH-MARK #3**
BURY BOLT ON HYDRANT LOCATED ON SOUTHWEST CORNER OF INTERSECTION OF WEST HIGH STREET AND RAINBOW DRIVE, ACROSS FROM DRIVE ENTRANCE TO SOUTH HIGH SCHOOL PARKING LOT.
ELEVATION = 928.92
- BENCH-MARK #4**
BURY BOLT ON HYDRANT LOCATED ON WEST SIDE OF HILLTOP DRIVE, 85'± NORTH OF EAST DRIVE ENTRANCE TO HIGH SCHOOL.
ELEVATION = 917.06
- BENCH-MARK #5**
600 NAIL SET IN SOUTHEAST SIDE OF POWER POLE LOCATED AT NORTHWEST CORNER OF WEST HIGH SCHOOL PARKING LOT, 200'± NORTHWEST OF WEST-MOST ENTRANCE TO HIGH SCHOOL BUILDING.
ELEVATION = 908.25
- BENCH-MARK #6**
ARROW BOLT ON HYDRANT LOCATED ON WEST SIDE OF HIGH SCHOOL BUILDING, 60'± SOUTH OF GREENHOUSE AND 260'± EAST OF BENCH-MARK #5.
ELEVATION = 919.25

UTILITY DISCLAIMER:

THE LOCATIONS, SIZES, AND TYPES OF UNDERGROUND PUBLIC AND PRIVATE UTILITIES OR SUBSTRUCTURES SHOWN HEREON WERE OBTAINED FROM VISUAL INSPECTION, FIELD MEASUREMENTS, AND/OR AS-BUILT PLANS. SANITARY SEWER AND STORM SEWER PIPE SIZES, INVERTS, DIRECTION, AND LOCATIONS BETWEEN MANHOLES ARE SUPPLEMENTED BY AS-BUILT PLANS AND/OR ESTIMATED BASED ON FIELD OBSERVATIONS. PRIOR TO CONSTRUCTION IN THE VICINITY OF ANY UTILITIES SHOWN HEREON, IT IS RECOMMENDED THAT THE LOCATIONS, DEPTHS, AND SIZES BE FIELD VERIFIED. THE LOCATIONS SHOWN HEREON ARE ONLY APPROXIMATE, WITH POSSIBILITY THAT ADDITIONAL UTILITY LINES NOT DISCOVERED, OR MARKED, DURING THE SEARCH OF RECORDS AND THE FIELD SURVEY MAY EXIST. ANY CONTRACTOR USING THE INFORMATION SHOWN HEREON IS HEREBY FOREWARNED THAT ANY EXCAVATION UPON THIS SITE MAY RESULT IN THE DISCOVERY OF ADDITIONAL UNDERGROUND UTILITIES NOT SHOWN HEREON. IN GENERAL, UNDERGROUND UTILITY LOCATIONS ARE SHOWN FROM UTILITY MARKINGS, BY OTHERS, AND/OR AS-BUILT PLANS, PROVIDED BY OTHER. POINT OF BEGINNING MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, WITH RESPECT TO THE EXISTING UTILITIES SHOWN HEREON, AND BELIEVES THAT THE INFORMATION CONTAINED HEREIN IS RELIABLE AND GENERALLY ACCURATE FOR THE PURPOSE INTENDED.



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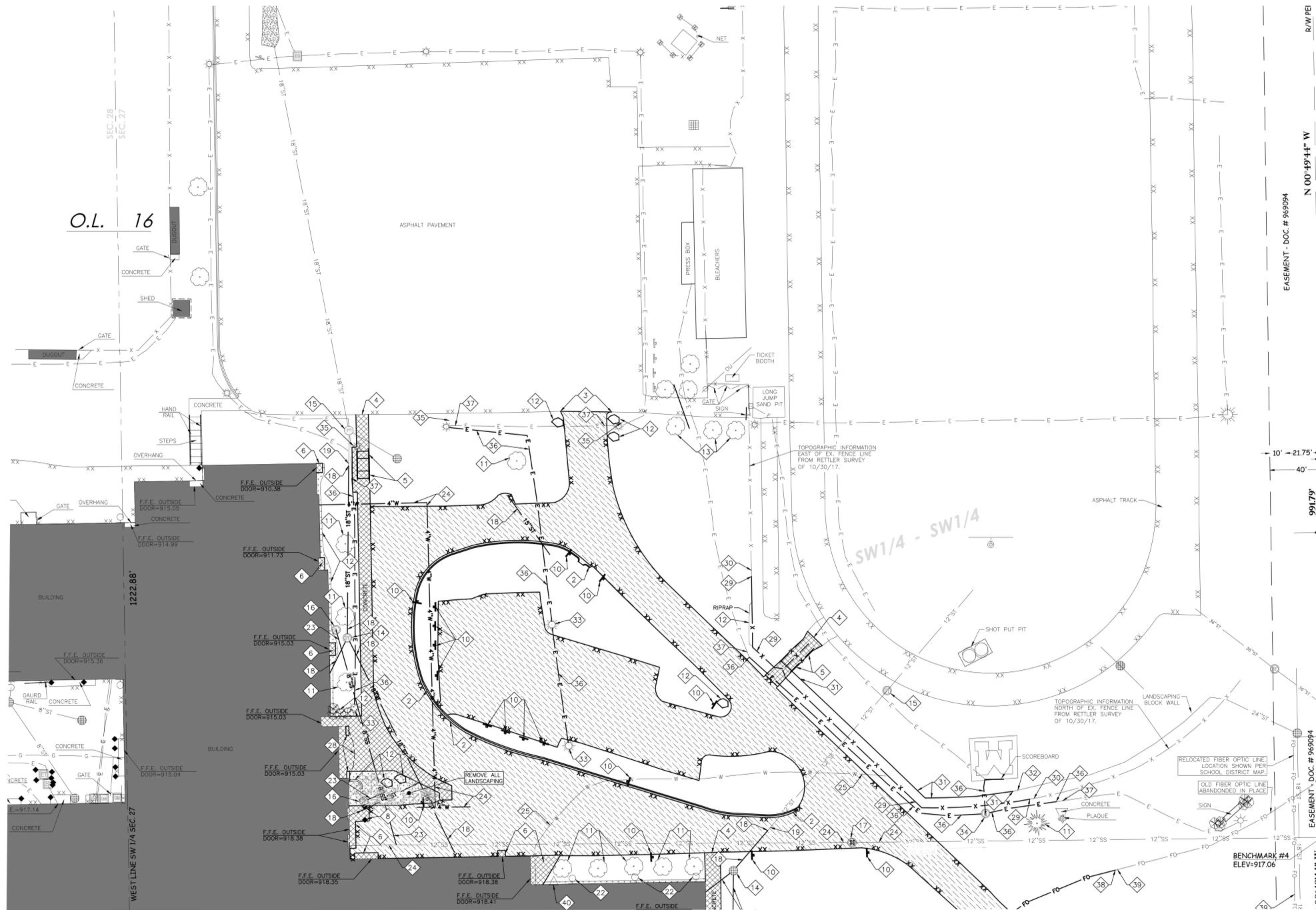
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GENERAL NOTES:

- SEE SHEET C101.1 FOR GENERAL NOTES.

KEYNOTES:

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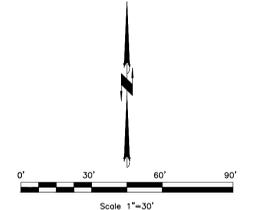


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ELEVATION = 926.92
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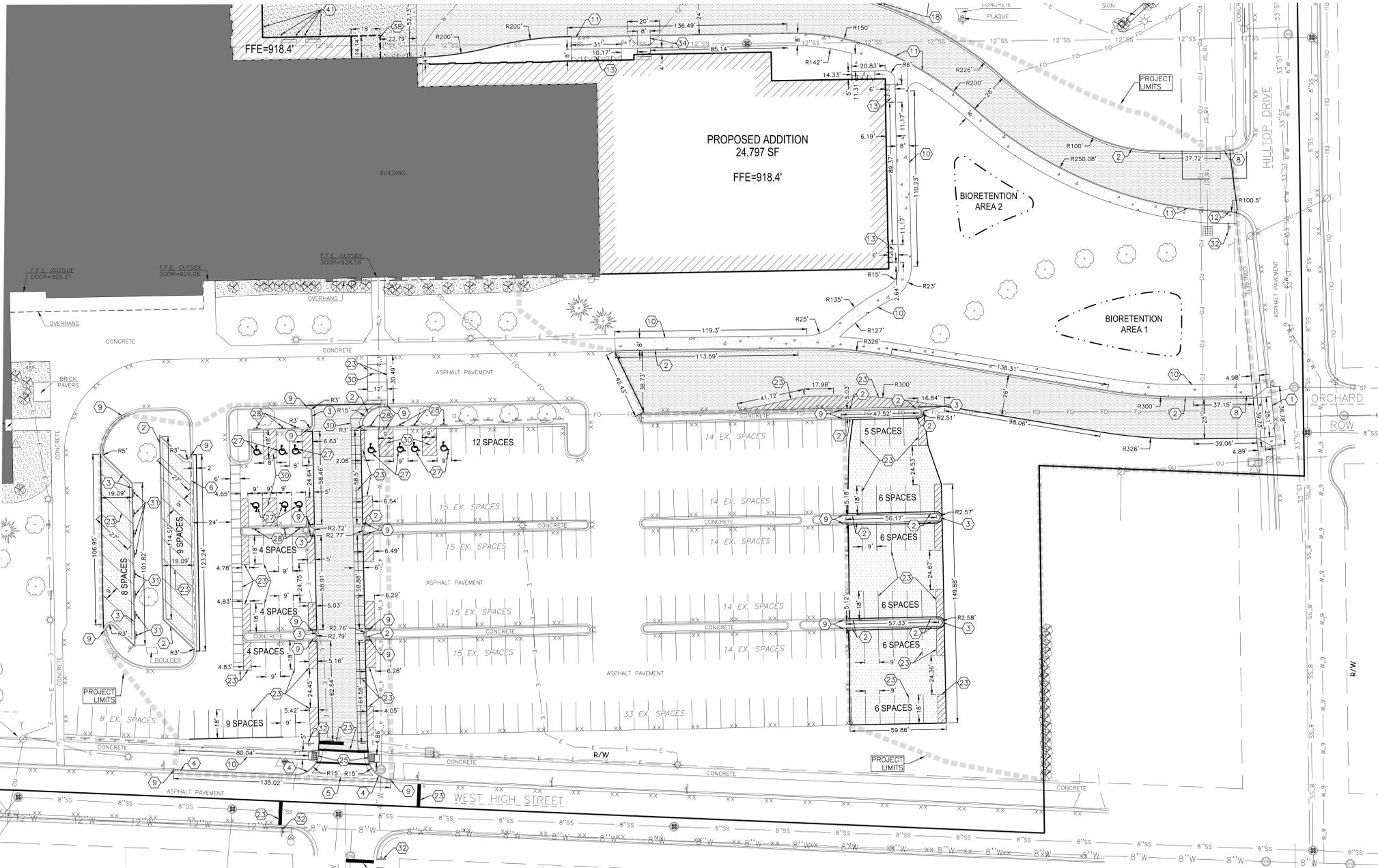
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DEMOLITION PLAN



GENERAL NOTES:

- CONTACT DIGGER'S HOTLINE 5 WORKING DAYS PRIOR TO THE START OF DEMOLITION/CONSTRUCTION. GRADE, LINE, AND LEVEL TO BE REVIEWED IN THE FIELD BY THE CONSTRUCTION MANAGER.
- ALL REQUIRED EROSION CONTROL MEASURES ARE TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH LOCAL MUNICIPAL AND DEPARTMENT OF NATURAL RESOURCES REGULATIONS.
- SEE SHEETS C104.1-104.3 FOR ALL REQUIRED EROSION CONTROL ELEMENTS.
- ANY EXISTING UTILITIES NOT SHOWN ON THIS DOCUMENT WHICH NEED TO BE REMOVED, RELOCATED AND OR ADJUSTED SHALL BE THE RESPONSIBILITY OF THE SITE GRADING CONTRACTOR AND INCLUDED IN THE BASE BID CONTRACT.
- VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE START OF DEMOLITION/CONSTRUCTION. ALL BIDDERS PLANNING ON SUBMITTING A BID SHALL VISIT THE SITE AND REVIEW THE EXISTING CONDITIONS PRIOR TO THE BID DATE.
- PRIOR TO THE START OF WORK VERIFY WITH THE LOCAL AUTHORITIES THAT ALL REQUIRED PERMITS HAVE BEEN ACQUIRED.
- COORDINATE CONSTRUCTION IN THE RIGHT OF WAY WITH THE LOCAL AUTHORITIES.
- PROVIDE PROPER BARRICADES, SIGNS AND TRAFFIC CONTROL TO MAINTAIN THRU TRAFFIC ALONG ADJACENT STREETS IN ACCORDANCE WITH LOCAL MUNICIPAL REQUIREMENTS.
- SIDWALK JOINTS TO BE AS INDICATED OR AS APPROVED BY CONSTRUCTION MANAGER.
- ALL SAWCUTS SHALL BE AT AN EXISTING JOINT IN THE CURB AND PAVEMENT.
- ALL GENERAL LANDSCAPE AREAS SHALL BE SEEDED/FERTILIZED/CRIMP HAY MULCHED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.

KEYNOTES:

- 1 DRIVE APRON
- 2 18" STANDARD CONCRETE CURB & GUTTER
- 3 18" CONCRETE CURB & GUTTER (WITH REVERSE GUTTER)
- 4 30" CONCRETE CURB & GUTTER
- 5 48" CONCRETE VALLEY GUTTER
- 6 24" CONCRETE VALLEY GUTTER
- 7 24" CONCRETE ROLL CURB & GUTTER
- 8 6' CURB TAPER
- 9 2' CURB TRANSITION AREA (MATCH EXISTING CURB)
- 10 CONCRETE SIDEWALK
- 11 THICKENED EDGE WALK
- 12 END THICKENED EDGE WALK
- 13 CONCRETE PAD/STOOP
- 14 CONCRETE STAIRS WITH HANDRAIL
- 15 ASPHALT TRAIL
- 16 RETAINING WALL WITH CHAINLINK FENCE
- 17 LANDSCAPE BLOCK WALL (MATCH EXISTING STYLE & COLOR)
- 18 CHAINLINK FENCE
- 19 PEDESTRIAN GATE
- 20 RETAINING WALL WITH HANDRAIL
- 21 RETAINING WALL
- 22 HANDRAIL
- 23 PARKING LOT STRIPING
- 24 MATCH ASPHALT & TOP OF SIDEWALK IN HANDICAP STALLS
- 25 HANDICAP RAMP WITH 1' CURB TAPER
- 26 HANDICAP RAMP WITH 2' CURB TAPER
- 27 HANDICAP PARKING STALL
- 28 HANDICAP PARKING SIGN
- 29 HANDICAP PARKING SIGN (ON BUILDING)
- 30 ADA ACCESS ROUTE
- 31 INSTALL SALVAGED "VISITOR PARKING" SIGN
- 32 STOP SIGN
- 33 RELOCATE SPEED LIMIT SIGN
- 34 8' WIDE SIDEWALK RAMP
- 35 T-31 VEHICLE GUARDRAIL (OR APPROVED EQUAL)
- 36 RESURFACE STANDARD ASPHALT ON EXISTING BASE
- 37 RESURFACE HEAVY DUTY ASPHALT ON EXISTING BASE
- 38 DUMPSTER AREA (SEE ARCH. PLANS)
- 39 5' CONCRETE APRON AT OVERHEAD DOORS
- 40 GENERATOR PAD & BOLLARDS (SEE ELECTRICAL PLANS)
- 41 CONCRETE BOLLARD

SITE RATIOS:

	TOTAL AREA	% OF LOT AREA		
TOTAL AREA OF BUILDING	271,525 SQ. FT.	10.0%	PARKING STALL COUNT	STANDARD STALLS
TOTAL AREA OF BITUMINOUS PAVEMENT	398,086 SQ. FT.	14.7%		HANDICAP STALLS
TOTAL AREA OF CONCRETE WALK	27,905 SQ. FT.	1.0%		TOTAL
TOTAL AREA OF GREEN SPACE	2,015,749 SQ. FT.	74.3%		

BENCH MARK:

ELEVATIONS ARE REFERENCED TO NAVD 88 DATUM.

BENCH-MARK #1
BURY BOLT ON HYDRANT LOCATED ON SOUTH SIDE OF WEST HIGH STREET, 575'± WEST OF RAINBOW DRIVE, ACROSS FROM DRIVE ENTRANCE TO WEST HIGH SCHOOL PARKING LOT.
ELEVATION = 931.93

BENCH-MARK #2
SOUTHWEST BOLT ON FLANGE OF HYDRANT LOCATED ON SOUTH SIDE OF WEST HIGH STREET, 975'± WEST OF RAINBOW DRIVE, AND 350'± WEST OF DRIVE ENTRANCE TO WEST HIGH SCHOOL PARKING LOT.
ELEVATION = 916.74

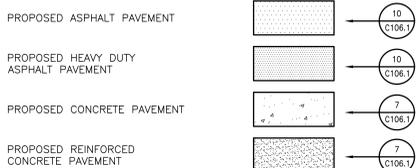
BENCH-MARK #3
BURY BOLT ON HYDRANT LOCATED ON SOUTHWEST CORNER OF INTERSECTION OF WEST HIGH STREET AND RAINBOW DRIVE, ACROSS FROM DRIVE ENTRANCE TO SOUTH HIGH SCHOOL PARKING LOT.
ELEVATION = 928.92

BENCH-MARK #4
BURY BOLT ON HYDRANT LOCATED ON WEST SIDE OF HILLTOP DRIVE, 85'± NORTH OF EAST DRIVE.
ELEVATION = 917.08

BENCH-MARK #5
600 NAIL SET IN SOUTHEAST SIDE OF POWER POLE LOCATED AT NORTHWEST CORNER OF WEST HIGH SCHOOL PARKING LOT, 200'± NORTHWEST OF WEST-MOST ENTRANCE TO HIGH SCHOOL BUILDING.
ELEVATION = 908.25

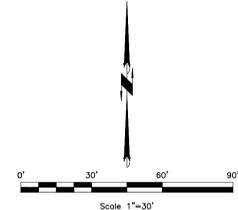
BENCH-MARK #6
ARROW BOLT ON HYDRANT LOCATED ON WEST SIDE OF HIGH SCHOOL BUILDING, 60'± SOUTH OF GREENHOUSE AND 260'± EAST OF BENCH-MARK #5.
ELEVATION = 919.25

PAVEMENT HATCH PATTERNS:



UTILITY DISCLAIMER:

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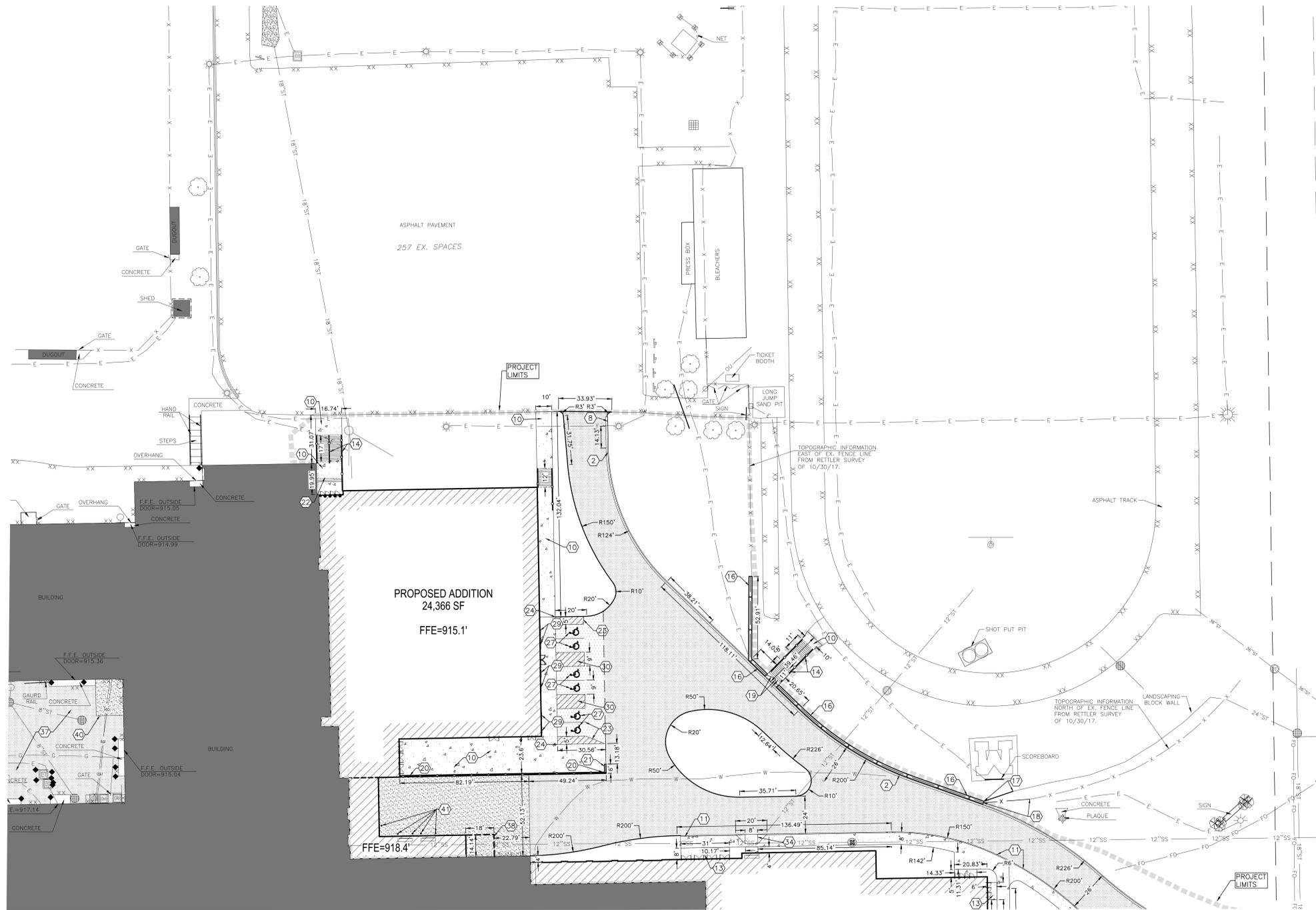
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LAYOUT PLAN



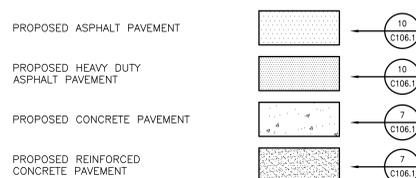
GENERAL NOTES:

1. SEE SHEET C102.1 FOR GENERAL NOTES.

KEYNOTES:

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- 3 18" CONCRETE CURB & GUTTER (WITH REVERSE GUTTER)
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- 12 END THICKENED EDGE WALK
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- 36 RESURFACE STANDARD ASPHALT ON EXISTING BASE
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- 38 DUMPSTER AREA (SEE ARCH. PLANS)
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- 41 CONCRETE BOLLARD

PAVEMENT HATCH PATTERNS:



BENCH MARK:

ELEVATIONS ARE REFERENCED TO NAVD 88 DATUM.

BENCH-MARK #1
BURY BOLT ON HYDRANT LOCATED ON SOUTH SIDE OF WEST HIGH STREET, 575'± WEST OF RAINBOW DRIVE, ACROSS FROM DRIVE ENTRANCE TO WEST HIGH SCHOOL PARKING LOT.
ELEVATION = 917.06

BENCH-MARK #2
SOUTHWEST BOLT ON FLANGE OF HYDRANT LOCATED ON SOUTH SIDE OF WEST HIGH STREET, 975'± WEST OF RAINBOW DRIVE, AND 350'± WEST OF DRIVE ENTRANCE TO WEST HIGH SCHOOL PARKING LOT.
ELEVATION = 916.74

BENCH-MARK #3
BURY BOLT ON HYDRANT LOCATED ON SOUTHWEST CORNER OF INTERSECTION OF WEST HIGH STREET AND RAINBOW DRIVE, ACROSS FROM DRIVE ENTRANCE TO SOUTH HIGH SCHOOL PARKING LOT.
ELEVATION = 926.92

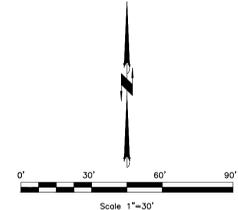
BENCH-MARK #4
BURY BOLT ON HYDRANT LOCATED ON WEST SIDE OF HILLTOP DRIVE, 85'± NORTH OF EAST DRIVE ENTRANCE TO HIGH SCHOOL.
ELEVATION = 917.06

BENCH-MARK #5
600 NAIL SET IN SOUTHEAST SIDE OF POWER POLE LOCATED AT NORTHWEST CORNER OF WEST HIGH SCHOOL PARKING LOT, 200'± NORTHWEST OF WEST-MOST ENTRANCE TO HIGH SCHOOL BUILDING.
ELEVATION = 908.25

BENCH-MARK #6
ARROW BOLT ON HYDRANT LOCATED ON WEST SIDE OF HIGH SCHOOL BUILDING, 60'± SOUTH OF GREENHOUSE AND 260'± EAST OF BENCH-MARK #5.
ELEVATION = 919.25

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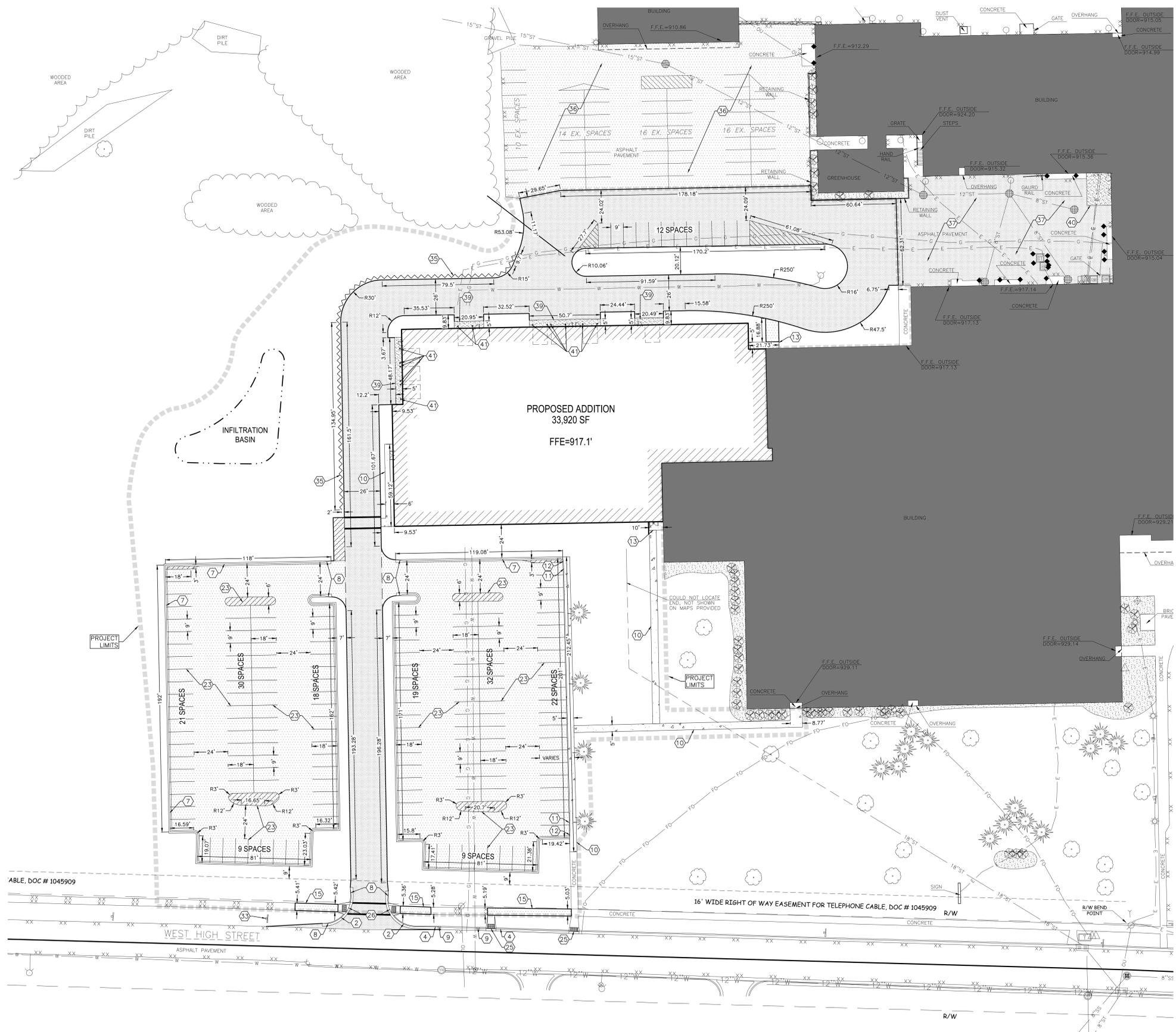
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GENERAL NOTES:

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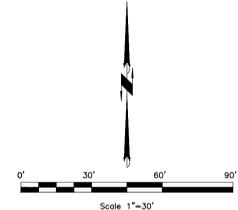
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BENCH MARK:

ELEVATIONS ARE REFERENCED TO NAVD 88 DATUM.

- BENCH-MARK #1**
BURY BOLT ON HYDRANT LOCATED ON SOUTH SIDE OF WEST HIGH STREET, 575'± WEST OF HILLTOP DRIVE, 85'± NORTH OF EAST DRIVE. ENTRANCE TO HIGH SCHOOL. ELEVATION = 917.08
- BENCH-MARK #2**
SOUTHWEST BOLT ON FLANGE OF HYDRANT LOCATED ON SOUTH SIDE OF WEST HIGH STREET, 975'± WEST OF RAINBOW DRIVE, AND 350'± WEST OF DRIVE. ENTRANCE TO WEST HIGH SCHOOL PARKING LOT. ELEVATION = 916.74
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BURY BOLT ON HYDRANT LOCATED ON SOUTHWEST CORNER OF INTERSECTION OF WEST HIGH STREET AND RAINBOW DRIVE. ACROSS FROM DRIVE. ENTRANCE TO SOUTH HIGH SCHOOL PARKING LOT. ELEVATION = 926.92
- BENCH-MARK #4**
BURY BOLT ON HYDRANT LOCATED ON WEST SIDE OF HILLTOP DRIVE, 85'± NORTH OF EAST DRIVE. ENTRANCE TO HIGH SCHOOL. ELEVATION = 917.08
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600 NAIL SET IN SOUTHEAST SIDE OF POWER POLE LOCATED AT NORTHWEST CORNER OF WEST HIGH SCHOOL PARKING LOT, 200'± NORTHWEST OF WEST-MOST ENTRANCE TO HIGH SCHOOL BUILDING. ELEVATION = 908.25
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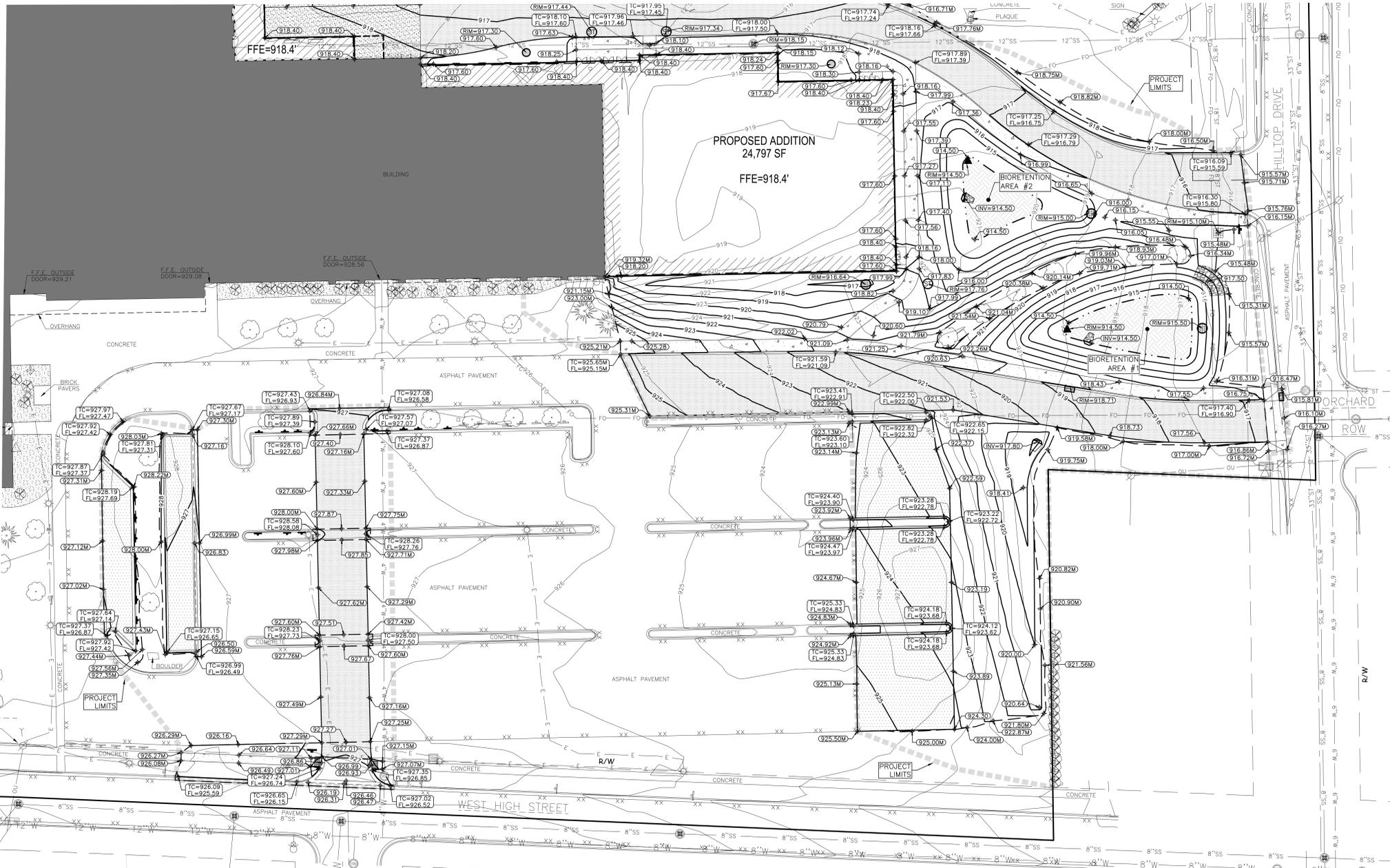
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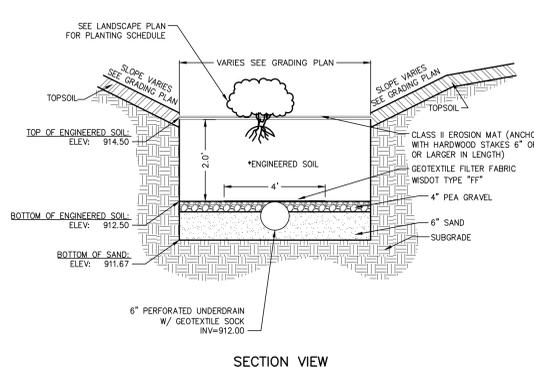


GENERAL NOTES:

- CONTACT DIGGER'S HOTLINE 5 WORKING DAYS PRIOR TO THE START OF DEMOLITION/CONSTRUCTION.
- THE PROPOSED SITE FINISH FLOOR ELEVATIONS EQUAL THE PROPOSED BUILDING ARCHITECTURAL FINISH FLOOR ELEVATION OF 100.00'. SEE PLAN FOR INDIVIDUAL BUILDING FINISH FLOOR ELEVATIONS.
- GRADE, LINE, AND LEVEL TO BE REVIEWED IN THE FIELD BY THE CONSTRUCTION MANAGER.
- INSTALL AND MAINTAIN ALL REQUIRED EROSION CONTROL MEASURES IN ACCORDANCE WITH LOCAL AUTHORITIES AND THE DEPARTMENT OF NATURAL RESOURCES REGULATIONS.
- 6" OF TOPSOIL SHALL BE PROVIDED IN ALL GENERAL LAWN AREAS AND 12" SHALL BE PROVIDED IN ALL PLANTING BED AREAS.
- SEE SHEET C104.1-104.3 FOR ALL REQUIRED EROSION CONTROL ELEMENTS.
- ANY EXISTING UTILITIES NOT SHOWN ON THIS DOCUMENT WHICH NEED TO BE REMOVED, RELOCATED AND OR ADJUSTED SHALL BE THE RESPONSIBILITY OF THE SITE GRADING CONTRACTOR AND INCLUDED IN THE BASE BID CONTRACT.
- COORDINATE ALL EARTHWORK ACTIVITIES WITH GAS, ELECTRIC, (INCLUDING MAIN SERVICE, SITE LIGHTING, CONDUITS AND SIGNAGE) CABLE AND TELEPHONE CONSTRUCTION AND RESPECTIVE TRADES FOR THE INSTALLATION OF SAID UTILITIES.
- PROVIDE RIP RAP AT ALL ENDWALL STRUCTURES OF THE PROPOSED CULVERTS TO PREVENT WASHOUT AND EROSION.
- RIP RAP SHALL HAVE FILTER FABRIC PLACED BENEATH.
- EXCESS TOPSOIL SHALL BE REMOVED FROM SITE, UNLESS OTHERWISE DIRECTED BY THE OWNER. COORDINATE WITH OWNER FOR LOCATION OF STOCKPILE IF THE OWNER CHOOSES TO SALVAGE EXCESS TOPSOIL FOR FUTURE USE. SILT FENCE SHALL BE PLACED AROUND STOCKPILE.
- THE ENGINEERED SOIL SHALL NOT BE PLACED IN THE BIO-RETENTION AREAS UNTIL THE SURROUNDING DRAINAGE AREA HAS BEEN FULLY STABILIZED. ALL CONSTRUCTION SITE SEDIMENT SHALL BE REMOVED FROM THE SUBGRADE OF THE BIO-RETENTION AREA PRIOR TO PLACEMENT OF THE ENGINEERED SOIL.
- ALL TESTING AND INSPECTION SHALL BE DONE IN ACCORDANCE WITH SPS 382.21.
- THE LOCAL MUNICIPALITY SHALL BE CONTACTED PRIOR TO ANY WORK IN THE PUBLIC RIGHT-OF-WAY. THE CONTRACTOR SHALL HAVE A TRAFFIC CONTROL PLAN APPROVED PRIOR TO WORK COMMENCING. THE LOCAL MUNICIPALITY SHALL OPERATE ALL EXISTING WATER VALVES IF NEEDED.
- GRADES AT BUILDING EDGE SHALL BE 6" BELOW FINISHED FLOOR ELEVATION EXCEPT AT DOORWAY ENTRANCES OR UNLESS OTHERWISE NOTED.

GRADING LEGEND:

EXISTING CONTOUR	712
PROPOSED CONTOUR	712
PROPOSED SPOT ELEVATION	927.26
PROPOSED ENDWALL INVERT ELEVATION	926.82
PROPOSED RIM ELEVATION	926.82
PROPOSED TOP OF CURB ELEVATION	926.82
PROPOSED FLOW LINE ELEVATION	926.82
PROPOSED TOP OF RETAINING WALL ELEVATION	926.82
PROPOSED BOTTOM OF RETAINING WALL ELEVATION	926.82
PROPOSED MATCH ELEVATION (CONTRACTOR TO VERIFY)	926.82
PROPOSED ENDWALL STRUCTURE	2 C106.7
PROPOSED ENDWALL STRUCTURE WITH RIP RAP	2 C106.7
PROPOSED STORM INLET	3 C106.7
PROPOSED INLINE YARD DRAIN	14 2 C106.7
PROPOSED STORM MANHOLE	3 C106.7
PROPOSED CURB STORM INLET	3 C106.7
PROPOSED INFILTRATION BASIN	4 C106.7
PROPOSED BIO-RETENTION BASIN	1 C103.1
PROPOSED RIP RAP AREA &/OR OVERFLOW WEIR	5 6 C106.7 C106.2



- NOTES:**
- ENGINEERED SOIL SHALL NOT BE INSTALLED UNTIL GRADING IS COMPLETE AND DISTURBED GROUND HAS BEEN TEMPORARILY STABILIZED TO PREVENT CLOGGING.
 - DO NOT ADD ENGINEERED MEDIA UNTIL SITE PAVING HAS OCCURRED AND TURF AREAS HAVE BEEN ESTABLISHED WITH VEGETATION.
 - ENGINEERED MEDIA TO BE INSTALLED WITH NO MECHANICAL COMPACTION (INCLUDING EQUIPMENT TRACKING).
 - ENGINEERED MEDIA TO BE INSTALLED IN 6 INCH LIFTS AND SPRINKLER WATERED (TO SIMULATE RAINFALL) AT EACH LIFT TO ACHIEVE SETTLEMENT. ALTERNATELY ENGINEERED MEDIA MAY BE PLACED IN 6 INCH LIFTS WITHOUT WATERING AND FINISHED GRADE PLACED 3 INCHES ABOVE THE PLAN ELEVATION TO ACCOUNT FOR EXPECTED SETTLEMENT DURING INITIAL RAINFALLS.

ENGINEERED SOIL COMPOSITION—The soil shall be engineered to the following specifications:

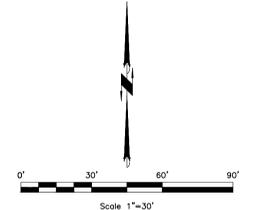
- The planting mixture shall consist of a mixture of 70 to 85% sand and 15 to 30% compost. The percentages are based on volume. Special attention should be given to plant selection when the percentage of sand exceeds 75%. Note: This mixture meets the equivalent level of protection as determined by DNR.
- The sand shall meet one of the following gradation requirements:
 - USDA Coarse Sand (0.2 - .04 inches)
 - ASTM C33 (Fine Aggregate Concrete Sand)
 - Wisconsin Standards and Specifications for Highway and Structure Construction, Section 501.2.5.3.4. (Fine Aggregate Concrete Sand) 2005 edition, or an equivalent as approved by the administering authority. The preferred sand component consists of mostly SiO₂, but sand consisting of dolomite or calcium carbonate may also be used. Manufactured sand or stone dust is not allowed. The sand shall be washed and drained to remove clay and silt particles prior to mixing.
- The compost component shall meet the requirements of Wisconsin Department of Natural Resources Specification S100, Compost.
- The engineered soil mix shall be free of rocks, stumps, roots, brush or other material over 1 inch in diameter. No other materials shall be mixed with the planting soil that may be harmful to plant growth or prove a hindrance to planting or maintenance.
- The engineered soil mix shall have a pH between 5.5 and 6.5.
- The engineered soil mix shall have adequate nutrient content to meet plant growth requirements.

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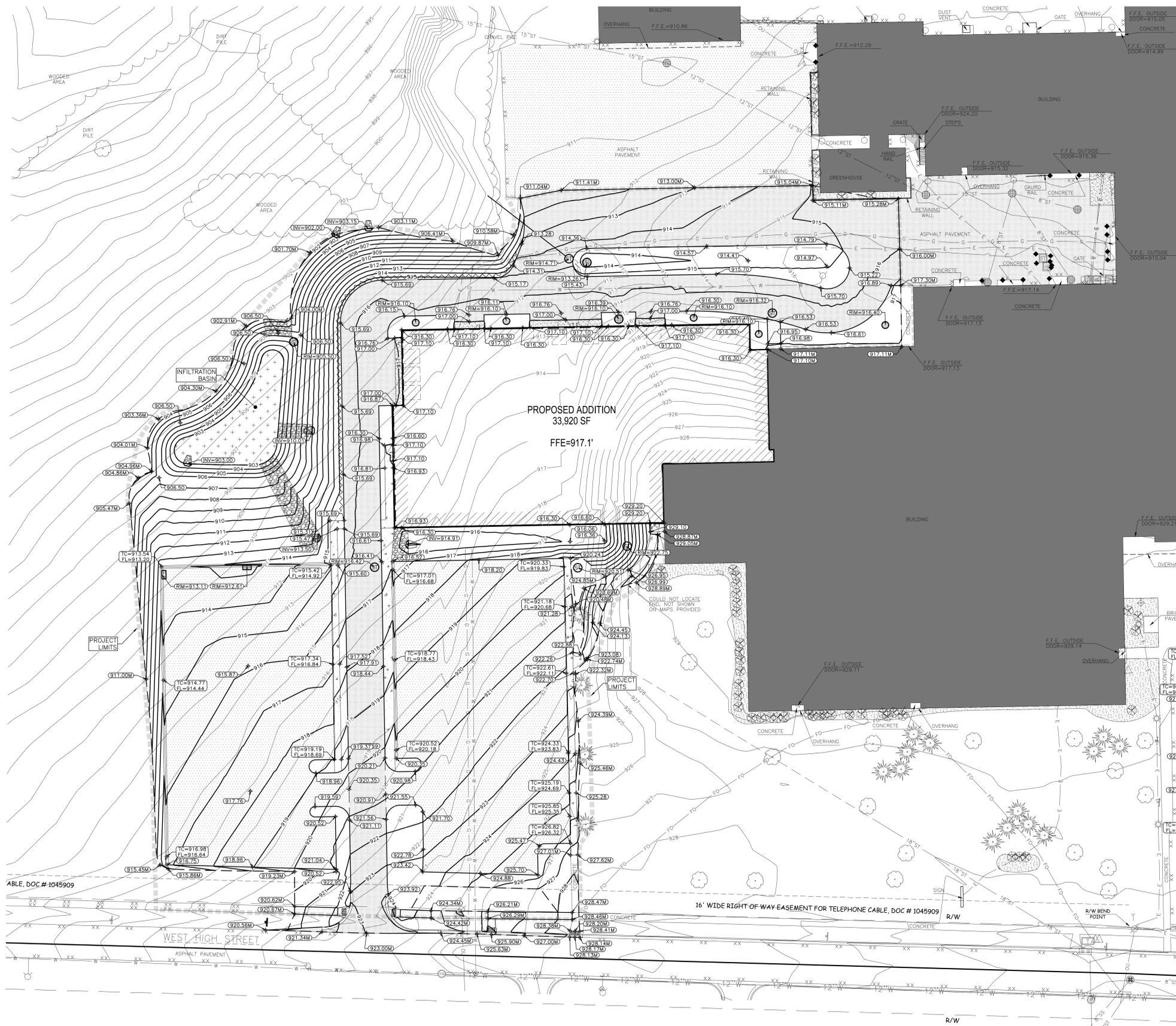
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BIORETENTION AREAS

1 C103.1



GENERAL NOTES:

- SEE SHEET C103.1 FOR GENERAL NOTES.

GRADING LEGEND:

EXISTING CONTOUR	712
PROPOSED CONTOUR	712
PROPOSED SPOT ELEVATION	892.26
PROPOSED ENDWALL INVERT ELEVATION	INV=892.00
PROPOSED RIM ELEVATION	RIM=893.40
PROPOSED TOP OF CURB ELEVATION	TC=893.40
PROPOSED FLOW LINE ELEVATION	FL=893.40
PROPOSED TOP OF RETAINING WALL ELEVATION	TW=893.40
PROPOSED BOTTOM OF RETAINING WALL ELEVATION	BW=893.40
PROPOSED MATCH ELEVATION (CONTRACTOR TO VERIFY)	892.05M
PROPOSED ENDWALL STRUCTURE	2 C106.2
PROPOSED ENDWALL STRUCTURE WITH RIP RAP	2 C106.2
PROPOSED STORM INLET	3 C106.2
PROPOSED INLINE YARD DRAIN	14 C106.2, 2 C106.1
PROPOSED STORM MANHOLE	3 C106.2
PROPOSED CURB STORM INLET	3 C106.2
PROPOSED INFILTRATION BASIN	4 C106.2
PROPOSED BIO-RETENTION BASIN	1 C103.1
PROPOSED RIP RAP AREA &/OR OVERFLOW WEIR	5 C106.2, 6 C106.2

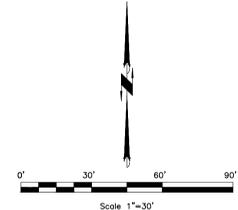
BENCH MARK:

ELEVATIONS ARE REFERENCED TO NAVD 88 DATUM.

- BENCH-MARK #1**
BURY BOLT ON HYDRANT LOCATED ON SOUTH SIDE OF WEST HIGH STREET, 575'± WEST OF RAINBOW DRIVE, ACROSS FROM DRIVE ENTRANCE TO WEST HIGH SCHOOL PARKING LOT.
ELEVATION = 917.08
- BENCH-MARK #2**
SOUTHWEST BOLT ON FLANGE OF HYDRANT LOCATED ON SOUTH SIDE OF WEST HIGH STREET, 975'± WEST OF RAINBOW DRIVE, AND 350'± WEST OF DRIVE ENTRANCE TO WEST HIGH SCHOOL PARKING LOT.
ELEVATION = 916.74
- BENCH-MARK #3**
BURY BOLT ON HYDRANT LOCATED ON SOUTHWEST CORNER OF INTERSECTION OF WEST HIGH STREET AND RAINBOW DRIVE, ACROSS FROM DRIVE ENTRANCE TO SOUTH HIGH SCHOOL PARKING LOT.
ELEVATION = 926.92
- BENCH-MARK #4**
BURY BOLT ON HYDRANT LOCATED ON WEST SIDE OF HILLTOP DRIVE, 85'± NORTH OF EAST DRIVE ENTRANCE TO HIGH SCHOOL.
ELEVATION = 917.08
- BENCH-MARK #5**
600 NAIL SET IN SOUTHEAST SIDE OF POWER POLE LOCATED AT NORTHWEST CORNER OF WEST HIGH SCHOOL PARKING LOT, 200'± NORTHWEST OF WEST-MOST ENTRANCE TO HIGH SCHOOL BUILDING.
ELEVATION = 908.25
- BENCH-MARK #6**
ARROW BOLT ON HYDRANT LOCATED ON WEST SIDE OF HIGH SCHOOL BUILDING, 60'± SOUTH OF GREENHOUSE AND 260'± EAST OF BENCH-MARK #5.
ELEVATION = 919.25

UTILITY DISCLAIMER:

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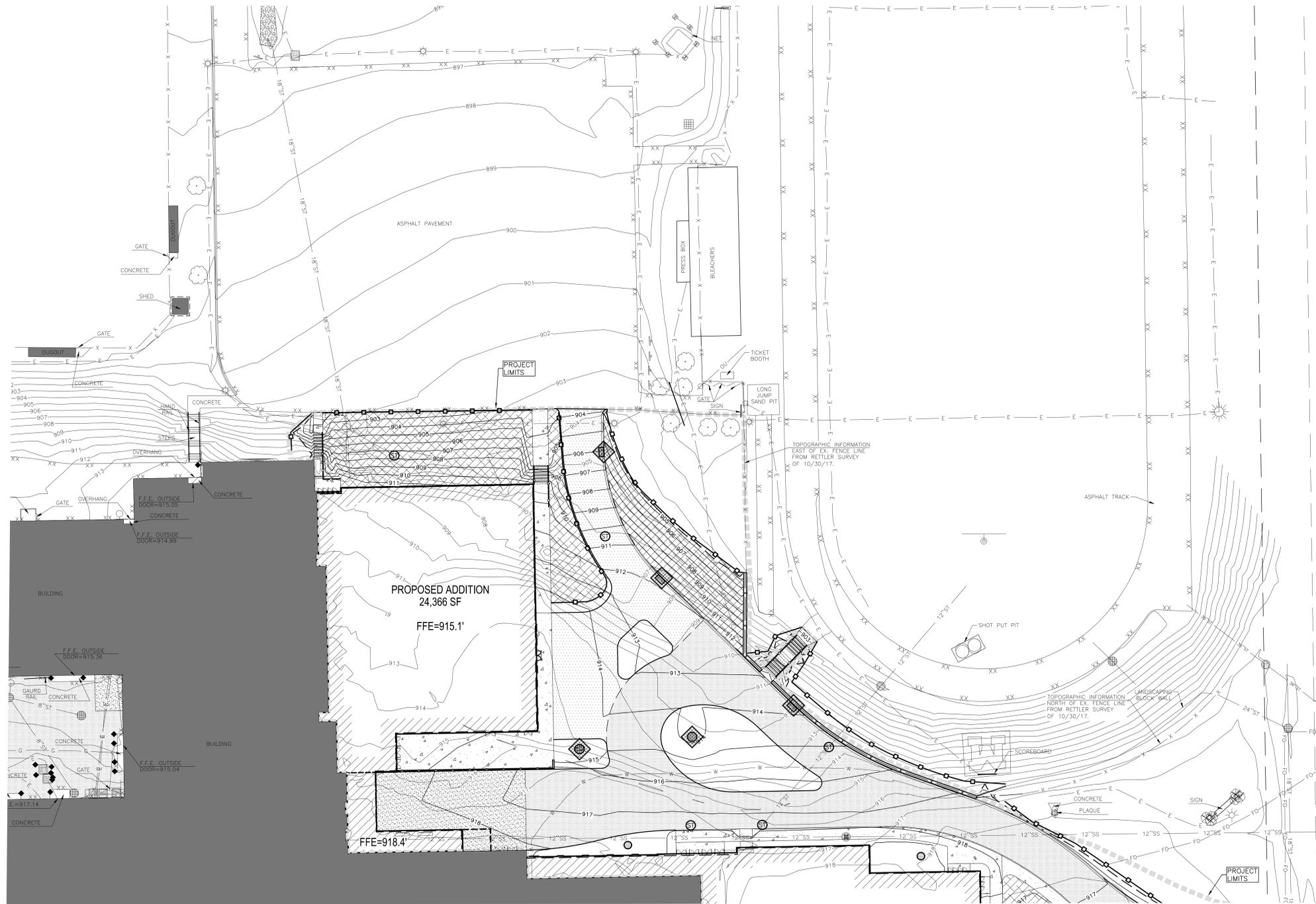
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GRADING PLAN



GENERAL NOTES:

- SEE SHEET C104.1 FOR GENERAL NOTES.

EROSION CONTROL LEGEND:

EXISTING CONTOUR		888
PROPOSED CONTOUR		888
PROPOSED SILT FENCE		7 C106.2
PROPOSED INLET PROTECTION		8 C106.2
EROSION CONTROL BLANKET		9 C106.2
ROCK CONSTRUCTION ENTRANCE		10 C106.2
TEMPORARY DITCH CHECK		11 C106.2
RIP RAP AREA &/OR OVERFLOW WEIR		12 C106.2

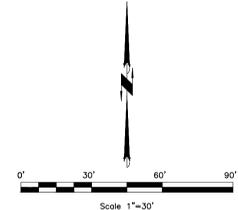
BENCH MARK:

ELEVATIONS ARE REFERENCED TO NAVD 88 DATUM.

- BENCH-MARK #1**
BURY BOLT ON HYDRANT LOCATED ON SOUTH SIDE OF WEST HIGH STREET, 575'± WEST OF RAINBOW DRIVE, ACROSS FROM DRIVE ENTRANCE TO WEST HIGH SCHOOL PARKING LOT.
ELEVATION = 931.93
- BENCH-MARK #2**
SOUTHWEST BOLT ON FLANGE OF HYDRANT LOCATED ON SOUTH SIDE OF WEST HIGH STREET, 975'± WEST OF RAINBOW DRIVE, AND 350'± WEST OF DRIVE ENTRANCE TO WEST HIGH SCHOOL PARKING LOT.
ELEVATION = 916.74
- BENCH-MARK #3**
BURY BOLT ON HYDRANT LOCATED ON SOUTHWEST CORNER OF INTERSECTION OF WEST HIGH STREET AND RAINBOW DRIVE, ACROSS FROM DRIVE ENTRANCE TO SOUTH HIGH SCHOOL PARKING LOT.
ELEVATION = 926.92
- BENCH-MARK #4**
BURY BOLT ON HYDRANT LOCATED ON WEST SIDE OF HILLTOP DRIVE, 85'± NORTH OF EAST DRIVE ENTRANCE TO HIGH SCHOOL.
ELEVATION = 917.06
- BENCH-MARK #5**
600 NAIL SET IN SOUTHEAST SIDE OF POWER POLE LOCATED AT NORTHWEST CORNER OF WEST HIGH SCHOOL PARKING LOT, 200'± NORTHWEST OF WEST-MOST ENTRANCE TO HIGH SCHOOL BUILDING.
ELEVATION = 908.25
- BENCH-MARK #6**
ARROW BOLT ON HYDRANT LOCATED ON WEST SIDE OF HIGH SCHOOL BUILDING, 60'± SOUTH OF GREENHOUSE AND 260'± EAST OF BENCH-MARK #5.
ELEVATION = 919.25

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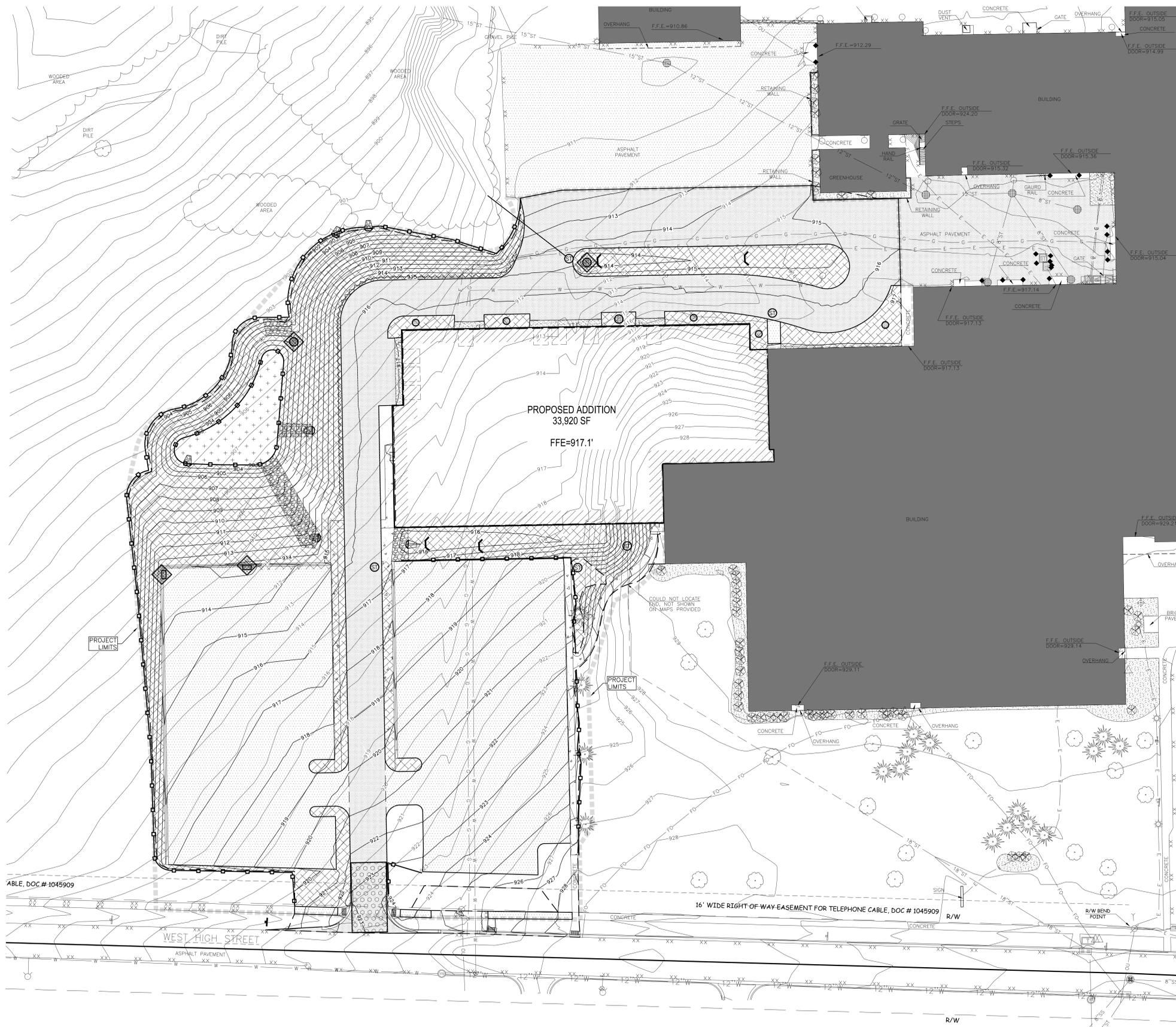
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1-941-444-8845



GENERAL NOTES:

- SEE SHEET C104.1 FOR GENERAL NOTES.

EROSION CONTROL LEGEND:

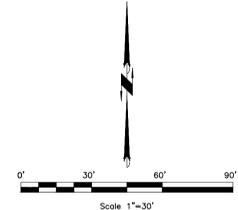
EXISTING CONTOUR	888	
PROPOSED CONTOUR	888	
PROPOSED SILT FENCE		7 C106.2
PROPOSED INLET PROTECTION		8 C106.2
EROSION CONTROL BLANKET		9 C106.2
ROCK CONSTRUCTION ENTRANCE		10 C106.2
TEMPORARY DITCH CHECK		11 C106.2
RIP RAP AREA &/OR OVERFLOW WEIR		12 C106.2

BENCH MARK:

- ELEVATIONS ARE REFERENCED TO NAVD 88 DATUM.
- BENCH-MARK #1**
BURY BOLT ON HYDRANT LOCATED ON SOUTH SIDE OF HILLTOP DRIVE, 575'± WEST OF RAINBOW DRIVE, ACROSS FROM DRIVE ENTRANCE TO WEST HIGH SCHOOL PARKING LOT.
ELEVATION = 917.08
 - BENCH-MARK #2**
SOUTHWEST BOLT ON FLANGE OF HYDRANT LOCATED ON SOUTH SIDE OF WEST HIGH STREET, 975'± WEST OF RAINBOW DRIVE, AND 350'± WEST OF DRIVE ENTRANCE TO WEST HIGH SCHOOL PARKING LOT.
ELEVATION = 916.74
 - BENCH-MARK #3**
BURY BOLT ON HYDRANT LOCATED ON SOUTHWEST CORNER OF INTERSECTION OF WEST HIGH STREET AND RAINBOW DRIVE, ACROSS FROM DRIVE ENTRANCE TO SOUTH HIGH SCHOOL PARKING LOT.
ELEVATION = 926.92
 - BENCH-MARK #4**
BURY BOLT ON HYDRANT LOCATED ON WEST SIDE OF HILLTOP DRIVE, 85'± NORTH OF EAST DRIVE ENTRANCE TO HIGH SCHOOL.
ELEVATION = 917.08
 - BENCH-MARK #5**
600 NAIL SET IN SOUTHEAST SIDE OF POWER POLE LOCATED AT NORTHWEST CORNER OF WEST HIGH SCHOOL PARKING LOT, 200'± NORTHWEST OF WEST-MOST ENTRANCE TO HIGH SCHOOL BUILDING.
ELEVATION = 908.25
 - BENCH-MARK #6**
ARROW BOLT ON HYDRANT LOCATED ON WEST SIDE OF HIGH SCHOOL BUILDING, 60'± SOUTH OF GREENHOUSE AND 260'± EAST OF BENCH-MARK #5.
ELEVATION = 919.25

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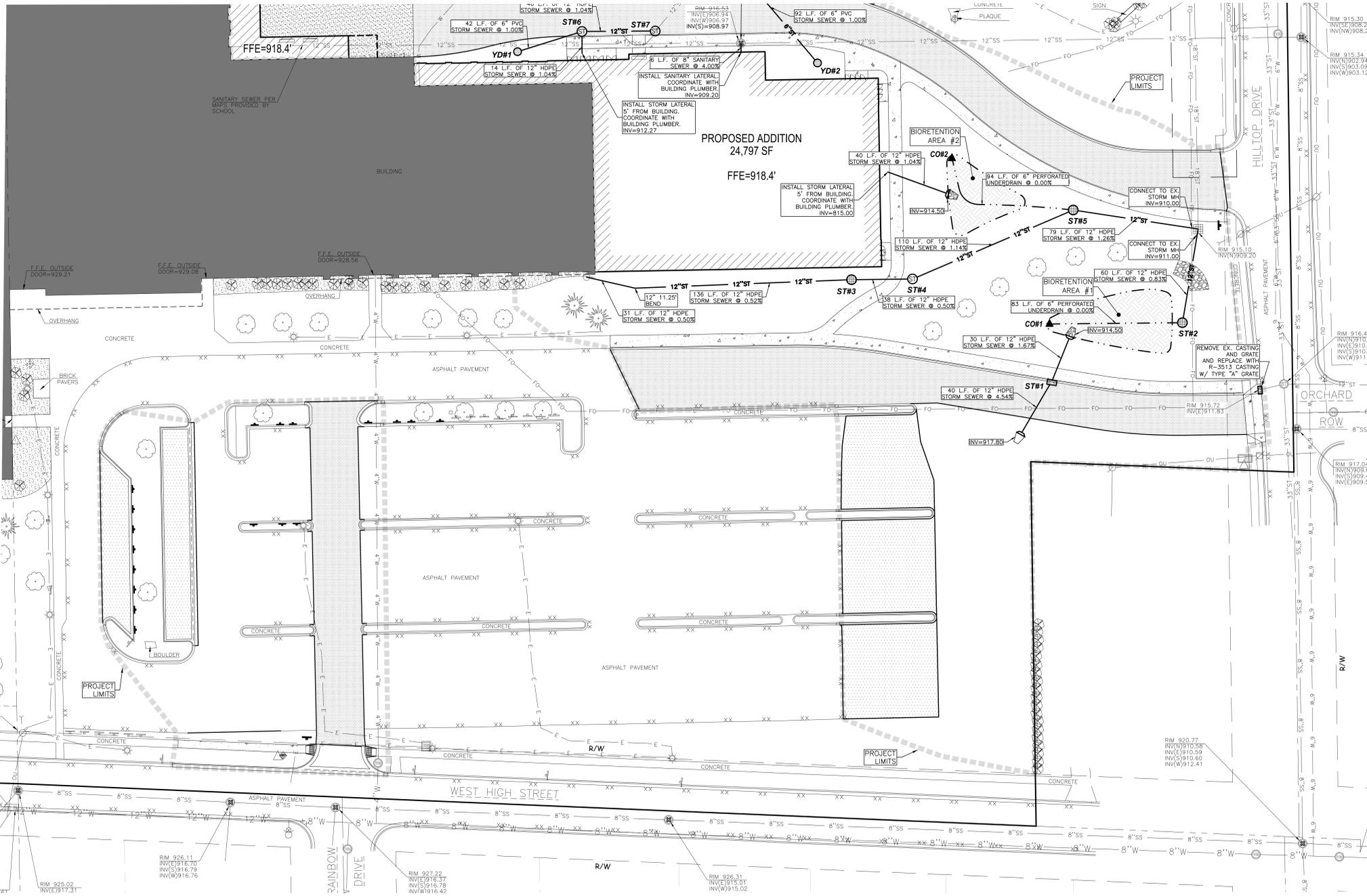
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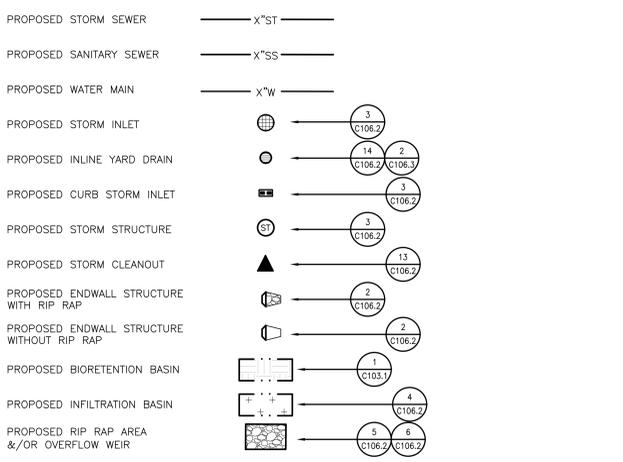
EROSION CONTROL PLAN



GENERAL NOTES:

- CONTACT DIGGER'S HOTLINE 5 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
- GRADE, LINE, AND LEVEL TO BE REVIEWED IN THE FIELD BY THE CONSTRUCTION MANAGER.
- ANY EXISTING UTILITIES NOT SHOWN ON THIS DOCUMENT WHICH NEED TO BE REMOVED, RELOCATED AND/OR ADJUSTED SHALL BE THE RESPONSIBILITY OF THE SITE GRADING CONTRACTOR.
- REFER TO THE PROPOSED BUILDING MECHANICAL/PLUMBING PLANS TO VERIFY EXACT CONNECTION LOCATIONS AND SIZES OF PROPOSED SANITARY SEWER AND WATER LATERALS.
- COORDINATE ALL UTILITY WORK WITH GAS, ELECTRICAL, (INCLUDING MAIN SERVICE, SITE LIGHTING, CONDUITS AND SIGNAGE) CABLE AND TELEPHONE CONSTRUCTION AND RESPECTIVE TRADES RESPONSIBLE FOR INSTALLATION OF SAID UTILITIES.
- COORDINATE ALL WORK WITHIN THE PUBLIC RIGHT OF WAY WITH THE LOCAL MUNICIPALITY.
- ALL TESTING AND INSPECTION SHALL BE DONE IN ACCORDANCE WITH SPS 382.21.
- THE PROPOSED WATER MAIN SHALL HAVE A MINIMUM COVER OF 7'-6" TO THE TOP OF PIPE FROM THE PROPOSED FINISHED GRADES, SEE SHEETS C103.1-103.3 FOR PROPOSED GRADES.
- THE MUNICIPALITY SHALL BE CONTACTED PRIOR TO ANY EXCAVATION IN THE PUBLIC RIGHT-OF-WAY, AND PRIOR TO CONNECTING SANITARY SEWER AND WATER LATERALS TO THE PUBLIC MAINS, THE CONTRACTOR SHALL HAVE A TRAFFIC CONTROL PLAN APPROVED PRIOR TO WORK COMMENCING. THE MUNICIPALITY SHALL OPERATE ALL EXISTING WATER VALVES, IF NEEDED.
- FIELD VERIFY INVERT ELEVATION OF THE SANITARY SEWER AND WATER PUBLIC MAIN, AT THE LOCATION OF THE SERVICE LATERAL CONNECTIONS, PRIOR TO CONNECTING THE LATERALS TO THE PUBLIC MAIN.
- COORDINATE ALL TEMPORARY UTILITY SERVICE REQUIREMENTS WITH MUNICIPALITY AND BUILDING UTILITY DESIGNER.
- PROVIDE RIP RAP AT ALL ENDWALL STRUCTURES OF THE PROPOSED CULVERTS TO PREVENT WASHOUT AND EROSION.
- RIP RAP SHALL HAVE FILTER FABRIC PLACED BENEATH.

UTILITY LEGEND:



STORM STRUCTURE SCHEDULE:

STRUCTURE #	STRUCTURE DETAILS
ST#1	RIM = 918.71 INV (SW) = 916.00 INV (N) = 915.00 DEPTH = 3.71 48" I.D. PRECAST MANHOLE W/ NEENAH R-3067 CASTING W/ TYPE "R" GRATE
ST#2	RIM = 915.50 INV (W) = 912.00 INV (N) = 911.50 DEPTH = 4.00 48" I.D. PRECAST MANHOLE W/ NEENAH R-2560 EA CASTING W/ TYPE BEEHIVE GRATE
ST#3	RIM = 916.64 INV (W) = 912.74 INV (E) = 912.64 DEPTH = 4.00 48" I.D. PRECAST MANHOLE W/ NEENAH R-1733-A CASTING W/ TYPE SOLID COVER
ST#4	RIM = 917.75 INV (W) = 912.45 INV (NE) = 912.35 DEPTH = 5.41 48" I.D. PRECAST MANHOLE W/ NEENAH R-1733-A CASTING W/ TYPE SOLID COVER
ST#5	RIM = 915.50 INV (SW) = 911.10 INV (W) = 912.00 INV (E) = 911.00 DEPTH = 4.50 48" I.D. PRECAST MANHOLE W/ NEENAH R-2560 EA CASTING W/ TYPE BEEHIVE GRATE

YARD DRAIN SCHEDULE:

STRUCTURE #	STRUCTURE DETAILS
YD#1	RIM = 917.30 INV (E) = 915.30 DEPTH = 2.00 8" IN-LINE DRAIN W/ STANDARD GRATE (INV @ 90° BEND)
YD#2	RIM = 917.30 INV (NW) = 915.30 DEPTH = 2.00 8" IN-LINE DRAIN W/ STANDARD GRATE (INV @ 90° BEND)

STORM CLEANOUT SCHEDULE:

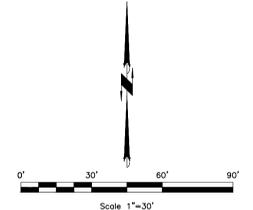
CO#1	RIM 914.50 INV* 912.00 * INVERT ELEVATIONS SHOWN AT 90° BEND/VERTICAL RISER
CO#2	RIM 914.50 INV 912.00 * INVERT ELEVATIONS SHOWN AT 90° BEND/VERTICAL RISER

BENCH MARK:

- ELEVATIONS ARE REFERENCED TO NAD83 DATUM.
- BENCH-MARK #1**
BURY BOLT ON HYDRANT LOCATED ON SOUTH SIDE OF WEST HIGH STREET, 575'± WEST OF RAINBOW DRIVE, ACROSS FROM DRIVE ENTRANCE TO WEST HIGH SCHOOL PARKING LOT.
ELEVATION = 917.08
 - BENCH-MARK #2**
SOUTHWEST BOLT ON FLANGE OF HYDRANT LOCATED ON SOUTH SIDE OF WEST HIGH STREET, 975'± WEST OF RAINBOW DRIVE, AND 350'± WEST OF DRIVE ENTRANCE TO WEST HIGH SCHOOL PARKING LOT.
ELEVATION = 916.74
 - BENCH-MARK #3**
BURY BOLT ON HYDRANT LOCATED ON SOUTHWEST CORNER OF INTERSECTION OF WEST HIGH STREET AND RAINBOW DRIVE, ACROSS FROM DRIVE ENTRANCE TO SOUTH HIGH SCHOOL PARKING LOT.
ELEVATION = 926.92
 - BENCH-MARK #4**
BURY BOLT ON HYDRANT LOCATED ON WEST SIDE OF HILLTOP DRIVE, 85'± NORTH OF EAST DRIVE.
ELEVATION = 917.08
 - BENCH-MARK #5**
600 NAIL SET IN SOUTHEAST SIDE OF POWER POLE LOCATED AT NORTHWEST CORNER OF WEST HIGH SCHOOL PARKING LOT, 200'± NORTHWEST OF WEST-MOST ENTRANCE TO HIGH SCHOOL BUILDING.
ELEVATION = 908.25
 - BENCH-MARK #6**
ARROW BOLT ON HYDRANT LOCATED ON WEST SIDE OF HIGH SCHOOL BUILDING, 60'± SOUTH OF GREENHOUSE AND 260'± EAST OF BENCH-MARK #5.
ELEVATION = 919.25

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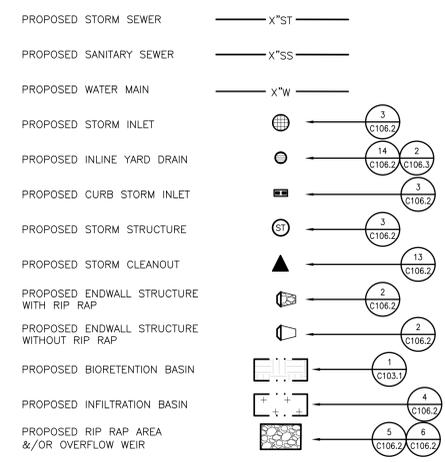




GENERAL NOTES:

- SEE SHEET C105.1 FOR GENERAL NOTES.

UTILITY LEGEND:



STORM STRUCTURE SCHEDULE:

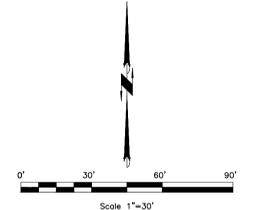
STRUCTURE #	STRUCTURE DETAILS	STRUCTURE #	STRUCTURE DETAILS
ST#6	RIM = 917.44 INV (S) = 912.13 INV (W) = 914.88 INV (E) = 912.03 DEPTH = 5.41 48" I.D. PRECAST MANHOLE W/ NEEHAH R-1733-A CASTING W/ TYPE SOLID COVER	ST#11	RIM = 915.03 INV (W) = 908.45 INV (SE) = 914.38 DEPTH = 11.57 48" I.D. PRECAST MANHOLE W/ NEEHAH R-1733-A CASTING W/ TYPE SOLID COVER
ST#7	RIM = 917.34 INV (W) = 911.55 DEPTH = 9.12 48" I.D. PRECAST MANHOLE W/ NEEHAH R-1733-A CASTING W/ TYPE SOLID COVER	ST#12	RIM = 911.72 INV (NW) = 908.72 DEPTH = 3.00 48" I.D. PRECAST MANHOLE W/ NEEHAH R-3067 CASTING W/ TYPE "L" GRATE
ST#8	RIM = 913.88 INV (E) = 910.88 DEPTH = 3.00 48" I.D. PRECAST MANHOLE W/ NEEHAH R-2560-E CASTING W/ BEEHIVE GRATE	ST#13	RIM = 910.46 INV (SE) = 907.46 INV (N) = 905.32 DEPTH = 5.15 48" I.D. PRECAST MANHOLE W/ NEEHAH R-1733-A CASTING W/ TYPE "L" GRATE
ST#9	RIM = 913.63 INV (S) = 910.51 INV (E) = 910.41 DEPTH = 3.22 48" I.D. PRECAST MANHOLE W/ NEEHAH R-2560-E CASTING W/ BEEHIVE GRATE	ST#14	RIM = 906.03 INV (S) = 903.13 INV (W) = 903.03 DEPTH = 3.00 48" I.D. PRECAST MANHOLE W/ NEEHAH R-3067 CASTING W/ TYPE "L" GRATE
ST#10	RIM = 913.71 INV (W) = 910.07 INV (SE) = 909.97 DEPTH = 3.74 48" I.D. PRECAST MANHOLE W/ NEEHAH R-3067 CASTING W/ TYPE "L" GRATE	ST#15 (Ex)	RIM = 907.57 INV (E) = 908.32 INV (S) = 898.62 DEPTH = 9.25 48" I.D. PRECAST MANHOLE W/ NEEHAH R-1733-A CASTING W/ TYPE SOLID COVER

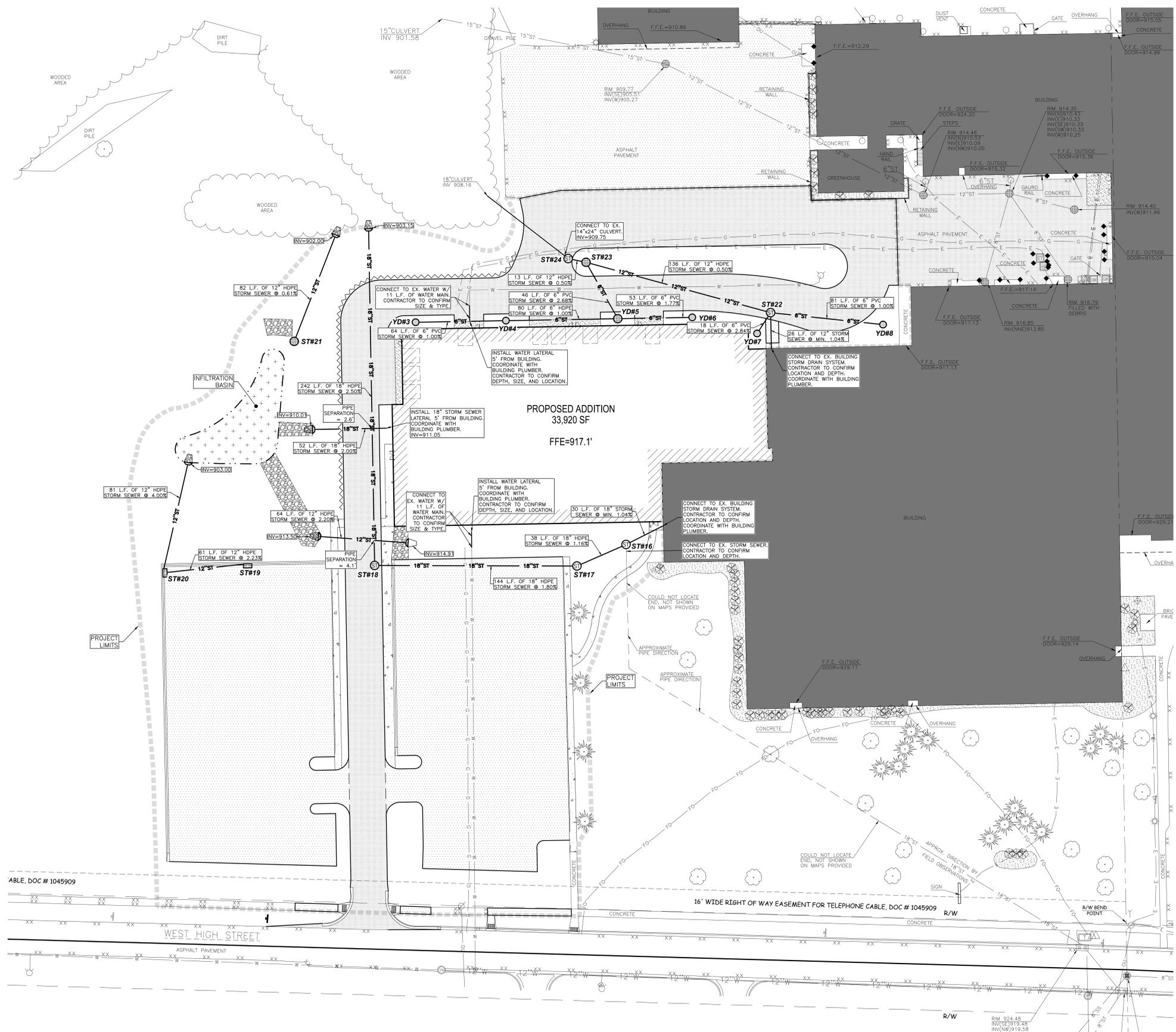
BENCH MARK:

- ELEVATIONS ARE REFERENCED TO NAVD 88 DATUM.
- BENCH-MARK #1**
BURY BOLT ON HYDRANT LOCATED ON SOUTH SIDE OF WEST HIGH STREET, 575'± WEST OF RAINBOW DRIVE, ACROSS FROM DRIVE ENTRANCE TO WEST HIGH SCHOOL PARKING LOT.
ELEVATION = 917.08
 - BENCH-MARK #2**
SOUTHWEST BOLT ON FLANGE OF HYDRANT LOCATED ON SOUTH SIDE OF WEST HIGH STREET, 975'± WEST OF RAINBOW DRIVE, AND 350'± WEST OF DRIVE ENTRANCE TO WEST HIGH SCHOOL PARKING LOT.
ELEVATION = 916.74
 - BENCH-MARK #3**
BURY BOLT ON HYDRANT LOCATED ON SOUTHWEST CORNER OF INTERSECTION OF WEST HIGH STREET AND RAINBOW DRIVE, ACROSS FROM DRIVE ENTRANCE TO SOUTH HIGH SCHOOL PARKING LOT.
ELEVATION = 926.92
 - BENCH-MARK #4**
BURY BOLT ON HYDRANT LOCATED ON WEST SIDE OF HILLTOP DRIVE, 85'± NORTH OF EAST DRIVE.
ELEVATION = 917.08
 - BENCH-MARK #5**
600 NAIL SET IN SOUTHEAST SIDE OF POWER POLE LOCATED AT NORTHWEST CORNER OF WEST HIGH SCHOOL PARKING LOT, 200'± NORTHWEST OF WEST-MOST ENTRANCE TO HIGH SCHOOL BUILDING.
ELEVATION = 908.25
 - BENCH-MARK #6**
ARROW BOLT ON HYDRANT LOCATED ON WEST SIDE OF HIGH SCHOOL BUILDING, 60'± SOUTH OF GREENHOUSE AND 260'± EAST OF BENCH-MARK #5.
ELEVATION = 919.25

UTILITY DISCLAIMER:

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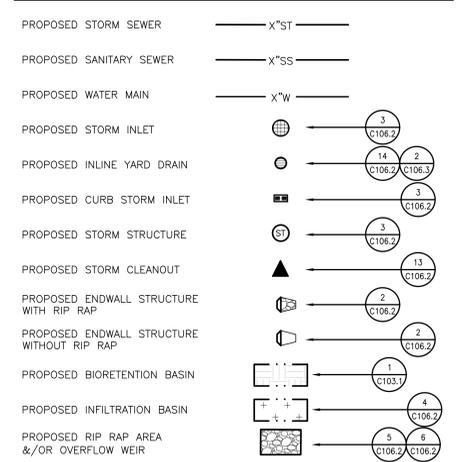




GENERAL NOTES:

1. SEE SHEET C105.1 FOR GENERAL NOTES.

UTILITY LEGEND:



STORM STRUCTURE SCHEDULE:

STRUCTURE #	STRUCTURE DETAILS	STRUCTURE #	STRUCTURE DETAILS
ST#16	RIM = 927.43 INV (N) = 915.35 INV (S) = 915.35 INV (SW) = 914.35 DEPTH = 13.08 48" I.D. PRECAST MANHOLE W/ NEENAH R-1733-A CASTING W/ TYPE "C" GRATE	ST#21	RIM = 905.50 INV (N) = 902.50 DEPTH = 3.00 48" I.D. PRECAST MANHOLE W/ NEENAH R-2556 CASTING W/ TYPE "C" GRATE
ST#17	RIM = 920.51 INV (N) = 915.90 INV (W) = 913.81 DEPTH = 6.70 48" I.D. PRECAST MANHOLE W/ NEENAH R-1733-A CASTING W/ TYPE SOLID COVER	ST#22	RIM = 916.32 INV (S) = 910.83 INV (E) = 913.59 INV (SW) = 913.59 INV (W) = 910.70 DEPTH = 5.62 48" I.D. PRECAST MANHOLE W/ NEENAH R-1733-A CASTING W/ TYPE SOLID COVER
ST#18	RIM = 916.42 INV (E) = 911.21 INV (N) = 909.21 DEPTH = 7.21 48" I.D. PRECAST MANHOLE W/ NEENAH R-1733-A CASTING W/ TYPE SOLID COVER	ST#23	RIM = 913.26 INV (E) = 910.02 INV (SE) = 911.92 INV (W) = 909.92 DEPTH = 3.35 48" I.D. PRECAST MANHOLE W/ NEENAH R-2560-E CASTING W/ BEEHIVE GRATE
ST#19	RIM = 912.61 INV (W) = 909.61 DEPTH = 3.00 48" I.D. PRECAST MANHOLE W/ NEENAH R-3501-N CASTING W/ TYPE "A" GRATE	ST#24	RIM = 914.71 INV (E) = 909.85 DEPTH = 4.96 48" I.D. PRECAST MANHOLE W/ NEENAH R-3501-N CASTING W/ TYPE "A" GRATE
ST#20	RIM = 913.11 INV (E) = 908.26 INV (N) = 906.26 DEPTH = 6.86 48" I.D. PRECAST MANHOLE W/ NEENAH R-3501-N CASTING W/ TYPE "A" GRATE		

YARD DRAIN SCHEDULE:

STRUCTURE #	STRUCTURE DETAILS	STRUCTURE #	STRUCTURE DETAILS
YD#3	RIM = 916.10 INV (E) = 914.60 DEPTH = 1.50 8" INLINE DRAIN W/ STANDARD GRATE (INV @ 90° BEND)	YD#6	RIM = 916.10 INV (W) = 914.10 DEPTH = 2.00 8" INLINE DRAIN W/ STANDARD GRATE (INV @ 90° BEND)
YD#4	RIM = 916.10 INV (NE) = 913.96 INV (E) = 913.96 DEPTH = 2.14 8" INLINE DRAIN W/ STANDARD GRATE (INV @ TEE CONNECTION)	YD#7	RIM = 916.10 INV (NE) = 914.10 DEPTH = 2.00 8" INLINE DRAIN W/ STANDARD GRATE (INV @ 90° BEND)
YD#5	RIM = 916.10 INV (E) = 913.16 INV (NW) = 913.16 DEPTH = 3.44 24" I.D. MODULAR INLET W/ 6" SUMP W/ H=20 STANDARD GRATE	YD#8	RIM = 916.40 INV (W) = 914.40 DEPTH = 2.00 8" INLINE DRAIN W/ STANDARD GRATE (INV @ 90° BEND)

BENCH MARK:

ELEVATIONS ARE REFERENCED TO NAVD 88 DATUM.

BENCH-MARK #1
BURY BOLT ON HYDRANT LOCATED ON SOUTH SIDE OF HILLTOP DRIVE, 85'± NORTH OF EAST DRIVE ENTRANCE TO HIGH SCHOOL.
ELEVATION = 917.08

BENCH-MARK #2
SOUTHWEST BOLT ON FLANGE OF HYDRANT LOCATED ON SOUTH SIDE OF WEST HIGH STREET, 975'± WEST OF RAINBOW DRIVE, AND 350'± WEST OF DRIVE ENTRANCE TO WEST HIGH SCHOOL PARKING LOT.
ELEVATION = 916.74

BENCH-MARK #3
BURY BOLT ON HYDRANT LOCATED ON SOUTHWEST CORNER OF INTERSECTION OF WEST HIGH STREET AND RAINBOW DRIVE, ACROSS FROM DRIVE ENTRANCE TO SOUTH HIGH SCHOOL PARKING LOT.
ELEVATION = 926.92

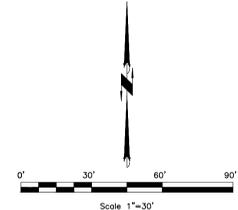
BENCH-MARK #4
BURY BOLT ON HYDRANT LOCATED ON WEST SIDE OF HILLTOP DRIVE, 85'± NORTH OF EAST DRIVE ENTRANCE TO HIGH SCHOOL.
ELEVATION = 917.08

BENCH-MARK #5
600 NAIL SET IN SOUTHEAST SIDE OF POWER POLE LOCATED AT NORTHWEST CORNER OF WEST HIGH SCHOOL PARKING LOT, 200'± NORTHWEST OF WEST-MOST ENTRANCE TO HIGH SCHOOL BUILDING.
ELEVATION = 908.25

BENCH-MARK #6
ARROW BOLT ON HYDRANT LOCATED ON WEST SIDE OF HIGH SCHOOL BUILDING, 60'± SOUTH OF GREENHOUSE AND 260'± EAST OF BENCH-MARK #5.
ELEVATION = 919.25

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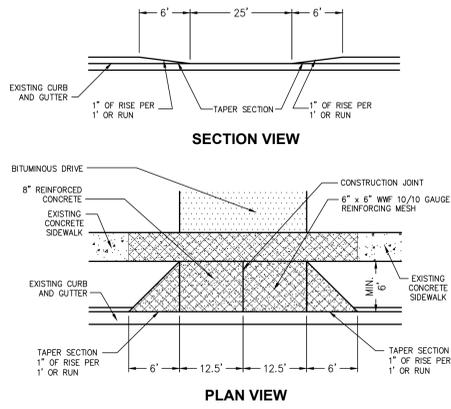
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JOB NO: 1908-19.04
SHEET NO: 1908-0101
C105.3

SCHOOL DISTRICT OF MILTON
MILTON HIGH SCHOOL
114 W HIGH STREET, MILTON, WI 53563

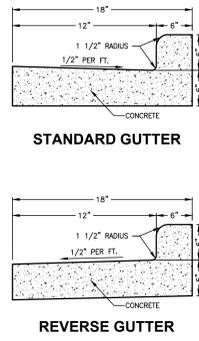
Point of Beginning
Civil Engineering
Land Surveying
Landscape Architecture
4811 Keshik Court
Stevens Point, WI 54481
715.344.6999 (PH) 715.344.6922 (FX)

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PLUNKETT RAYSCH
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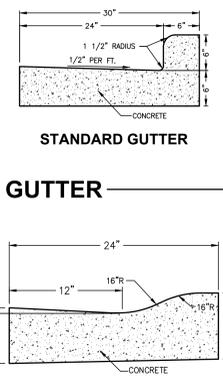
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2310 Concord Drive
1900 Main Street
53501
53716
53426
1414 5th Ave
1469 2nd Ave
1941 4th St
Milwaukee, Wisconsin
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San Francisco, California
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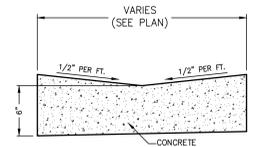
DRIVEWAY APRON 1
C106.1



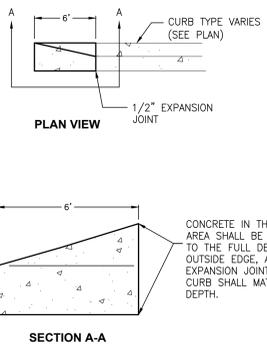
18" CURB & GUTTER 2
C106.1



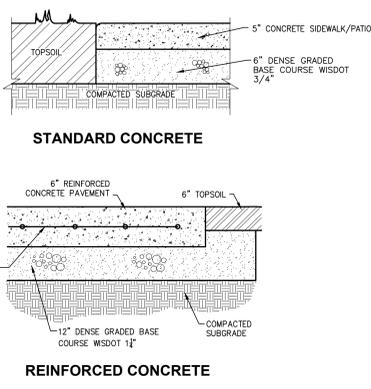
30" CURB & GUTTER 3
C106.1



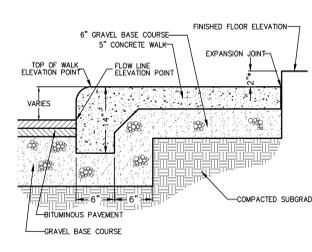
VALLEY GUTTER 5
C106.1



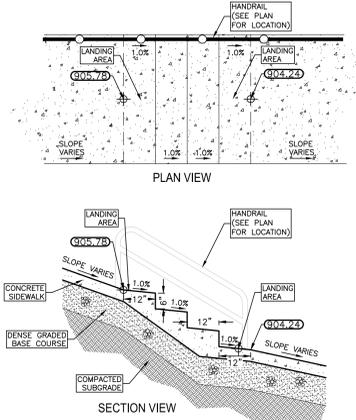
CURB TAPER 6
C106.1



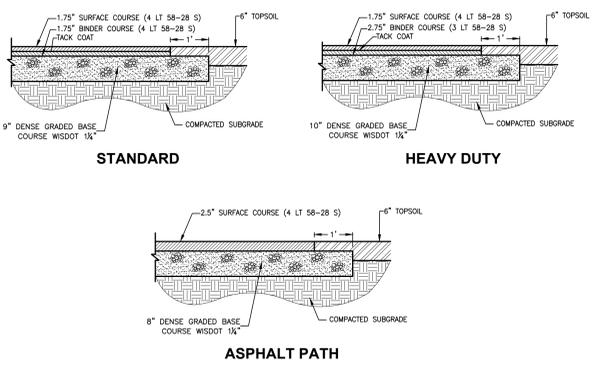
CONCRETE PAVEMENT 7
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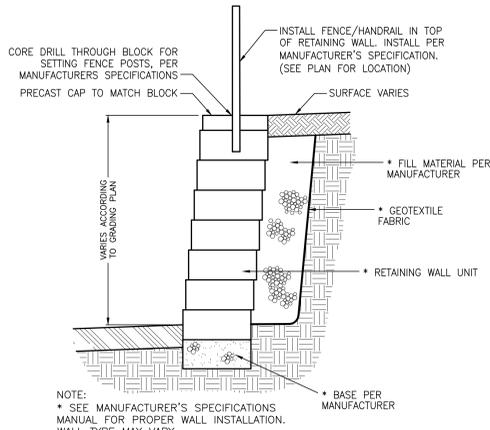
THICKENED EDGE WALK 8
C106.1



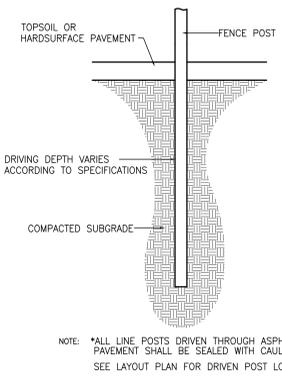
CONCRETE STAIRS 9
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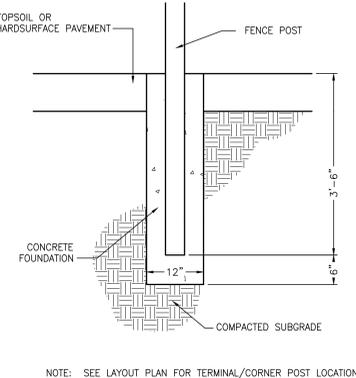
ASPHALT PAVEMENT 10
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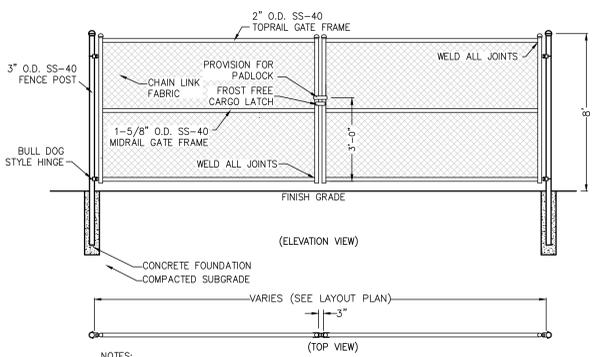
RETAINING WALL 11
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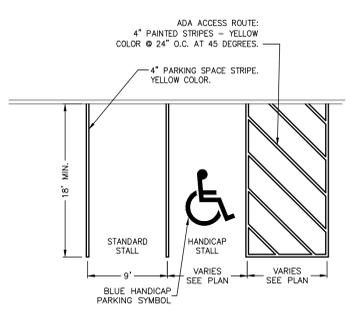
DRIVEN LINE POST 12
C106.1



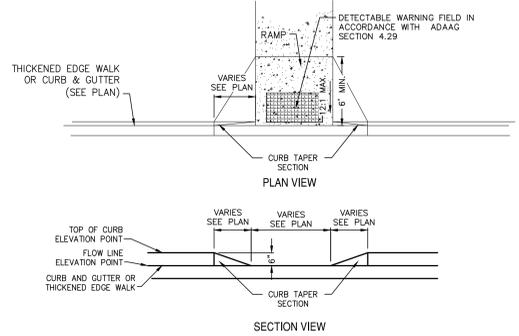
TERMINAL/CORNER FENCE POST 13
C106.1



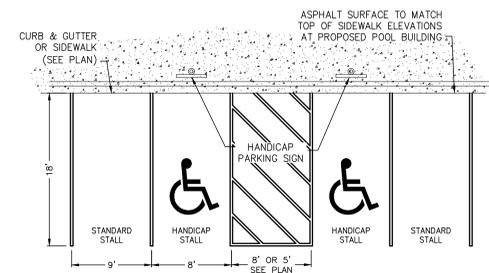
PEDESTRIAN GATE 14
C106.1



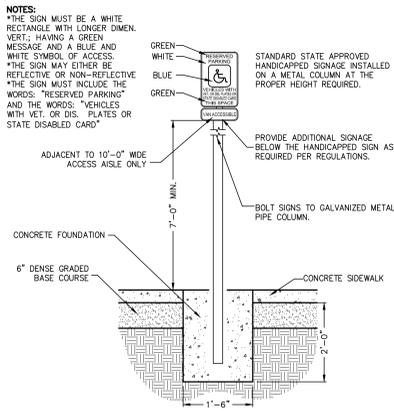
PARKING LOT STRIPING 15
C106.1



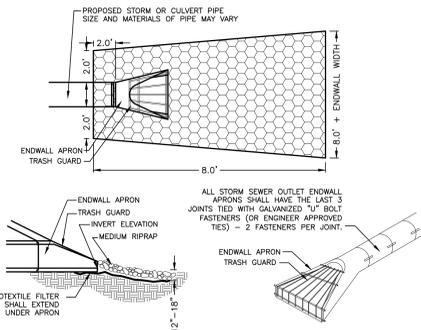
SIDEWALK RAMP 16
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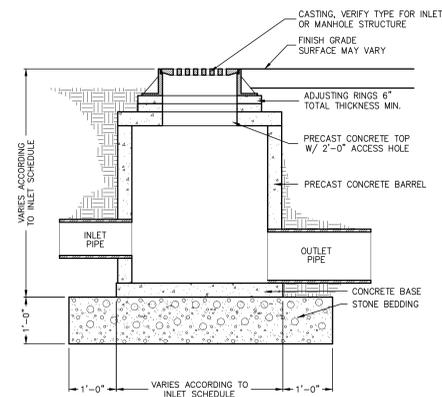
HANDICAP PARKING STALLS 17
C106.1



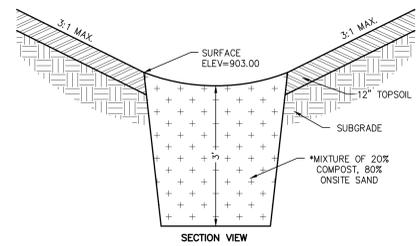
HANDICAP PARKING SIGN 1 C106.2



ENDWALL STRUCTURE 2 C106.2

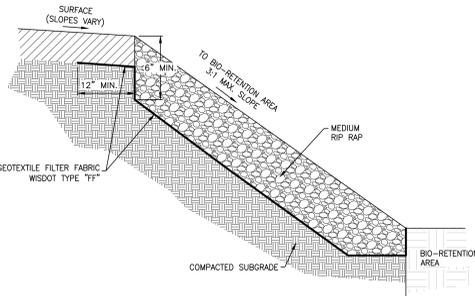


STORM MANHOLE 3 C106.2

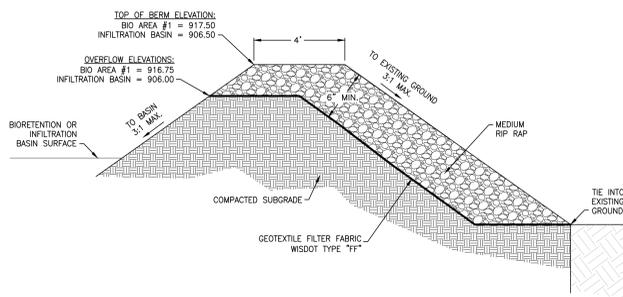


INFILTRATION BASIN 4 C106.2

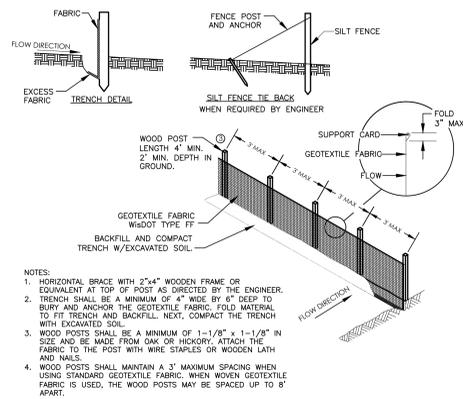
- NOTES:**
1. COMPOST SHALL MEET THE REQUIREMENTS OF S100 IN THE WISCONSIN DNR RUNOFF MANAGEMENT STORM WATER TECHNICAL STANDARDS.
 2. COMPOST SHALL BE FREE OF ROCKS, STUMPS, ROOTS, BRUSH, AND OTHER MATERIAL OVER 1 INCH IN DIAMETER.
 3. EXCAVATION OF THE "INFILTRATION BASIN" SHALL BE DELAYED AS LONG AS IS PRACTICABLE DURING CONSTRUCTION TO MINIMIZE SEDIMENTATION.
 4. THE CONTRACTOR SHALL NOT COMPACT THE SOILS WITHIN THE "INFILTRATION BASIN" AS INDICATED ON THE PLAN, AS THIS MAY IMPACT THE INFILTRATION PERFORMANCE OF THE SOILS. UPON COMPLETION OF GRADING THESE AREAS, A PROTECTIVE FENCE SHALL BE PLACED AROUND THE PERIMETER TO MINIMIZE CONSTRUCTION TRAFFIC.



RIP RAP AREA 5 C106.2

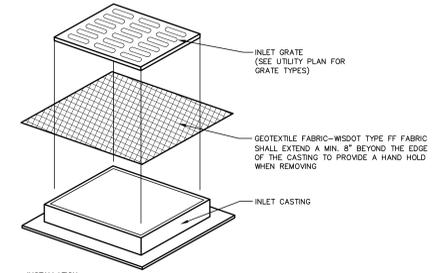


RIP RAP WEIR 6 C106.2



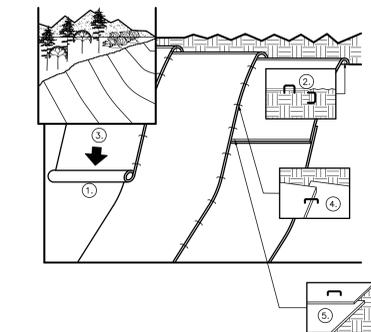
SILT FENCE 7 C106.2

- NOTES:**
1. HORIZONTAL BRACE WITH 2"x4" WOODEN FRAME OR EQUIVALENT AT TOP OF POST AS DIRECTED BY THE ENGINEER.
 2. TRENCH SHALL BE A MINIMUM OF 4" WIDE BY 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL. NEXT, COMPACT THE TRENCH WITH EXCAVATED SOIL.
 3. WOOD POSTS SHALL BE A MINIMUM OF 1-1/8" x 1-1/8" IN SIZE AND BE MADE FROM OAK OR HICKORY. ATTACH THE FABRIC TO THE POST WITH WIRE STAPLES OR WOODEN LATH AND NAILS.
 4. WOOD POSTS SHALL MAINTAIN A 3" MAXIMUM SPACING WHEN USING STANDARD GEOTEXTILE FABRIC. WHEN WOVEN GEOTEXTILE FABRIC IS USED, THE WOOD POSTS MAY BE SPACED UP TO 8' APART.



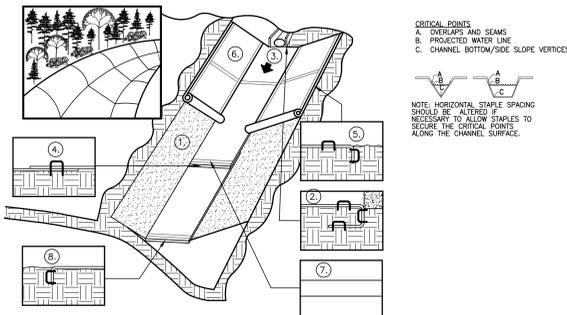
STORM INLET PROTECTION 8 C106.2

- INSTALLATION:**
1. REMOVE INLET GRATE
 2. PLACE FABRIC OVER THE TOP OF THE CASTING PLACE THE GRATE BACK IN PLACE KEEPING A MINIMUM OF 8" OF FABRIC EXTENDING ON ALL SIDES.
- MAINTENANCE:**
- NEEDS TO MAINTAIN FLOW. DO NOT CUT OR RIP FABRIC TO INCREASE FLOWS. USE OF FABRIC WILL CREATE SHORT TERM PONDING OF WATER. DO NOT USE FABRIC INLET PROTECTION IF ADJACENT BUILDINGS OR PROPERTIES MAY BE DAMAGED BY PONDING WATER. ELEVATIONS ON SITE SHALL BE SUCH THAT ANY PONDING WATER WILL HAVE AN EMERGENCY OVERFLOW POINT AWAY FROM AREAS THAT MAY BE DAMAGED BY FLOODING.
- GENERAL NOTES:**
- USE ONLY THE FOLLOWING GEOTEXTILE FABRICS THAT ARE APPROVED BY THE WISDOT FOR USE AS INLET PROTECTION:
- a) LIND INDUSTRIAL FABRICS - GTF 403
 - b) TO MIRAFL FILTERWEAVE 401.



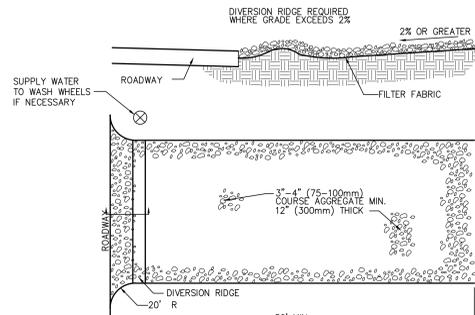
EROSION CONTROL BLANKETS 9 C106.2

- GENERAL NOTES:**
1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: WHEN USING CELL-TO-SEED OR NOT SEED PREPARED AREA, CELL-TO-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
 2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" DEEP BY 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
 3. ROLL THE BLANKETS DOWN THE SLOPE IN THE DIRECTION OF THE WATER FLOW.
 4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" OVERLAP. WHEN BLANKETS MUST BE SPLICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 6" OVERLAP. STAPLE THROUGH OVERLAPPED AREA APPROXIMATELY 12" APART.



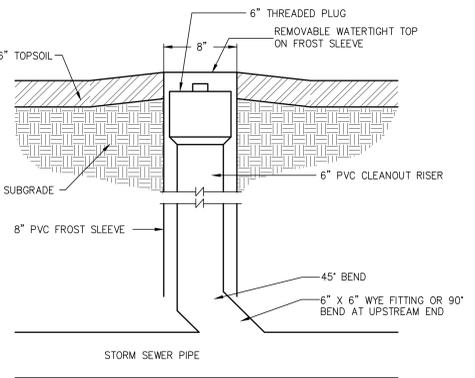
EROSION CONTROL BLANKETS (CHANNEL FLOW) 10 C106.2

- GENERAL NOTES:**
1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF LIME, FERTILIZER, AND SEED.
 2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" DEEP BY 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
 3. ROLL CENTER BLANKET IN DIRECTION OF WATER FLOW ON BOTTOM OF CHANNEL.
 4. PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH A 6" OVERLAP. USE A DOUBLE ROW OF STAGGERED STAPLES 4" APART TO SECURE BLANKETS.
 5. FULL LENGTH EDGE OF BLANKETS AT TOP OF SIDE SLOPES MUST BE ANCHORED IN 6" DEEP x 6" WIDE TRENCH BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
 6. BLANKETS ON SIDE SLOPES MUST BE OVERLAPPED 4" OVER THE CENTER BLANKET AND STAPLED.
 7. IN MEDIUM-HIGH FLOW CHANNEL APPLICATIONS, A STAPLE CHECK SLOT IS RECOMMENDED AT 10 TO 40 FOOT INTERVALS. USE A ROW OF STAPLES 4" APART OVER ENTIRE WIDTH OF CHANNEL. PLACE A SECOND ROW OF 4" BELOW THE FIRST ROW IN A STAGGERED PATTERN. AND COMPACT THE TRENCH AFTER STAPLING.

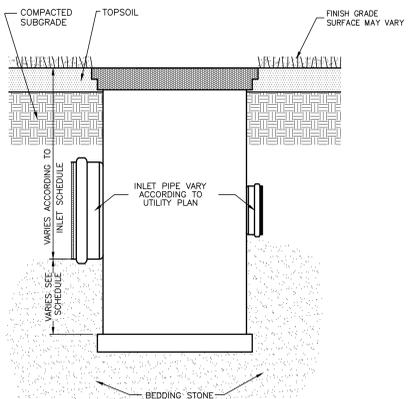


ROCK CONSTRUCTION ENTRANCE 11 C106.2

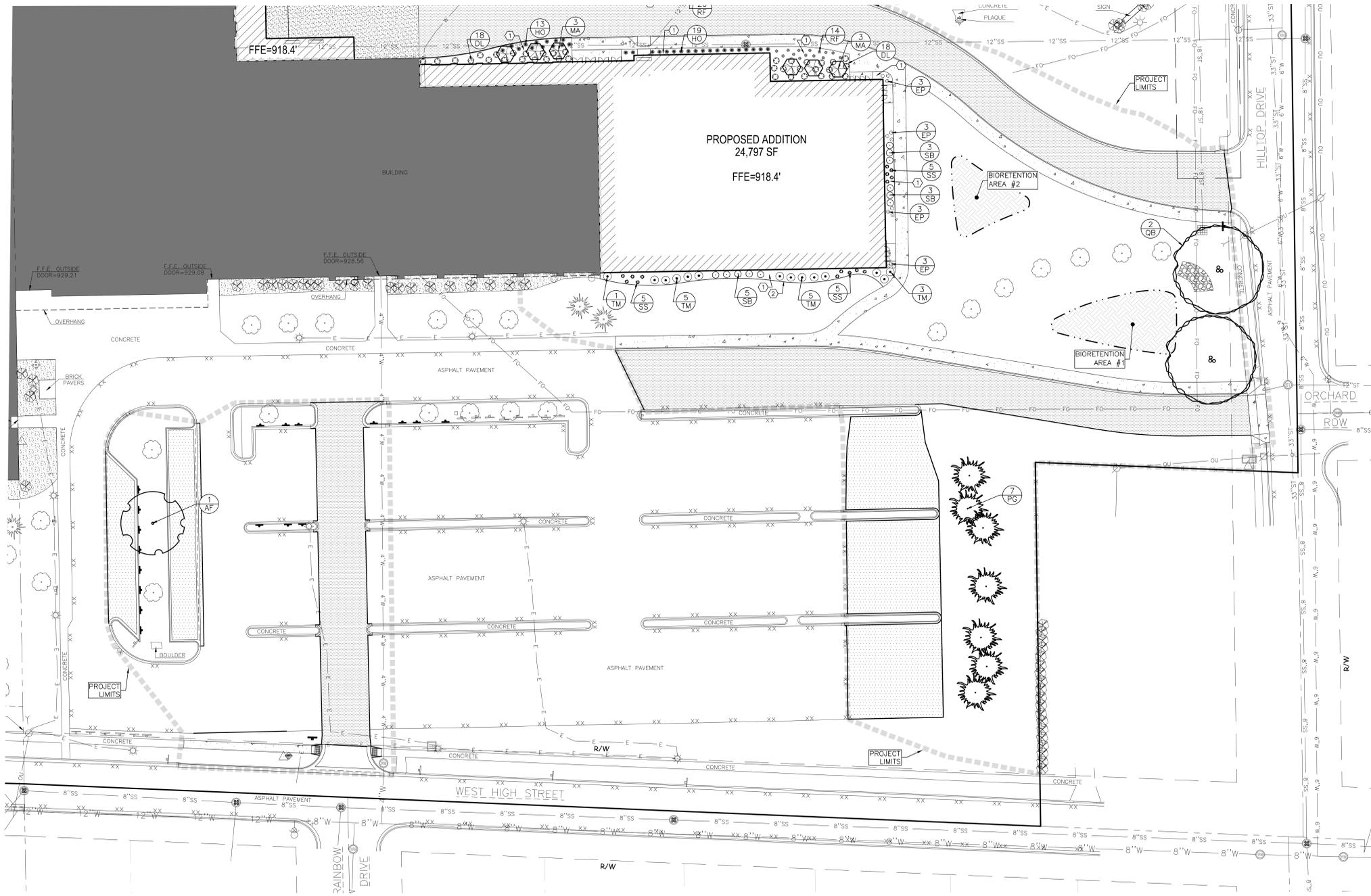
- NOTES:**
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT.
 2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. ANY MEASURES USED TO TRAP SEDIMENT.
 3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.



STORM SEWER CLEANOUT 13 C106.2



MODULAR DRAIN BASIN 14 C106.2



GENERAL NOTES:

- CONTACT DIGGER'S HOTLINE 5 WORKING DAYS PRIOR TO THE START OF DEMOLITION/CONSTRUCTION.
- 6" OF TOPSOIL SHALL BE PROVIDED IN ALL GENERAL LANDSCAPE AREAS. LANDSCAPE CONTRACTOR SHALL VERIFY THAT SPECIFIED PLANTING SOIL DEPTH IS PRESENT PRIOR TO PLANTING.
- SEED/FERTILIZE/CRIMP HAY MULCH ALL GENERAL LANDSCAPE AREAS DISTURBED DURING CONSTRUCTION.
- ALL PLANT MATERIALS LISTED SHALL MEET THE STANDARDS OF THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION FOR THE SIZES GIVEN.
- ALL TREES SHALL BE STAKED WITH A MINIMUM OF THREE STAKES.
- ALL TREES IN THE TURF AREA SHALL HAVE A 4" DIAMETER CIRCLE OF 4" DEPTH SHREDDED HARDWOOD BARK MULCH.
- 3" OF SHREDDED HARDWOOD BARK MULCH SHALL BE PLACED IN ALL PLANTING BEDS AND AS NOTED ON THIS PLAN.
- 20-YEAR WEED BARRIER SHALL BE PLACED BENEATH ALL BARK MULCH.
- COORDINATE ALL LANDSCAPE WORK WITH GAS, ELECTRIC, (INCLUDING MAIN SERVICE, SITE LIGHTING, CONDUITS AND SIGNAGE) CABLE AND TELEPHONE CONSTRUCTION AND RESPECTIVE TRADES FOR THE INSTALLATION OF SAID UTILITIES.

LANDSCAPE REQUIREMENTS:

PAVED AREA LANDSCAPING:
 ONE LARGE DECIDUOUS TREE AND 30 PTS OF LANDSCAPING SHALL BE PLANTED FOR EACH 2,250 S.F. OF PAVING.

170,600 S.F. PAVED AREA/2,250 = 76 X 30 PTS (2,280 PTS) & 76 LARGE TREES REQUIRED

PROPOSED: 2,560 PTS (3 AREAS OF PERENNIALS (60 PTS) + 125 SHRUBS/ORNAMENTAL GRASSES (2,500 PTS) & 19 LARGE DECIDUOUS TREES PROPOSED PLUS EXISTING TREES ONSITE

BUILDING FOUNDATIONS LANDSCAPING:
 150 PTS OF LANDSCAPING SHALL BE PLANTED FOR EACH 100 LINEAL FEET OF EXTERIOR BUILDING WALL.

1,766 LINEAL FEET/ 100 = 18 X 150 = 1,700 PTS REQUIRED

PROPOSED: 114 SHRUBS/ORNAMENTAL GRASSES (2,280 PTS) + 7 EVERGREEN TREES (420 PTS) = 2,700 PTS

STREET FRONTAGE:
 ONE LARGE DECIDUOUS TREE FOR EACH 100 LINEAL FEET OF PUBLIC STREET RIGHT OF WAY

1,165 L.F./100 = 12 TREES REQUIRED

PROPOSED: 8 PROPOSED LARGE DECIDUOUS TREES PLUS 4 EXISTING TREES

PLANTING SCHEDULE:

DECIDUOUS TREES	SYMBOLS	BOTANICAL NAME	COMMON NAME	INSTALLATION SIZE	SIZE AT MATURITY	QUANTITY
AF		ACER X FREEMANNI 'SIENNA'	SIENNA GLEN MAPLE	2" GAL.	50-60" T X 35-40" W	1
MA		MALUS X 'MARILEE'	MARILEE FLOWERING CRABAPPLE	1 1/2" CAL.	24" T X 10" W	18
OB		QUERCUS BICOLOR	SWAMP WHITE OAK	2" CAL.	50-60" T & W	8

EVERGREEN TREES	SYMBOLS	BOTANICAL NAME	COMMON NAME	INSTALLATION SIZE	SIZE AT MATURITY	QUANTITY
PG		PICEA GLAUCA 'DENSATA'	BLACK HILLS SPRUCE	5" T.	25" T X 15" W	7

SHRUBS	SYMBOLS	BOTANICAL NAME	COMMON NAME	INSTALLATION SIZE	SIZE AT MATURITY	QUANTITY
DL		DIERVILLA LONICERA	NORTHERN BUSH HONEYSUCKLE	3 GAL.	2-3" T X 2-4" W	47
JS		JUNIPERUS SABINA 'MINI ARCADE'	MINI ARCADE JUNIPER	3 GAL.	8-12" T X 3-4" W	12
PO		PHYSCARPUS OPULOFOLIUS 'SMPTW'	TINY WINE NINEBARK	3 GAL.	3-4" T X 4" W	44
RA		RHUS AROMATICA 'GRO-LOW'	GRO-LOW FRAGRANT SUMAC	3 GAL.	1.5-2" T X 6" W	15
SB		SPIRAEA X BUMALDA 'GOLDFLAME'	GOLDFLAME SPIREA	3 GAL.	3-4" T X 6" W	23
TM		TAXUS X MEDIA 'DENSIFORMIS'	DENSE SPREADING YEW	3 GAL.	3-4" T X 4-6" W	14

ORNAMENTAL GRASS	SYMBOLS	BOTANICAL NAME	COMMON NAME	INSTALLATION SIZE	SIZE AT MATURITY	QUANTITY
CA		CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	FOERSTER'S FEATHER REED GRASS	1 GAL.	4-6" T X 2" W	32
SS		SCHIZACHYRIUM SCOPARIUM 'MINNBLU E A'	BLUE HEAVEN LITTLE BLUESTEM	1 GAL.	3-4" T X 2-3" W	35

PERENNIALS	SYMBOLS	BOTANICAL NAME	COMMON NAME	INSTALLATION SIZE	SIZE AT MATURITY	QUANTITY
EP		ECHINACEA PURPUREA 'KIM'S KNEE HIGH'	KIM'S KNEE HIGH PURPLE CONEFLOWER	1 GAL.	2" T & W	51
HO		HOSTA X 'JUNE'	JUNE PLANTAIN LILY	1 GAL.	12" T X 30" W	32
RF		RUBROCKIA FULGIDA 'GOLDSTURM'	GOLDSTURM BLACK-EYED SUSAN	1 GAL.	2" T & W	66

KEYNOTES:

- ① 3" DEPTH OF SHREDDED HARDWOOD BARK MULCH W/DE-WITT 20 YEAR WEED BARRIER BENEATH
- ② 3" DEPTH OF SHREDDED HARDWOOD BARK MULCH W/DE-WITT 20 YEAR WEED BARRIER BENEATH

BENCH MARK:

ELEVATIONS ARE REFERENCED TO NAVD 88 DATUM.

BENCH-MARK #1
 BURY BOLT ON HYDRANT LOCATED ON SOUTH SIDE OF HILLTOP DRIVE, 85'± NORTH OF EAST DRIVE ENTRANCE TO HIGH SCHOOL. ELEVATION = 917.08

BENCH-MARK #2
 SOUTHWEST BOLT ON FLANGE OF HYDRANT LOCATED ON SOUTH SIDE OF WEST HIGH STREET, 975'± WEST OF RAINBOW DRIVE, AND 350'± WEST OF DRIVE ENTRANCE TO WEST HIGH SCHOOL PARKING LOT. ELEVATION = 916.74

BENCH-MARK #3
 BURY BOLT ON HYDRANT LOCATED ON SOUTHWEST CORNER OF INTERSECTION OF WEST HIGH STREET AND RAINBOW DRIVE, ACROSS FROM DRIVE ENTRANCE TO SOUTH HIGH SCHOOL PARKING LOT. ELEVATION = 926.92

BENCH-MARK #4
 BURY BOLT ON HYDRANT LOCATED ON WEST SIDE OF HILLTOP DRIVE, 85'± NORTH OF EAST DRIVE ENTRANCE TO HIGH SCHOOL. ELEVATION = 917.08

BENCH-MARK #5
 600 NAIL SET IN SOUTHEAST SIDE OF POWER POLE LOCATED AT NORTHWEST CORNER OF WEST HIGH SCHOOL PARKING LOT, 200'± NORTHWEST OF WEST-MOST ENTRANCE TO HIGH SCHOOL BUILDING. ELEVATION = 908.25

BENCH-MARK #6
 ARROW BOLT ON HYDRANT LOCATED ON WEST SIDE OF HIGH SCHOOL BUILDING, 60'± SOUTH OF GREENHOUSE AND 260'± EAST OF BENCH-MARK #5. ELEVATION = 919.25

UTILITY DISCLAIMER:

THE LOCATIONS, SIZES, AND TYPES OF UNDERGROUND PUBLIC AND PRIVATE UTILITIES OR SUBSTRUCTURES SHOWN HEREON WERE OBTAINED FROM VISUAL INSPECTION, FIELD MEASUREMENTS, AND/OR AS-BUILT PLANS. SANITARY SEWER AND STORM SEWER PIPE SIZES, INVERTS, DIRECTION, AND LOCATIONS BETWEEN MANHOLES ARE SUPPLEMENTED BY AS-BUILT PLANS AND/OR ESTIMATED BASED ON FIELD OBSERVATIONS. PRIOR TO CONSTRUCTION IN THE VICINITY OF ANY UTILITIES SHOWN HEREON, IT IS RECOMMENDED THAT THE LOCATIONS, DEPTHS, AND SIZES BE FIELD VERIFIED. THE LOCATIONS SHOWN HEREON ARE ONLY APPROXIMATE, WITH POSSIBILITY THAT ADDITIONAL UTILITY LINES NOT DISCOVERED, OR MARKED, DURING THE SEARCH OF RECORDS AND THE FIELD SURVEY MAY EXIST. ANY CONTRACTOR USING THE INFORMATION SHOWN HEREON IS HEREBY FOREWARNED THAT ANY EXCAVATION UPON THIS SITE MAY RESULT IN THE DISCOVERY OF ADDITIONAL UNDERGROUND UTILITIES NOT SHOWN HEREON. IN GENERAL, UNDERGROUND UTILITY LOCATIONS ARE SHOWN FROM UTILITY MARKINGS, BY OTHERS, AND/OR AS-BUILT PLANS, PROVIDED BY OTHER. POINT OF BEGINNING MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, WITH RESPECT TO THE EXISTING UTILITIES SHOWN HEREON, AND BELIEVES THAT THE INFORMATION CONTAINED HEREIN IS RELIABLE AND GENERALLY ACCURATE FOR THE PURPOSE INTENDED.



PLUG	BOTANICAL NAME	PLUG COMMON NAME
A	ALLIUM CERNUUM	NOODING PINK ONION
B	LATRIS PYNOSTACHYA	PRAIRIE BLAZINGSTAR
C	RUBROCKIA SUBTOMENTOSA	SWEET BLACK EYED SUSAN

PLANT CLUSTER	SIZE	TOTAL PLUGS
A	PLUG	300
B	PLUG	435
C	PLUG	300

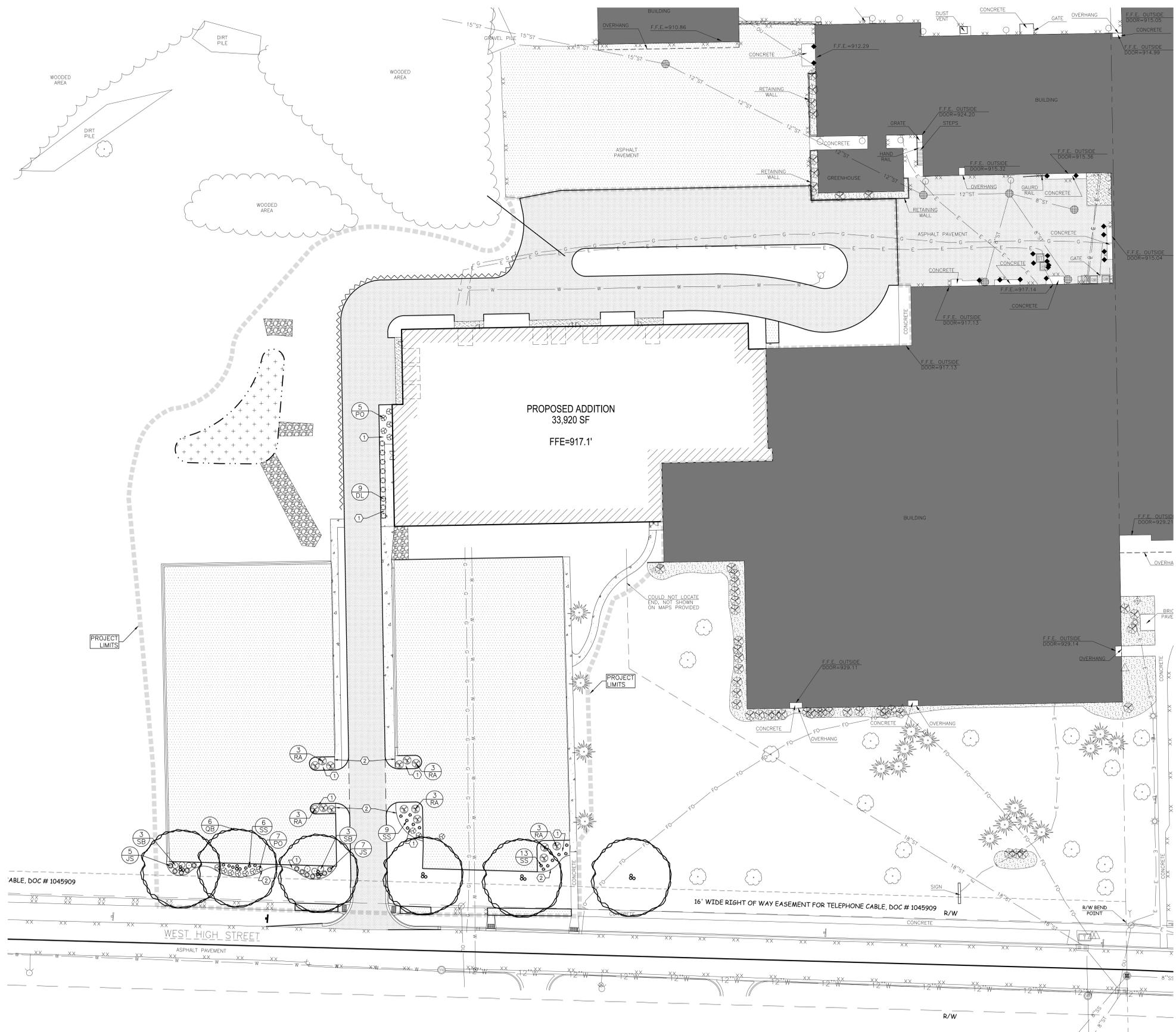
**1 PLUG FOR EVERY 2 SQUARE FEET

BIORETENTION AREA #1 PLANTING PLAN

BIORETENTION AREAS PLANTING SCHEDULE



BIORETENTION AREA #2 PLANTING PLAN



GENERAL NOTES:

1. SEE SHEET L101.1 FOR GENERAL NOTES.

PLANTING SCHEDULE:

DECIDUOUS TREES	BOTANICAL NAME	COMMON NAME	INSTALLATION SIZE	SIZE AT MATURITY	QUANTITY
AF	ACER X FREEMANII 'SIENNA'	SIENNA GLEN MAPLE	2" CAL	50-60" T X 35-40" W	1
MA	MALUS X 'MARILEE'	MARILEE FLOWERING CRABAPPLE	1 1/2" CAL	24" T X 10" W	21
QB	QUERCUS BICOLOR	SWAMP WHITE OAK	2" CAL	50-60" T & W	8

EVERGREEN TREES	BOTANICAL NAME	COMMON NAME	INSTALLATION SIZE	SIZE AT MATURITY	QUANTITY
PG	PICEA GLAUCA 'DENSATA'	BLACK HILLS SPRUCE	5" T	25" T X 15" W	7

SHRUBS	BOTANICAL NAME	COMMON NAME	INSTALLATION SIZE	SIZE AT MATURITY	QUANTITY
DL	DIERVILLA LONICERA	NORTHERN BUSH HONEYSUCKLE	3 GAL.	2-3" T X 2-4" W	45
JS	JUNIPERUS SABINA 'MINI ARCADE'	MINI ARCADE JUNIPER	3 GAL.	8-12" T X 3-4" W	12
PO	PHYSCARPUS OPULIFOLIUS 'SPOTTY'	TINY WINE NINEBARK	3 GAL.	3-4" T & W	53
RA	RHUS AROMATICA 'GRO-LOW'	GRO-LOW FRAGRANT SUMAC	3 GAL.	1.5-2" T X 6" W	15
SB	SPIRAEA X BUMALDA 'GOLDFLAME'	GOLDFLAME SPIREA	3 GAL.	3-4" T & W	23
TM	TAXUS X MEDIA 'DENSIFORMIS'	DENSE SPREADING YEW	3 GAL.	3-4" T X 4-6" W	14

ORNAMENTAL GRASS	BOTANICAL NAME	COMMON NAME	INSTALLATION SIZE	SIZE AT MATURITY	QUANTITY
CA	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	FOERSTER'S FEATHER REED GRASS	1 GAL.	4-6" T X 2" W	42
SS	SCHIZACHYRIUM SCOPARIUM 'MINNBLUE A'	BLUE HEAVEN LITTLE BLUESTEM	1 GAL.	3-4" T X 2-3" W	35

PERENNIALS	BOTANICAL NAME	COMMON NAME	INSTALLATION SIZE	SIZE AT MATURITY	QUANTITY
EP	ECHINACEA PURPUREA 'KIM'S KNEE HIGH'	KIM'S KNEE HIGH PURPLE CONEFLOWER	1 GAL.	2" T & W	63
HO	HOSTA X 'JUNE'	JUNE PLANTAIN LILY	1 GAL.	12" T X 30" W	32
RF	RUDBECKIA FULGIDA 'GOLDSTURM'	GOLDSTURM BLACK-EYED SUSAN	1 GAL.	2" T & W	75

KEYNOTES:

- 1 3" DEPTH OF SHREDDED HARDWOOD BARK MULCH W/DE-WITT 20 YEAR WEED BARRIER BENEATH
- 2 3" DEPTH OF SHREDDED HARDWOOD BARK MULCH W/DE-WITT 20 YEAR WEED BARRIER BENEATH

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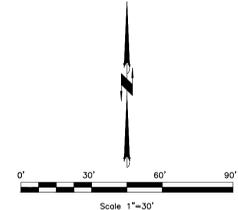
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